

## CURRICULUM VITAE

**NAME:** Jair C. Soares, M.D., Ph.D.

**PRESENT TITLE:** Professor & Chairman  
Pat R. Rutherford, Jr. Chair in Psychiatry  
Department of Psychiatry and Behavioral Sciences

Executive Director  
Harris County Psychiatric Center

Director  
UT Center of Excellence on Mood Disorders

**ADDRESS:** Department of Psychiatry and Behavioral Sciences  
University of Texas Medical School at Houston  
1941 East Road  
Houston, Texas 77054  
Telephone: 713-486-2507  
Facsimile: 713-486-2553  
Email: Jair.C.Soares@uth.tmc.edu

**BIRTHDATE:** March 1, 1967

**CITIZENSHIP:** United States

### **GRADUATE EDUCATION:**

2004                      Doctorate of Medical Sciences (Ph.D.)  
Federal University of Porto Alegre  
Porto Alegre, Brazil

1990                      Medical Degree (M.D.)  
University of São Paulo Medical School  
São Paulo, Brazil

### **POSTGRADUATE TRAINING:**

1997 – 1999              Post Doctoral Fellowship in Neuroimaging  
Yale University School of Medicine  
New Haven, CT

1994 – 1997              Psychiatry Residency (Research Track)  
UPMC Health System, Western Psychiatric Institute and Clinic

Pittsburgh, PA

1993 – 1994      Internal Medicine and Psychiatry Internship  
UPMC Health System, Western Psychiatric Institute and Clinic  
Pittsburgh, PA

1991 – 1993      Adult Psychiatry Residency  
University of São Paulo, Institute of Psychiatry  
São Paulo, Brazil

**ACADEMIC APPOINTMENTS:**

10/2012 – Present      Pat R. Rutherford, Jr. Chair in Psychiatry  
Department of Psychiatry and Behavioral Sciences  
University of Texas Health Science Center-Houston  
Houston, Texas

6/2009 – Present      Professor and Chairman (Granted Tenure 8/2011)  
Department of Psychiatry and Behavioral Sciences  
University of Texas Health Science Center-Houston  
Houston, Texas

2/2007 – 5/2009      Yeargan Distinguished Professor of Psychiatry (with Tenure)  
Director of Center of Excellence in Research and Treatment for Bipolar Disorder  
University of North Carolina at Chapel Hill  
Chapel Hill, North Carolina

9/2006 – 1/2007      Professor of Psychiatry and Radiology (Granted Tenure 8/2006)  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

6/2006 – 1/2007      Deputy Chairman for Research  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

1/2002 – 1/2007      Krus Endowed Chair in Psychiatry  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

1/2002 – 8/2006      Associate Professor of Psychiatry and Radiology  
Department of Psychiatry  
University of Texas Health Science Center at San Antonio  
San Antonio, Texas

7/1999 – 1/2002      Assistant Professor of Psychiatry (Tenure Track)  
Director, Neurochemical Brain Imaging Laboratory

Department of Psychiatry  
University of Pittsburgh, Western Psychiatric Institute & Clinic  
Pittsburgh, Pennsylvania

**NON-ACADEMIC APPOINTMENTS:**

8/2013-Present	Director UT Center of Excellence on Mood Disorders Houston, Texas
6/2009 – 8/2013	Co-Director UT Center of Excellence on Mood Disorders Houston, Texas
1/2002 – 2/2007	Staff Psychiatrist South Texas Veterans Health Care System, Audie Murphy Division San Antonio, Texas
9/2003 – 10/2005	Chief, VA Psychiatry Research South Texas Veterans Health Care System, Audie Murphy Division San Antonio, Texas
1/2002 – 1/2007	Chief, Division of Mood and Anxiety Disorders Department of Psychiatry The University of Texas Health Science Center at San Antonio San Antonio, Texas
1/1999 – 1/2001	Director, Neurochemical Brain Imaging Laboratory Western Psychiatric Institute and Clinic University of Pittsburgh School of Medicine Pittsburgh, Pennsylvania
7/1998 – 12/2003	Co-Editor, Bipolar Disorders – An International Journal of Psychiatry and Neuroscience Blackwell Munksgaard Blackwell Publishing Copenhagen, DA

**HOSPITAL APPOINTMENTS:**

6/2009 – Present	Harris County Psychiatric Center Executive Director University of Texas Health Science Center-Houston Houston, Texas
6/2009 – Present	Memorial Herman Hospital Chief of Psychiatry Services Texas Medical Center

Houston, Texas

6/2009 – Present	LBJ General Hospital Chief of Psychiatry Services Texas Hospital Houston, Texas
2/2007 – 5/2009	University of North Carolina Hospital Bipolar Residents Clinic, Bipolar Specialty Clinic and Pediatric Bipolar Clinic University of North Carolina at Chapel Hill Chapel Hill, North Carolina
1/2002 – 1/2007	University Hospital University of Texas Health Science Center at San Antonio San Antonio, Texas
1/2002 – 2/2007	South Texas Veterans Health Care System, Audie Murphy Division VA Mood Disorders Clinic San Antonio, Texas
1/1999 – 1/2002	Western Psychiatric Institutes & Clinic Outpatient Mood Disorders Clinic and Psychiatry Emergency Services University of Pittsburgh Pittsburgh, Pennsylvania

### **LICENSURE:**

1/2002 - Present	Licensed in Texas: L4135
3/2007 – 3/2010	Licensed in North Carolina: 2007-00320 (inactive)

### **CERTIFICATION:**

5/1999	American Board of Psychiatry and Neurology (Psychiatry) #46902
1/1993	FLEX (Part I and II)
1/1993	ECFMG (0-473-955-3)

### **PROFESSIONAL ORGANIZATIONS**

National/International Organizations:

04/2013 – Present	American Society of Clinical Psychopharmacology
09/2012 – Present	International Society for CNS Clinical Trials and Methodology
06/2006 – Present	International Society for Research on Impulsivity
01/2003 – Present	American College of Neuropsychopharmacology

01/2001 – Present	International Society for Affective Disorders
01/2001 – 01/2009	Society for Neuroimaging in Drug Development
01/2000 – 01/2007	International Society for Magnetic Resonance in Medicine
01/1999 – Present	Society of Biological Psychiatry
01/1999 – Present	International Society for Bipolar Disorders Additional Details: Secretary-Treasurer (01/1999-01/2001)
01/1998 – 01/2004	International Society for Blood Flow and Metabolism
01/1998 – 01/2004	Society for Nuclear Medicine
01/1998 – Present	Society for Neurosciences
01/1998 – Present	Collegium Internationale Neuro-Psychopharmacologicum (CINP)
01/1997 – 01/2009	International Society for Neuroimaging in Psychiatry
01/1994 – Present	American Psychiatric Association

Regional/Local Organizations

10/2009 – Present	Harris County Medical Society
10/2009 – Present	Texas Medical Association

**HONORS AND AWARDS:**

1/2014	Best Doctors Award
1/2013	Best Doctors Award
1/2012	Best Doctors Award
5/2011	National Plaque of Honor, Republic of Panama
1/2011	Emy Award, Devereux Clinic
1/2010	Best Doctors Award
1/2008	Best Doctors Award
1/2005	NCRR K24 Mid-Career Development Award

1/2000	APA Young Faculty Award
1/2000	ACNP Travel Award
1/2000	NIMH Mentored K23 Career Development Award
1/1999	World Psychiatric Association Fellowship Award
1/1998	CINP Rafaelsen Award, Collegium Internationale Neuro-Psychopharmacologicum
1/1997	President's Award, Pittsburgh Psychiatric Society
1/1997	Laughlin Fellowship Award, American College of Psychiatrists
1/1997	APA/Lilly Resident Research Award, American Psychiatric Association
1/1997	Colloquium for Young Investigators, American Psychiatric Association
1/1997	Resident Travel Award, American Society of Clinical Psychopharmacology
1/1997	New Investigator Award, New Clinical Drug Evaluation Unit (NCDEU), NIH
1/1997	Resident of the Year, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center
1/1997	Central Neuropsychiatric Association, Resident Paper Award
1/1996	Lilly Fellowship Award, Society of Biological Psychiatry
1/1996	CINP Rafaelsen Fellowship Award Prize, Collegium Internationale Neuro-Psych
1/1995	NIMH Outstanding Resident Award, National Institute of Mental Health, USA
1/1988	Research Scholarship: Fundacao de Amparo a Pesquisa do Estado de São Paulo (São Paulo State Research Funding Agency, Brazil)

## **EDITORIAL POSITIONS**

### **Editorial board member:**

Dusunen Adam: The Journal of Psychiatry and Neurological Science, 06/2011-Present

Molecular Psychiatry, 1/2011-Present

Transitional Psychiatry, 02/2011-Present

Innovations in Clinical Neuroscience, 01/2011-Present

The Open Access Neuropsychopharmacology Journal, 07/2008 - Present

Psychiatry 2008, 03/2008-Present

Current Psychiatry, 06/2008-Present

Psychopathology, 07/2006-06/2011

Neuropsychiatry i Neuropsychologia (Journal of Neuropsychiatry and Neuropsychology),  
04/2006-Present

Human Psychopharmacology, 01/2002-Present

Revista Do Hospital Clinicas (University of São Paulo, Brazil), 01/2002-Present

The Internet Journal of Mental Health, 01/2001-Present

Revista Brasileira de Psiquiatria (Brazilian Journal of Psychiatry), 01/2000-08/2006

#### **Editor or co-editor:**

Neuroscience Letters, Associate Editor,01/2008 – 3/2009

Revista Brasileira de Psiquiatria (Brazilian Journal of Psychiatry), Associate Editor,08/2006-Present

Journal of Child and Adolescent Psychopharmacology, Associate Editor for Neuroimaging and Neuropsychopharmacology "Journal of Child and Adolescent Psychopharmacology" ,05/2006-04/2012

Journal of Neural Transmission, 01/2004-Present - Section Editor for Biological Psychiatry

Bipolar Disorders, Co-Editor in Chief, 01/1998-12/2003

#### **SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

##### **National Institute of Mental Health**

10/2014	NIH Special Emphasis Panel on R21/R33 Grants	Ad Hoc Reviewer
05/2009 –04/2013	ITVA (Interventions Committee for Adult Disorders)	
	Study Section	Internal Reviewer
02/2009	Special Emphasis Panel ZMH1 ERB-L (03)	Ad Hoc Reviewer
	S – NIMH K99	
07/2008	NIMH IDSC Review Group for ZMH1 ERB-L-04	Ad Hoc Reviewer
06/2007	Special Emphasis Panel/Scientific Review Group	Ad Hoc Reviewer
	2007/10 ZDA1 MXS-M (19)	
11/2006	K 99Pathway to Independence ZMH1-ERB-H (03)	Ad Hoc Reviewer
		Review Meeting
10/2006	Mental Health Centers for Intervention Development	Ad Hoc Reviewer &
		Applied Research
07/2006	K99 Pathway to Independence Review Meeting	Ad Hoc Reviewer
	ZMH1-ERB-H(06)	
07/2006	NIMH Study Section on Psychiatric Genetics	Ad Hoc Reviewer

	(ZMH1-ERB-A(04)-S)	
03/2006	BSC Review of Molecular Imaging Branch	Ad Hoc Reviewer
12/2005	NIMH Advanced Centers for Mental Health Disparities Review ZMH1-ERB-H(02)	Ad Hoc Reviewer
11/2005	CIDAR Review Panel	Ad Hoc Reviewer
11/2005	ERB H(02) P50 Minority Centers	Ad Hoc Reviewer
2/2005 – 6/2009	Neural Basis of Psychopathology, Addictions, and Sleep Disorders (NPAS) Study Section	Internal Reviewer
01/2004- 12/2004	Special Emphasis Panel ZMH1-M (08)	Ad Hoc Reviewer
01/2004-12/2004	Special Emphasis Panel CRB-M-03	Ad Hoc Reviewer
01/2002-12/2002	Special Emphasis Panel ZRG1 BBBP-3	Ad Hoc Reviewer
01/2002	Special Emphasis Panel ZRG1 SRB-05	Ad Hoc Reviewer
<b>Department of Veterans Affairs</b>		
01/2005-06/2009	VA Merit Review Subcommittee for Mental Health & Behavioral Sciences	Internal Reviewer
<b>National Institute on Drug Addiction</b>		
06/2007	Developmental Centers for Translational Research on the Clinical Neurobiology of Drug Addiction	Ad Hoc Reviewer
06/2006	NIDA Special Emphasis Panel on Developmental Center for Translational Research	Ad Hoc Reviewer
07/2005	Special Emphasis Panel NIDA, ZDA1 MXS	Ad Hoc Reviewer
<b>Medical Research Grant Council, UK</b>		
01/2000		External Reviewer
<b>The Michael Smith Foundation, Canada</b>		
01/2001		External Reviewer
<b>Nova Scotia Health Research Foundation, Canada</b>		
01/2001		External Reviewer
<b>The Hospital for Sick Children Foundation, Canada</b>		
01/2000		External Reviewer
<b>The Wellcome Trust, UK</b>		
01/2000		External Reviewer



**SERVICE ON UNIVERSITY OF TEXAS-HOUSTON COMMITTEES:**

Medical School Research Committee, 10/2009 – Present  
MSRDP Budget & Finance Committee, 05/2010 – Present  
Executive Council of the University, 08/2009-Present  
Administrative Council of the University, 08/2009-Present

**SERVICE ON UNIVERSITY OF TEXAS-HOUSTON MEDICAL SCHOOL AFFILIATED HOSPITAL COMMITTEES:**

Harris County Psychiatric Center/Mental Health Mental Retardation Joint Quality Council, 6/2009 - Present  
Harris County Psychiatric Center Governing Body, 6/2009 - Present  
Harris County Psychiatric Center Medical Staff Committee, 6/2009 - Present  
Harris County Psychiatric Center Executive Committee, 6/2009 – Present  
Memorial Herman Hospital Case Management Committee, 06/2010 – 05/2013

**SERVICE ON DEPARTMENT OF PSYCHIATRY AND BEHAVIORAL SCIENCES COMMITTEES:**

Executive Committee, Chair, 2009 – Present  
Grand Rounds Committee, (Chair 2009-2010), 2009 – Present  
Residency Training Committee, 2009 – Present  
Psychiatry Residency Promotions, 2009 – Present  
UT Psychiatry Update Committee, 2010-Present

**SERVICE ON PAST UNIVERSITY COMMITTEES:**

**University of Texas Health Science Center at San Antonio, Department of Psychiatry**

**Standing Committees**

09/2006-01/2007	University Research Council: URCG Program Committee reviews proposals and recommends funding for new investigators, pilot projects and faculty enrichment.
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**University**

01/2005-01/2007	Task Force - M.D. Degree with Distinction in Research,
01/2004-01/2007	Ad Hoc Faculty Committee for MD/PhD Training Program,
01/2003-05/2007	Advisory Committee for the Imaging Core, General Clinical Research Center, Chair

01/2002-01/2003                      Advisory Committee for the Imaging Core, General Clinical Research Center

01/2002-01/2007                      Selection Committee-CBN Distinguished Neuroscientist Lecture Series

**Department**

01/2004-01/2007                      Promotion, Tenure & Appointment Committee, UTHSCSA

01/2002-01/2007                      Protocol Review Committee, Research Imaging Center, UTHSCSA

01/1999-01/2001                      Residency Recruitment Committee, University of Pittsburgh,

**Other**

04/2006-01/2007                      Academic Goals Committee for UHS Programs  
UTHSCSA K12 Initiative Review Committee

**SERVICE TO THE LOCAL COMMUNITY:**

09/2009-Present                      Sheriff Adrian Garcia's Mental Health Task Force                      Advisory Council

08/2009-Present                      Depression and Bipolar Support Alliance                      Medical Advisor  
Board Member

08/2014-Present                      Mental Health America of Houston                      Board Member

**SERVICE TO THE SCIENTIFIC COMMUNITY:**

01/2014-Present                      International Society for CNS Trials    Co-Chair, Young Investigator Awards

10/2009 – 3/2010                      Texas Medical Board Texas Physician Health Program    Founding Member

01/2004-Present                      Blue Harbor Foundation                      Advisory Council Member

08/2003-06/2004                      San Antonio Mental Health Association                      Advisory Council Member

**Finance committee**

International Society for CNS Trials, 01/2014-Present

American College of Neuropsychopharmacology, 12/2008 – 12/2010

**Reviewer**

Human Psychopharmacology, 01/2002-Present

Bipolar Disorders, 01/2003-Present

Journal of Psychiatric Research, 01/2003-present

Neuroimage, 01/2005

NMR in Biomedicine, 01/2004

Magnetic Resonance in Medicine, 01/2004  
Progress in Neuropsychopharmacology and Biological Psychiatry, 01/2004  
The Journal of Clinical Psychiatry, 01/2003  
Journal of Affective Disorders, 01/2003-Present  
Journal of Psychiatry and Neuroscience, 01/2002  
Clinical Approaches in Bipolar Disorders, 01/2002  
Neuroscience, 01/2002  
Cellular and Molecular Life Science, 01/2002  
Neuroscience Letters, 01/2001-Present  
Psychiatry Research, 01/2001  
Molecular Psychiatry, 01/2000-Present  
Brain Research, 01/2000  
Schizophrenia Research, 01/2000  
Neuropsychopharmacology, 01/2000-Present  
American Journal of Psychiatry, 01/1999-Present  
Acta Psychiatrica Scandinavica, 01/1999  
Psychiatry Research – Neuroimaging, 01/1999-Present  
Archives of General Psychiatry, 01/1998-Present  
The Journal of Neuropsychiatry and Clinical Neurosciences, 01/1997  
Biological Psychiatry, 01/1997-Present

### **Secretary**

International Society for Bipolar Disorders, 01/1999-01/2001

### **SPONSORSHIP OF POSTDOCTORAL FELLOWS:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Luca Lavagnino, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders.  
07/2014-present.

Bo Cao, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 04/2014-present.

Mon-Ju Wu, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 02/2014-present.

Juan Galvez-Flores, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders.  
01/2014-present.

Jane Hamilton, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 01/2014-present.

Isabelle Bauer, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 4/2013-present.

Benson Mwangi Irungu, Ph.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 12/2012-2/2014.

Humera Naz Danwar, M.D., Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 05/ 2010-06/ 2012

Nadia El Fangary, M.D./Ph.D. Postdoctoral Research Fellow in Center of Excellence on Mood Disorders. 05/ 2010-06/2011.

Jorge Henna, M.D., Postdoctoral Research Fellow in Imaging and Research Laboratory on Bipolar Disorders. 09/ 2009-05/2011.

Marcella Bellani, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 6/2009 – 6/2010.

#### **University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Marcella Bellani, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 1/2009 – 5/2009.

Deborah Ellerbusch, PhD in clinical psychology, was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2008 – 06/2008.

Ping-Yong Yeh, M.D. PhD, Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 09/2007 – 05/2009.

Tricia Hahn, PhD in clinical psychology, Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 05/2007 – 04/2009.

Milosev Kopecek , M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2007 – 12/2008.

Giovana Zunta-Soares, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 01/2007 – 05/2009.

#### **University of Texas Health Science Center at San Antonio, Department of Psychiatry**

Stefano Cali, M.D, was a Postdoctoral Fellow, in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2006 – 01/2007.

Kelin Mezzomo, M.D. was a Postdoctoral Fellow in Neuroimaging and clinical research studies in pediatric mood disorders. 03/2006 – 01/2007.

Giovana Zunta-Soares, M.D., Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 08/2005 – 01/2007.

Benicio Frey, M.D. was a postdoctoral research fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 08/2005-07/2006.

Leandro Silva, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 03/2005 - 02/2006.

Koji Matsuo, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2004 - 08/2006.

Fabiano Nery, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Mood Disorders. 10/2004 – 01/2007.

Cecilia Belardinelli, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Pediatric Mood Disorders. 05/2004 - 06/2006.

Manoela Fonseca, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies in Pediatric Mood Disorders. 03/2004 - 02/2006.

Marco Peluso, M.D., was a Postdoctoral Fellow 01/2004-07/2005.

Karen Truesdell, Ph.D., was a Postdoctoral Fellow in Neurocognitive studies of mood disorders. 10/2003 - 06/2004.

Marsal Sanches, M.D., was a Postdoctoral fellow in Neuroimaging Studies of Mood Disorders. 09/2002 - 02/2004.

Simerjit Kaur, M.D., was a Postdoctoral Fellow in Neuroimaging and Clinical Research Studies of Mood Disorders. 04/2002 - 06/2004.

Paulo Brambilla, M.D., was a Postdoctoral Research Fellow 03/2002 - 06/2002.

Sheila Caetano, M.D., Postdoctoral Research Fellow. 03/2002 - 07/2006

E. Serap Monkul, M.D. Post-Doctoral Research Fellow. 01/2002-02/2007

### **University of Pittsburgh, Department of Psychiatry**

Acioly Lacerda, M.D., was a Postdoctoral Research Fellow in Neuroimaging Studies of Mood Disorders. 01/2000 - 01/2001.

Robert Sassi, M.D., was a Postdoctoral Research Fellow in Neuroimaging Studies of Mood Disorders. 01/2000 - 01/2001.

Paulo Brambilla, M.D., was a Postdoctoral research fellow in Morphometric MRI and 1 H MRS studies in mood disorders. 01/1999 - 01/2002.

### **ADDITIONAL ACADEMIC SUPERVISION:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Sudhakar Selvaraj, M.D., Assistant Professor of Psychiatry, 4/2014-present

Benson Mwangi Irungu, Ph.D., Instructor of Psychiatry. 2/2014-present

Mujeeb Shad, M.D. Associate Professor of Psychiatry – co-Mentor on his K23 award. 7/2010-6/2012

Kirti Saxena, M.D., Associate Professor of Psychiatry – Mentor at Center of Excellence on Mood Disorders. 11/2010-5/2013

Humera Danwar, M.D., Postdoctoral Research Fellow.5/2010-6/30/2012

Angelica Colmenares, M.D., Postdoctoral Research Fellow. 04/2011 – 12/2011

Sankar Kothapalli, Postdoctoral Research Fellow. 05/2011 – 05/2012

Vikas Mangewala, M.D., Postdoctoral Research Fellow. 04/2010 - 04/2012

Ankit Parmar, Postdoctoral Research Fellow. 05/2011 – 04/2012

Jorge Henna, M.D., Postdoctoral Research Fellow. 07/2009 – 12/2011  
Elaine Henna, M.D./Ph.D., Observer. 09/2010 – 12/2011  
Fazil Kamil, Observer. 06/2011-06/2012  
Aditi Parashar, Observer. 07/2010 – 09/2010  
Sara Cisneros, Student Volunteer. 05/2010 – 08/2010  
Rohan D'Souza, Volunteer. 05/2010-8/2010  
Christian Pessi, Visiting Observer, May 2010-Sept 2010  
Anita Patel, M.D., Graduate Student Volunteer, UT Psychiatry. 07/2009 – 01/2010  
Thomas Ence, BA, Research Assistant I, 8/2009 – 07/2010  
Edilberto Amorim, M.D., Visiting Research Scholar UT Psychiatry. 06/2009 – 12/2009

**University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Hasan Baloch, M.D., is Assistant Director of Child Psychiatry at CERT-BD. 07/2008 – 5/2009.  
Andrew Newberg, M.D., is Assistant Director of Adult Psychiatry at CERT-BD. 07/2008 – 05/2009.  
Marjorie Carvalho, MD, is a Visiting Research Scholar in Neuroimaging and Clinical Research Studies in Mood Disorders. 09/2008 – 5/2009.  
Eric Formeister, Undergraduate Student interested in Biomedicine. Two month research elective. 09/2008 – 10/ 2008.  
William Blair, Post-baccalaureate interested in Biomedicine. 08/2008 – 5/2009.  
Lauren Elberly, Undergraduate Student. 01/2009 – 05/2009.  
Chad Mosby, Undergraduate Student. 01/2009 – 05/2009.  
Katherine Murray, Undergraduate Student. 01/2009 – 05/2009.  
Kristin White, Undergraduate Student. 01/2009 – 05/2009.  
Donald Yauger, Undergraduate Student interested in Biomedicine. 01/2009 - 05/2009  
Danielle Amara, Undergraduate Student interested in Biomedicine. 06/2008 – 05/2009.  
Kathleen Montforten, Undergraduate Student interested in Neuroimaging. 06/2008 – 2/2009.  
Andrew Morgan, Undergraduate Student interested in Neuroimaging. 05/2008 – 07/2008.  
Asad Siddiqui, Undergraduate Student interested in Neuroimaging. 05/2008 – 12/2008.  
Jesse Rhodes, Undergraduate Student interested in Neuroimaging. 03/2008 – 05/2009.  
Evan Tsun, Undergraduate Student interested in Neuroimaging. 03/2008 – 07/2008.  
Sara Goff, Undergraduate Student interested in Psycholinguistics. 06/2007 – 12/2007.  
Kimberly Taylor, Undergraduate Student interested in Neuroimaging. 05/2007 – 07/2007.  
Bharath Bhushan, Undergraduate Student interested in Neuroimaging. 04/2007 – 05/2008.  
Miranda Reddick, Undergraduate Student interested in Clinical Psychology. 04/2007 – 05/2009.  
Lauren Salvi, Undergraduate Student. 04/2007 – 07/2007.

Rebecca Summe, Undergraduate Student interested in Neuroimaging. 04/2007 – 12/2007.

Herbert Wang, Undergraduate Student interested in Neuroimaging. 04/2007 – 05/2009.

### **University of Texas Health Science Center at San Antonio**

Marlon Quinones, M.D., Assistant Professor, Departments of Medicine and Psychiatry. He worked on clinical neurosciences studies in mood disorders. 07/2005 - 05/2008.

Thomas Brown, M.D., Assistant Professor and staff physician at the South Texas VA, currently holds a full time academic position at UTHSCSA and the South Texas VA and runs the VA inpatient clinical research unit. Clinical assessments and management of research patients. 01/2003 - 06/2004.

Rene Olvera, M.D., Assistant Professor of Psychiatry in the Child and Adolescent Psychiatry Division. Dr. Olvera worked with Dr. Soares and his group and had a K23 NIH grant funded, on which Dr. Soares was the co-mentor. Research studies in brain imaging studies of pediatric mood disorders. 01/2003 – 01/2007.

David Glahn, Ph.D., Assistant Professor of Psychiatry, worked on Neurocognitive assessments of patients suffering from mood and psychotic disorders. He was interested in morphometric MRI and fMRI to identify potential endophenotypes of these illnesses. 07/2002 - 06/2006.

Sibel Yasar, M.D., Instructor in Psychiatry, was co-mentored by Dr. Soares. She worked on pediatric mood disorder studies that utilized MRI and 1 H MRS. 01/2002 - 06/2003.

Marcus Zanetti, M.D., 2nd year Resident, University of São Paulo, Brazil. MRI Morphometric Studies in Mood Disorders. 10/2004 - 11/2004.

Srirangam Muddasani, M.D., 2nd year Psychiatry Resident (UTHSCSA Research Track Program)-MRI Morphometric studies in Bipolar Disorders. 08/2004 - 06/2006.

Camila Macedo-Soares, M.D., 2nd year Psychiatry Resident ABC School of Medicine São Paulo, Brazil. MRI Morphometric Studies in Mood Disorders. 06/2004 - 07/2004.

Anas Elsaïd, M.D., PhD Graduate student in Radiological Sciences program, Human Brain Imaging Track. 08/2003 - 07/2004.

Micky Gautam, M.D., Psychiatry Resident, Morphometric MRI studies in mood disorders. 01/2003 - 03/2003.

Irene Chen, B.Sc., PhD Graduate student in Radiological Sciences program, Human Brain Imaging Track. 08/2002 - 08/2006.

Hannah Moussa, Medical student, served a two month winter rotation program on MRI morphometric brain imaging. 11/2005 - 01/2006.

Charmaine Gibson, MS-II, served a two month Summer Research Program on MRI morphometric brain imaging. 06/2004 - 08/2004

Brett Solomon, MS-II, served a two month Summer Rotation Program on MRI morphometric brain imaging. 06/2004 - 08/2004.

Naveen Mehta, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2004 - 08/2004.

Twee Huynh, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2004 - 08/2004.

Erica C. Garcia, B.A., MS-IV, 4th year elective one-month rotation under course PSYCH4008, Biological Psychiatry Research, MRI Morphometric Studies in Mood Disorders. 04/2004.

Pablo Najt, B.Sc., Predoctoral Research Fellow, in Neurocognitive assessments and brain imaging in mood disorders. 08/2003 - 06/2005.

Michael Trakhtenbroit, Undergraduate student from Washington University, Saint Louis. Two Summer Rotations, MRI Morphometric Studies in Mood Disorders. 06/2003 - 08/2005

Barbara Chen, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002

Susanna Fawthrop, MS-II, served a two month Summer Rotation Program on MRI morphometric brain imaging. 06/2002 - 08/2002.

Roxann Roberts, MS-IV, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002.

David Spence, MS-II, served a two month Summer Rotation Program, MRI morphometric brain imaging. 06/2002 - 08/2002.

Daniel Diaz, MS-IV, 4th year elective one-month rotation under course PSYCH4008, Biologic Psychiatry Research, MRI morphometric brain imaging. 10/2002.

Hayden Head, M.D., PhD Graduate student in Radiological Sciences program, Human Brain Imaging track. 01/2002 - 08/2003.

Nereida Gonzalez-Berrios from Ponce Medical School in Puerto Rico, MS-IV, 4th year elective one-month rotation under the course PSYCH 4008, Biological Psychiatry Research, MRI morphometric brain imaging. 01/2002 - 05/2003.

Mehvish Siddiqui, Undergraduate Student working on morphometric MRI analyses. 05/2006 – 02/2007.

Betty Alajajian, Undergraduate Student working on morphometric MRI analyses. 05/2006 – 02/2007. Sean Dykes, Student at Health Careers High School, involving volumetric MRI analyses.

Rhiannon Smith, Student at Health Careers High School Summer Research Program involving volumetric MRI Analyses.

### **University of Pittsburgh, Department of Psychiatry**

Sheila Caetano, M.D., Psychiatry Resident, MRI Morphometric Studies in Mood Disorders. 01/2000 - 03/2000 and 8/2001 – 11/2001.

Roberto Figueroa, M.D., Psychiatry Resident: Morphometric MRI studies in mood disorders. 01/1999 - 01/2000.

Sabrina Heller, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Krystal Williams, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Kristyn Costanzo, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.

Nicholas Smith, Undergraduate Student interested in Brain Imaging Studies in Mood Disorders. 01/1999 - 01/2001.



### **ADMINISTRATIVE SUPERVISION:**

#### **University of Texas Health Science Center at Houston; Medical School Department of Psychiatry**

Natalia Kapczinski, M.D., Research Associate, 10/2014-present

Joyce Collins, Director, Management & Operation, 9/2014-present

Haina Modi, Research Assistant I, 2/2014-present

Allison Dornbach-Bender, Research Assistant I, 08/2013-present

Amna Ghouse, M.D., Research Assistant I, 8/2012-7/2014

Danielle Spiker, Research Coordinator I, 5/2012-present

Lindsay Harris, Research Assistant I, 3/2012-present

Kheresa Glasco, Executive Assistant, 2/ 2012 - 8/2013

Elizabeth Vinson, Administrative Assistant I, 11/2010-2/2012 and 9/2013-present

Mary Battaglia, Director, Management & Operations, 6/2009 – 9/2014

Mark Nicoletti, M.Sc., Lab Coordinator at the Neuroimaging Laboratory at the Center of Excellence on Mood Disorders, 6/2009 – 7/2011

#### **University of North Carolina at Chapel Hill, Department of Psychiatry, CERT-BD**

Alexandra Jeffrey, BA, Social Research Assistant I, 11/2008 – 05/2009

William Blair, BA, Social Research Assistant I, 09/2008 – 05/2009

Rachel Mullis, Business Services Coordinator, 05/2008 – 05/2009

Gabrielle Miles, BA, Social Research Assistant I, 01/2008 – 05/2009

Marisa DeBurkarte, BA, Social Research Assistant I, 01/2008 – 11/2008

Kelly Smedley, RN, MSN, CNS, Program Coordinator, 08/2007 – 05/2009

Chloe Cooper, BA, Social Research Assistant II, 05/2007 – 10/2008

Mark Nicoletti, M.Sc., Lab Coordinator at the Center of Excellence for Research & Treatment of Bipolar Disorder, Department of Psychiatry, University of North Carolina at Chapel Hill. 06/1999 – 05/2009

#### **The University of Texas Health Science Center at San Antonio**

Rhonda Barnard, Social Science Research Associate II, 05/2005-02/2007

Krista Scarpelli, Administrative Assistant II, 04/2005-05/2007

Clara Perkins, B.A., Social Science Research Associate I, 11/2003 – 07/2005

Kristina Hunter, Social Science Research Associate II, 05/2003 – 10/2005

Manish Dalwani, M.S., Research Associate, Psychiatry Imaging Laboratory, South Texas Veterans Health Care System, 03/2003 – 06/2004

Veronica Villarreal, M.A., Social Science Research Associate II, 01/2003 – 05/2005

Julie Siler, Social Science Research Associate II, 12/2002 – 07/2003

Rene Gonzalez, Social Science Research Associate II, 07/2002 – 09/2003

Thomas Brown, M.D., Staff Psychiatrist/Faculty, 06/2002 – 06/2004

David Spence, Medical Student Assistant, 06/2002 – 08/2002

Barbara Chen, Medical Student, 06/2002 – 08/2002

Susanna Fawthrop, Medical Student, 06/2002 – 08/2002

Roxanne Roberts, Medical Student, 06/2002 – 08/2002

Juanita Ching, Administrative Assistant I, 01/2002-03/2005

Marty Javors, Ph.D., Faculty, 01/2002-12/2004

Nancy Peters, Research Coordinator II, 01/2002-09/2004

Cheryl Gonzalez, M.D., Staff Psychiatry/Faculty 01/2002-06/2003

Rolando Medina, Faculty, M.D., 01/2002-02/2007

Jodi Gonzalez, Ph.D., Faculty, 01/2002-02/2007

Vivek Singh, M.D., Faculty, 01/2002-02/2007

Peter Thompson, M.D., Faculty, 01/2002-02/2007

**Neurochemical Brain Imaging Laboratory, Western Psychiatric Institute and Clinic,  
University of Pittsburgh**

Jennifer Gates, Administrative Assistant, 01/2000-12/2001

Kelly Foster Wells, LSW, Recruitment Coordinator, 07/1997-12/2001

**TEACHING RESPONSIBILITIES:**

1/2008 – 1/2009	Post Graduate: Bipolar Mood Disorder Seminars Seminars to PGY II Residents at UNC CERT-BD
8/2007	Post Graduate: Bipolar Mood Disorders Lectures to PGY IV Residents at UNC CERT-BD
5/2007 – 5/2009	Post Graduate: Psychiatric Diagnostic Issues Review Meetings with small group teaching on SCID diagnostics to Postdoctoral Research Fellows at UNC CERT-BD Student Contact Hours: 1 hour/week; 52 hours/year
1/2004 – 1/2007	Post Graduate: Psychiatric Diagnostic Issues Review Meetings with small group teaching on SCID diagnostics to Postdoctoral Research Fellows at UTHSC-SA Student Contact Hours: 1.5 hours/week; 78 hours/year
1/2003 – 1/2007	Post Graduate: Director of Psychiatry Residency Research Track Program Student Contact Hours: 4 Hours a month with Residents at UTHSC-SA
1/2002 – 1/2007	Clinical Research Supervision Group supervision to graduate students, undergraduate students, post-doctoral students, and residents on clinical research methodology at UTHSC-SA Student Contact Hours: 1 hour/week, 52 hours/year

1/1999 – 1/2007	Neuroimaging Research Meetings Group supervision to discuss clinical research methodology, data analysis, study design, graduate students, undergrads, post-doctoral students, and residents at UTHSC-SA Student Contact Hours: 1 hour/week, 52 hours/year
1/2004 – 2/2007	Undergraduate: Behavioral Sciences Student Contact Hours: 16 hours/year; Small group teaching to 2 <sup>nd</sup> year medical students at UTHSC-SA
1/2002 – 12/2002	Post Graduate: Neuroimaging Seminar Overview of Research Imaging: PET, fMRI, MRS, MRI, SPECT Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
1/2002 – 12/2002	Post Graduate: Neuroimaging Seminar PET Receptor Ligands Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
1/2002 – 5/2007	Post Graduate: Brain Imaging in Psychiatry Student Contact Hours: 8 hours/year; Seminar to UTHSC-SA Residents
1/2002 – 5/2007	Post Graduate: Neuroimaging Seminar Imaging of Mood Disorders Student Contact Hours: 1 hour/year; PGY IV Residents at UTHSC-SA
1/2000 – 12/2001	Undergraduate: Neuroscience Student Contact Hours: 4 hours/year; 2 <sup>nd</sup> Year Medical Students at UTHSC-SA
1/2000 – 10/2001	Resident: Psychiatric Emergency as Clinical Faculty Student Contact Hours: 150 hours/year; Supervised Medical Students at UTHSC-SA
1/2000 – 12/2000	Undergraduate: Neuroscience Student Contact Hours: 4 hours/year; 2 <sup>nd</sup> Year Medical Students at UTHSC-SA
6/1999 – 1/2001	Undergraduate: Psychopathology and Society Student Contact Hours: 10 hours/year; 3 <sup>rd</sup> Year Medical Students at UTHSC-SA
1/1996 – 6/1997	Undergraduate: Psychopathology and Society Student Contact Hours: 10 hours/week; 3 <sup>rd</sup> Year Medical Students at UTHSC-SA

### **CURRENT GRANT SUPPORT:**

#### **RESEARCH GRANTS**

##### ***Federal***

Project #: 1R01MH085667-01  
Funding Agency: NIMH

Title: Searching for Endophenotypes of Bipolar Disorder

Status: Active

Period: 9/2012-6/2016

Role: Principal Investigator      % Effort: 25

Total Costs: \$2,987,841

Grant Detail: This study will examine the role of heritability on key brain abnormalities involved in causation of bipolar disorder (BD). If our hypotheses are confirmed, this will indicate that abnormalities in fronto-limbic brain regions in patients with BD are heritable and could be utilized as “endophenotypes” to guide future research on the specific genes involved.

***Private***

Project #: 11T-009

Funding Agency: Stanley Medical Research Institute

Title: A double-blind randomized placebo-controlled study of N-acetyl cysteine and aspirin as adjunctive treatments for bipolar disorder patients

Status: Active

Period: 1/2012 -12/2015

Role: Principal Investigator      % Effort: 10

Total Costs: \$781,695

Grant Detail: This study will investigate the importance of inflammatory mechanisms in antidepressant response and could lead to development of a new and critically needed treatment modality for BD patients.

Funding Agency: Dunn Foundation

Title: Houston Area Pediatric Bipolar Registry

Status: Active

Period: 08/2012-08/2015

Role: Principal Investigator

Total Costs: \$424,000

Funding Agency: Dunn Foundation

Title: Dunn-Genomics of Bipolar Disorders

Status: Active

Period: 03/2014-04/2015

Role: Principal Investigator

Total Costs: \$390,000

Funding Agency: Dunn Foundation

Title: Deep Brain Stimulation Therapy of Treatment Resistant Depression Program

Status: Active

Period: 03/2014-04/2015

Role: Principal Investigator

Total Costs: \$290,000

**PAST GRANT SUPPORT:**

**RESEARCH GRANTS**

***Federal***

Project #: RR 020571-01

Funding Agency: NCRR, National Institute of Health (K-24)

Title: In Vivo Brain Mechanisms across the Bipolar Spectrum

Status: Active

Period: 07/2005 - 07/2011

Role: Principal Investigator      % Effort: 25

Total Costs: \$870,650.00

Grant Detail: This career development plan will utilize the mid-career mechanisms of the NCRR K24 award to foster Dr. Soares' academic career and allow substantial time for him to continue to dedicate to research activities and mentoring on patient-oriented research. It will focus on studies of the neurobiological mechanisms implicated in causation of bipolar disorder.

Project #: MH 0684766-01

Funding Agency: National Institutes of Health

Title: Neuroanatomy of Treatment Response in Bipolar Depression

Status: Active

Period: 02/2005 - 01/2011

Role: Principal Investigator      % Effort: 20

Total Costs: \$1,825,000.00

Grant Detail: This study will test specific hypotheses about the involvement of brain fronto-limbic circuits in bipolar depression among bipolar type I patients, and the relationship of fronto-limbic abnormalities to symptom remission and treatment response in this patient group.

Project #: MH 069774-01

Funding Agency: National Institute of Mental Health

Title: Fronto-Limbic Brain of Bipolar Children and Adolescents

Status: Active

Period: 04/2005 - 03/2009 (No Cost Extension until 5/2011)

Role: Principal Investigator      % Effort: 15

Total Costs: \$2,591,932.16

Grant Detail: In this study we will conduct a combined in vivo neuroimaging and clinical intervention trial in post-pubertal adolescents (ages 12-17 years old) who have Bipolar Disorder, that will examine the relationships between (a) Fronto limbic brain abnormalities, (b) bipolar progression and severity, and (c) response to a mood-stabilizing medication (valproate).

Project #: P20 MH68662-02

Funding Agency: NIMH

Title: Bipolar Illness Intervention in Hispanic Communities

Status: Completed

Period: 08/2004 - 02/2007

Role: Co-Principal Investigator      % Effort: 5

Total Costs: \$4,675,910.60

Grant Detail: Charles Bowden (PI)

Project #:

Funding Agency: VA Merit Review

Title: In Vivo Brain Mechanisms Underlying Remission in Bipolar Depression

Status: Completed

Period: 07/2004 - 06/2007

Role: Principal Investigator      % Effort: 15

Total Costs: \$689,940.00

Grant Detail: This study will use in vivo anatomical and neurochemical brain measurements with MRI/MRS to examine specific abnormalities in brain structures involved in mood regulation in bipolar type II subjects, which could be implicated on illness pathophysiology, and effects of lamotrigue treatment on such changes.

Project #:

Funding Agency: Veteran's Administration VISN-17

Title: In Vivo Brain Mechanisms in Comorbid Bipolar Disorder and Alcoholism

Status: Complete

Period: 07/2002 - 06/2004

Role: Principal Investigator      % Effort:

Total Costs: \$90,000.00

Grant Detail: Pilot study to examine Fronto-limbic Brain Mechanisms in Bipolar Alcoholic subjects.

Project #: K23MH001736

Funding Agency: NIMH

Title: In Vivo Studies of the PI Pathway in Bipolar Disorder

Status: Complete

Period: 05/2000 - 04/2005

Role: Principal Investigator      % Effort:

Total Costs: \$612,596.00

Grant Detail: The Investigator Proposed a career development plan designed to acquire additional clinical skills, to conduct clinical research studies on the Neurobiology of Bipolar Disorders and Mechanisms involved on therapeutic actions of lithium.

### ***Private***

Project #:

Funding Agency: The Dana Foundation

Title: TMS/PET- A Novel Functional Imaging Tool to Study Brain Connectivity in Unipolar Depression

Status: Complete

Period: 01/2003 - 12/2005

Role: Principal Investigator      % Effort: 1.5

Total Costs: \$100,000.00

Grant Detail: This study will utilize a newly developed system for combined transcranial magnetic stimulation (TMS) and positron emission tomography (PET) to study connectivity between the prefrontal cortex (PFC) and limbic and paralimbic regions in patients suffering from unipolar depression (major depressive disorder).

Project #:

Funding Agency: National Alliance for Research on Schizophrenia And Depression (NARSAD)

Title: A Family Study of Brain Abnormalities in Bipolar Disorder

Status: Complete

Period: 09/2002 - 03/2006

Role: Principal Investigator      % Effort: 1.0

Total Costs: \$100,000.00

Grant Detail: This study will examine the heritability of specific brain abnormalities that are present in individuals suffering from bipolar disorder. We will attempt to identify specific phenotypes from in vivo brain imaging that could be possible trait markers of vulnerability for the disease.

Project #:

Funding Agency: STANLEY FOUNDATION

Title: A Double-Blind, Placebo-Controlled Trial of Celecoxib (Cox-II Inhibitor) as an Adjunct in the Treatment of Bipolar I and II Patients with Depressed or Mixed Episodes

Status: Complete

Period: 09/2002 - 08/2005

Role: Principal Investigator      % Effort: 2.5

Total Costs: \$299,999.97

Grant Detail: This study will test the new medication Celecoxib, a Cox-II inhibitor, as a potential treatment for bipolar disorder.

Project #:

Funding Agency: American Foundation for Suicide Prevention

Title: Frontal Cortex abnormalities and suicidality in mood disorder subjects: an *in vivo*

MRI/MRS Study

Status: Complete

Period: 07/2001 - 06/2003

Role: Principal Investigator      % Effort:

Total Costs: \$60,000.00

Grant Detail: A Pilot study on Fronto-Limbic Brain Mechanisms involved on Impulsivity and suicidality in Unipolar Depression.

Project #:

Funding Agency: Stanley Foundation Award

Title: 7 LiMRS in the maintenance treatment of bipolar disorder patients

Status: Complete

Period: 07/2000 - 06/2002

Role: Principal Investigator      % Effort:

Total Costs: \$150,000.00

Grant Detail: A pilot study of Brain Lithium levels measured with 7 Li MRS on the Maintenance treatment of Bipolar Disorder Patients.

Project #:

Funding Agency: NARSAD

Title: In Vivo Neurochemical studies of brain membrane processes in bipolar disorder patients

Status:

Period: 07/1999 - 06/2001

Role: Principal Investigator      % Effort:

Total Costs: \$60,000.00

Grant Detail: Pilot study of brain abnormalities in Bipolar Disorder patients with 1 H MRS. in vivo.

Project #:  
Funding Agency: NARSAD  
Title: Signal transduction processes in medication-free and lithium-treated bipolar disorder patients  
Status: Complete  
Period: 07/1997 - 06/1999  
Role: Co-Investigator % Effort:  
Total Costs: \$60,000.00  
Grant Detail: pilot study of cell membrane and signal Transduction Abnormalities in Bipolar Disorder patients while unmedicated and after treatment with Lithium.

### ***State***

Project #: 123167  
Funding Agency: UTHSCSA  
Title: Identification of Gene Variants Associated with Bipolar Disorder  
Status: Complete  
Period: 06/2006 - 05/2007  
Role: Co-Investigator % Effort: 2.5  
Total Costs: \$20,000.00  
Grant Detail: The major goals of this project are to identify specific DNA variations in candidate genes associated with Bipolar Disorder in the Latino Population.

## **PUBLICATIONS:**

### **A. Abstracts**

1. Bauer IE, Nielsen D, **Soares JC**. *The role of opioidergic genes in drug addiction pharmacotherapy*. Presented at the 13<sup>th</sup> Annual Pharmacogenetics in Psychiatry Meeting. (June 2014).
2. Mwangi B, Wu H, Bauer I, Zunta-Soares GB, **Soares JC**. *Distinguishing Individual Subjects with Bipolar Disorder or Unipolar Depression Using Neuroanatomical Scans and Machine Learning*. Presented at the Society of Biological Psychiatry Annual Meeting. (May 2014).
3. Bauer IE, Keefe R, Suchting R, Green C, Zunta-Soares GB, **Soares JC**. *The Brief Cognitive Assessment Test for Affective Disorders (BAC-A): A New Instrument for Assessing Cognitive Functioning in Bipolar Disorder*. Presented at the Society of Biological Psychiatry Annual Meeting (May 2014).
4. Sharma AN, Bauer IE, Suchtig R, Green C, Frazier TW, Nielsen DA, Zunta-Soares GB, **Soares JC**. *Larger Globus Pallidum Volumes Among Bipolar Patients Carrying CACNA1C Gene Risk Allele*. Presented at the Society of Biological Psychiatry Annual Meeting (May 2014).
5. Mwangi B, Hasan KM, **Soares JC**. *Unsupervised identification of population patterns in high-dimensional multimodal neuroimaging scans: A data-driven machine learning approach*. Presented at American College of Neuropsychopharmacology Conference. (December 2013).



6. Mwangi B, **Soares JC**, Hasan KM. *Decoding and evaluation of cerebral maturation and aging patterns using Diffusion Tensor Imaging*. Presented at the 2013 Organization of Human Brain Mapping Conference. (June 2013).
7. Mwangi B, Hunt SC, Spiker D, Zunta-Soares GB, **Soares JC**. *Predictive classification of Pediatric Bipolar Disorder using Amygdala Morphometric Features*. Presented at the 2013 Society of Biological Psychiatry Annual Meeting. (May 2013).
8. Mwangi B, **Soares JC**, Hasan KM. *Decoding Healthy Maturation and Aging Patterns across Lifespan using Deffusion Tensor Imaging*. Presented at the 2013 Society of Biological Psychiatry Conference. (May 2013).
9. Frazier, Thomas W. Nicoletti, Mark Frankel, Brian A. Nielsen, David A. **Soares, JC**. *Evidence for Genetic Determinats of Mood Disorder Vulnerability and Fronto-Limbic Volumes*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2012 April. (Biological Psychiatry; vol. 71, no. 8S:498)
10. Shad, Mujeeb Keshavan, Matcheri S. **Soares, JC** Mihalakos, Perry Thomas, Binu P Tamminga, Carol A. *Neurobiology of Insight Deficits in Schizophrenia*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2012 April. (Biological Psychiatry; vol. 71, no. 8S:834)
11. Caetano, Sheila Kleinman, Ana Teixeira, Ana Maria Duran, Fabio Otaduy, Maria CG Leite, Claudia Stanley, Jeffrey **Soares, JC** Busatto, Geraldo Lafer, Beny. *Decreased Entorhinal Cortex Volume Among Patients with Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2012 April. (Biological Psychiatry; vol. 71, no. 8S:658)
12. **Soares JC**. *BDNF Genotype and Structural Abnormalities in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2012 April. (Biological Psychiatry; vol. 71, no. 8S:89)
13. Mangewala, Vikas Henna, Ellaine Zunta-Soares, Giovana **Soares JC**. *Bilateral Hippocampal Volume Decreases in Pediatric Patients on Valproic Acid Treatment*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2011 May. (Biological Psychiatry; vol. 69, no. 9S:559)
14. Sanches, Marsal Nicoletti, Mark Zunta-Soares, Giovana B. Hatch, John, **Soares JC**. *Gender Differences in Serum Cortisol Levels among Patients with Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2010 May. (Biological Psychiatry; vol. 67, no. 9S:787)
15. Amorim, Ediberto Sanches, Marsal Nicoletti, Mark Zunta-Soares, Giovana B. Hatch, John Soares, **Soares JC**. *Limbic System Morphometry in Unaffected Relatives of Patients with Bipolar Disorder: An Automated Brain Image Segmentation and Volumetry Approach*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2010 May. (Biological Psychiatry; vol. 67, no. 9S:771)
16. Sanches, Marsal Nicoletti, Mark Zunta-Soares, Giovana B. Hatch, John **Soares JC**. *Negative Correlations between the Medical Orbitofrontal Cortex Volume and Anxiety Symptoms among Patients with Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2010 May. (Biological Psychiatry; vol. 67, no. 9S:770)
17. Sanches, Marsal Nicoletti, Mark Zunta-Soares, Giovana B. Hatch, John **Soares JC**. *Possible Influence of Duration of Illness on the Volume of Prefrontal Cortex Structures in*

- Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2010 May. (Biological Psychiatry; vol. 67, no. 9S:769)
18. Sanches, Marsal Nicoletti, Mark Zunta-Soares, Giovana B. Hatch, John **Soares JC**. *Decreased Entorhinal Cortex Volume Among Patients with Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2010 May. (Biological Psychiatry; vol. 67, no. 9S:768)
  19. Moreira AL, Frazier TW, Hahn T, Blair WR, Nery FG, Zunta-Soares GB, Matsuo K, Bearden C, Glahn D, **Soares JC**. *Memory Functioning and Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:427).
  20. Nguyen T, Madsen SK, Foland-Ross LC, Thompson PM, Nicoletti MA, Brambilla P, **Soares JC**, Bearden CE. *Corpus Callosum Morphology in Pediatric Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:450).
  21. Frazier TW, Nery FG, Zunta-Soares GB, Matsuo K, Hahn T, Monkul ES, Nicoletti MA, Hatch J, Bearden CE, Glahn D, **Soares JC**. *Unmedicated Bipolar Patients do not Show Improvement of Neurocognitive Deficits after a Short-Course of Lithium*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:452).
  22. Monkul ES, Nery FG, Zunta-Soares GB, Hatch JP, Nicoletti MA, Lancaster JL, Fox PT, **Soares JC**. *Myelin Content Abnormalities in the Cerebellum in Adult Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:453).
  23. Carvalho MM, Baloch HA, Tinney Q, Hatch JP, Caetano S, Zunta-Soares GB, Olvera R, Frazier TW, Youngstrom EA, **Soares JC**. *Comorbidity Patterns in Pediatric Affective Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:457).
  24. McClure RK, Walss-Bass C, Nicoletti MA, Nery FG, Matsuo K, Zunta-Soares GB, Hatch JP, Olvera R, Escamilla MA, **Soares JC**. *Association of NRG1 snp rs3924999 with Lifetime History of Psychosis and Decreased Cingulate Grey Matter Volume in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:464).
  25. Hahn T, Frazier TW, Blair WR, Hatch JP, Nery FG, Nicoletti MA, Zunta-Soares GB, Matsuo K, Bearden CE, Glahn D, **Soares JC**. *Risk Taking and Response Inhibition in Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:465).
  26. Yeh P-H, Monkul ES, Nicoletti MA, Nery FG, Hatch JP, Zunta-Soares GB, Lancaster JL, **Soares JC**. *Abnormal Brain Connection in Bipolar Disorder: A Probabilistic Diffusion Tractography Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:466).
  27. Yeh P-H, Nery FG, Nicoletti MA, Hatch JP, Zunta-Soares GB, **Soares JC**. *Longitudinal Brain Volume Recovery in Lithium-Treated Patients with Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:467).

28. Benedetti F, Yeh P-H, Radaelli D, Bellani M, Nicoletti MA, Falini A, Rambaldelli G, Bernasconi A, Dallasepezia S, Colombo C, Smeraldi E, **Soares JC**, Brambilla P. *Voxelwise Analysis of Diffusion Tensor Imaging Data in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:471).
29. Baloch HA, Pierson M, Carvalho MM, Frazier TW, Caetano S, Zunta-Soares GB, Olvera R, Hatch JP, Nicoletti MA, Youngstrom EA, **Soares JC**. *Pregnancy and Obstetric Complications as Risk Factors for Pediatric Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:491).
30. **Soares JC**, Strakowski SM, Frye MA, Swann AC. *Neurobiology of Bipolar Disorder: Impulsivity, Recurrence, and Substance Abuse*. Presented at the Annual Congress of the Society of Biological Psychiatry as Workshop; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:533).
31. Yeh P-H, Zhu H, Nicoletti MA, Baloch HA, Hatch JP, Caetano S, Zunta-Soares GB, Olvera R, **Soares JC**. *Different regional patterns of gray matter volume and cortical thickness between adolescent bipolar and major depressive disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry as Workshop; 2009 May. (Biological Psychiatry; vol. 65, no. 8S:789).
32. Yeh P-H, Zhu H, Nicoletti MA, Baloch HA, Hatch JP, Caetano S, Zunta-Soares GB, Olvera R, **Soares JC**. *Different regional patterns of gray matter volume and cortical thickness between adolescent bipolar and major depressive disorders*. Submitted to International Society for Magnetic Resonance in Medicine, 17<sup>th</sup> Scientific Meeting and Exhibition, Honolulu, USA (May, 2009)
33. Yeh P-H, Zhu H, Nicoletti MA, Baloch HA, Hatch JP, Caetano S, Zunta-Soares GB, Olvera R, **Soares JC**. *Latent Volumetric Structure of Gray Matter in Adolescent Bipolar Disorder Using Factor Analysis and Structural Equation Modeling*. Submitted to International Society for Magnetic Resonance in Medicine, 17<sup>th</sup> Scientific Meeting and Exhibition, Honolulu, USA (May, 2009)
34. Yeh P-H, Zhu H, Nicoletti MA, Baloch HA, Hatch JP, Caetano S, Zunta-Soares GB, Olvera R, **Soares JC**. *Characterizing structural MR brain changes of child and adolescent bipolar disorder patients using Random Forests classification*. Submitted to International Society for Magnetic Resonance in Medicine, 17<sup>th</sup> Scientific Meeting and Exhibition, Honolulu, USA (May, 2009)
35. Yeh P-H, Monkul ES, Nicoletti MA, Nery FG, Zunta-Soares GB, Lancaster JL, **Soares JC**. *Macrostructural and microstructural abnormalities of the neurocircuitry in bipolar disorder: a study of structural MR and diffusion tensor imaging data*. Submitted to International Society for Magnetic Resonance in Medicine, 17<sup>th</sup> Scientific Meeting and Exhibition, Honolulu, USA (May, 2009)
36. Yeh P-H, Monkul ES, Nicoletti MA, Nery FG, Zunta-Soares GB, Li J, Lancaster J, **Soares JC**. *Tract-Based Spatial Statistics (TBSS) of Diffusion Tensor Imaging Data in Bipolar Disorder: Abnormalities of the Neurocircuitry*. International Society for Magnetic Resonance in Medicine, 16<sup>th</sup> Scientific Meeting and Exhibition, Toronto, Canada (May, 2008)
37. Yeh P-H, Zhu H, Nicoletti MA, Hatch JP, Brambilla P, **Soares JC**. *Structural Equation Modeling (SEM) of Gray Matter Volumes in Unipolar and Bipolar Disorders: Differences*

- in Latent Volumetric Structure*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2008 May. (Biological Psychiatry; vol. 63, no. 8S).
38. Yeh P-H, Monkul ES, Nicoletti MA, Nery FG, Zunta-Soares GB, Li J, Lancaster J., **Soares JC**. *Tract-Based Spatial Statistics (TBSS) of Diffusion Tensor Imaging Data in Bipolar Disorder: Abnormalities of the Neurocircuitry*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2008 May. (Biological Psychiatry; vol. 63, no. 8S).
  39. Yeh P-H, Monkul ES, Nicoletti MA, Nery FG, Zunta-Soares GB, Li J, Lancaster J, **Soares JC**. *Gray and White Matter Microstructural Abnormalities in Unmedicated Bipolar Disorder: A Diffusion Tensor Imaging and Voxel Based Morphometry Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2008 May. (Biological Psychiatry; vol. 63, no. 8S).
  40. Joseph MF, Youngstrom EA, Caetano SC, Hatch JP, Olvera RL, Walss-Bass C, Nicoletti MA, Pliszka SR, Escamilla MA, **Soares JC**. *Possible interaction among BDNF genotype, family environment and brain N-acetyl-aspartate levels in pediatric bipolar disorder*. Presented at the 49<sup>th</sup> Annual Short Course on Experimental and Mammalian Genetics, Bar Harbor, ME.
  41. Shailesh J, Belardinelli C, Nicoletti MA, Caetano SC, Olvera RL, Hatch JP, Mezzomo K, Fonseca MM, Zunta GB, Pliszka SR, **Soares JC**. *Effects of Family History of Mood Disorders and Bipolar Disorder (BPD) Diagnosis on Left Subgenual Prefrontal Cortex (LSGFPC) Volumes in a Pediatric Sample*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:200).
  42. Quinones MP, Estrada C, Ahmadi S, Nery FG, Torres V, Olvera RL, Hatch JP, Vipraio G, Pliszka SR, Escamilla MA, Walls-Bass C, **Soares JC**. *Reduction in the Availability of the Neurotrophic Factor Insulin Growth Factor (IGF)-1, but not Brain Derived Neurotrophic Factor (BDNF), in individuals with Mood Disorders May Result from Synergistic Effects of Disease-Specific Processes and Normal Age-Associated Reduction in Circulating Levels*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:734).
  43. Quinones MP, Nery FG, Ahmadi S, Torres V, Estrada C, Olvera RL, Hatch JP, Vipraio G, Pliszka SR, **Soares JC**. *Infectious Diseases and the Pathogenesis of Pediatric and Adult Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:733).
  44. Quinones MP, Nery FG, Ahmadi S, Torres V, Estrada C, Olvera RL, Hatch JP, Vipraio G, Pliszka SR, **Soares JC**. *Plasma Level of CC Chemokine Ligand (CCL)-22 and CCL5 as Biomarkers in Adult or Pediatric Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:306).
  45. Quinones MP, Torres V, Nery FG, Ahmadi S, Estrada C, Olvera RL, Hatch JP, Vipraio G, Pliszka S, **Soares JC**. *Differential Involvement of Inflammatory Markers in Adult and Pediatric Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:27).
  46. Quinones MP, Ahmadi S, Nery FG, Estrada C, Olvera RL, Hatch JP, Vipraio G, Pliszka S, **Soares JC**. *Plasma TNF-RII as a New Specific Biomarker for the Pathogenesis of Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:16).

47. Olvera RL, Pliszka SR, Dierschke NA, Stanley JA, Nicoletti MA, Hatch JP, Li J, **Soares JC**. *A Proton Magnetic Spectroscopy Study of Juvenile Offenders with Mood and Impulse-Control Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:12).
48. Nery FG, Glahn DC, Bearden CE, Monkul ES, Zunta GB, Fonseca MM, **Soares JC**. *Neurocognitive Deficits in Bipolar Disorder with Comorbid Alcoholism*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:729).
49. Nery FG, Chen HH, Hatch JP, Nicoletti MA, Mallinger AG, **Soares JC**. *Orbitofrontal Cortex Volumes Correlate with Mood State in Bipolar Disorder: A Structural MRI Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:728).
50. Nery FG, Hatch JP, Monkul ES, Peluso MA, Fonseca MM, Zunta GB, Bowden CL, **Soares JC**. *Association Between Impulsivity and Alcoholism in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:727).
51. Nery FG, Matsuo K, Nicoletti MA, Dierschke NA, Monkul ES, Fonseca MM, Zunta GB, Hatch JP, Lafer B, **Soares JC**. *Small Gray and White Matter Volumes in Bipolar Disorder Patients with Comorbid Alcoholism: An Optimized Voxel-Based Morphometry Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:726).
52. Nery FG, Stanley JA, Chen HH, Hatch JP, Nicoletti MA, Monkul ES, Lafer B, **Soares JC**. *Low Glutamate Concentrations in the Left Dorsolateral Prefrontal Cortex of Patients with Bipolar Disorder and Comorbid Alcoholism: A <sup>1</sup>H Spectroscopy Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:725).
53. Nery FG, Monkul ES, Hatch JP, Fonseca MM, Zunta GB, Frey BN, Bowden CL, **Soares JC**. *Cox-2 Inhibitor (Celecoxib) as an Adjunct in the Treatment of Depressive or Mixed Episodes of Bipolar Disorder: A Double-Blind, Randomized, Placebo-Controlled Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:555).
54. Monkul ES, Nicoletti MA, Matsuo K, Nery FG, Sanches M, Peluso MA, Najt P, **Soares JC**. *Suicide and Brain regions Underlying Decision-Making and Uncertainty: A Voxel Based Morphometry Study of Female Patients with Major Depression*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8S:304).
55. Monkul ES, Hatch JP, Peluso MA, Sanches M, Matsuo K, Nery FG, Najt P, Fonseca MM, **Soares JC**. *Suicide Attempts and Hostility in Major Depression*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:281).
56. Monkul ES, Hatch JP, Peluso MA, Sanches M, Matsuo K, Nery FG, Najt P, Fonseca MM, **Soares JC**. *Suicide Attempts and Impulsivity in Major Depression: Are Men Different from Women?* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:280).
57. Monkul ES, Narayana S, Silva L, Peluso MA, Zamarripa F, Najt P, Nery FG, Li J, Lancaster J, Fox PT, **Soares JC**. *Abnormal Dorsolateral Prefrontal Activity and*

- Connectivity in Depressed Outpatients with Major Depression: A TMS/PET Study.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:13).
58. Monkul ES, Narayana S, Silva L, Peluso MA, Zamarripa F, Najt P, Nery FG, Li J, Lancaster J, Fox PT, **Soares JC.** *Abnormal Resting State Corticolimbic Activity in Depressed Unmedicated Patients with Major Depression: A 15O-H2O PET Study.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:11).
  59. Mezzomo K, Olvera RL, Caetano SC, Fonseca MM, Belardinelli C, Zunta GB, Hunter K, Hatch JP, Pliszka SR, **Soares JC.** *Family Environment in Pediatric Unipolar Depression.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:301).
  60. Mezzomo K, Olvera RL, Caetano SC, Matsuo K, Hatch JP, Dierschke NA, Nicoletti MA, Fonseca MM, Belardinelli C, Zunta GB, Pliszka SR, **Soares JC.** *White Matter Abnormalities in Pediatric Bipolar Disorder - A Voxel-Based Morphometry (VBM) Study.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:299).
  61. Matsuo K, Walls-Bass C, Nicoletti MA, Dierschke NA, Hatch JP, Nery FG, Frey BN, Monkul ES, Zunta GB, Bowden CL, Escamilla MA, **Soares JC.** *Brain-Derived Neurotrophic Factor Val66met Polymorphism and Morphometric Abnormality in Bipolar Disorder Patients.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:458).
  62. Matsuo K, Nicoletti MA, Peluso MA, Dierschke NA, Hatch JP, Nery FG, Monkul ES, **Soares JC.** *Smaller Anterior Cingulate Volumes Associated with Impulsivity in Bipolar Disorder Patients.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:457).
  63. Holmes MK, Glahn DC, Bearden CE, Fonseca MM, Monkul ES, Nery FG, **Soares JC.** *Risk Taking and Impulsivity in Bipolar Disorder: Impact of History of Alcohol Abuse.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:375).
  64. Frey BN, Walls-Bass C, Hatch JP, Nery FG, Nicoletti MA, Chen HH, Monkul ES, Matsuo K, Zunta GB, Stanley JA, Escamilla MA, **Soares JC.** *Effects of BDNF Val66met Polymorphism on Brain Neurochemistry in Bipolar Disorder Patients: a <sup>1</sup>H MRS Study.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:186).
  65. Cali S, Nielson N, Hatch JP, Nicoletti MA, Dierschke NA, Monkul ES, Nery FG, Zunta GB, Matsuo K, Peluso MA, Fonseca MM, **Soares JC.** *Corpus Callosum Integrity and Impulsivity in Mood Disorders.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:178).
  66. Bearden CE, **Soares JC,** Klunder AD, Nicoletti MA, Dierschke NA, Hayashi KM, Brambilla P, Sassi RB, Ryan ND, Birmaher B, Axelson D, Thompson PM. *Three-Dimensional Mapping of Hippocampal Anatomy in Adolescents with Early-Onset Bipolar Disorder.* Presented at the Annual Congress of the Society of Biological Psychiatry; 2007 April. (Biological Psychiatry; vol. 61, no. 8s:593).
  67. Zunta GB, Caetano SC, Nicoletti MA, Hatch JP, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer D, **Soares JC.** *Illness Duration and Total Brain Gray Matter in Bipolar*

- Disorder: Evidence for Neurodegeneration?* Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:487).
68. Tordesillas-Gutierrez D, Glahn DC, Franklin C, Barrett J, Caetano SC, **Soares JC**, Fox PT. *Structural Study of the Hippocampus in Bipolar Disorder: Comparison Between Euthymic Patients and Healthy Subjects*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:259).
  69. Silva LP, Bisewski GR, Peluso MA, Hatch JP, Nery FG, Monkul ES, Sanches M, Najt P, Glahn DC, Bowden CL, **Soares JC**. *Hostility, Affective Disorders and Alcoholism*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:439).
  70. Olvera RL, Caetano SC, Fonseca MM, Nicoletti MA, Stanley JA, Chen HH, Hatch JP, Hunter K, Pliszka SR, **Soares JC**. *N-Acetyl Aspartate Reduction in the Dorsolateral Prefrontal Cortex of Pediatric Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:729).
  71. Nery FG, Stanley JA, Chen HH, Nicoletti MA, Hatch JP, Monkul ES, Caetano SC, Sanches M, Najt P, Peluso MA, Silva LP, Ortiz O, **Soares JC**. *Glutamergic Abnormalities in Dorsolateral Prefrontal Cortex of Patients with Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:505).
  72. Nery FG, Hatch JP, Glahn DC, Nicoletti MA, Monkul ES, Sanches M, Najt P, Matsuo K, Bowden CL, Cloninger CR, **Soares JC**. *Chronicity and Severity in Major Depressive Disorder and their Relationship with Personality Traits*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:212).
  73. Matsuo K, Rosenberg DR, Easter PC, MacMaster FP, Chen HH, Nicoletti MA, Caetano SC, Hatch JP, **Soares JC**. *Abnormal Striatum in Medication-Naive Pediatric Unipolar Depression Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:617).
  74. Matsuo K, Nicoletti MA, Nemoto K, Peluso MA, Nery FG, Monkul ES, Sanches M, Silva LP, Caetano SC, Najt P, Vipraio G, Glahn DC, **Soares JC**. *Orbitofrontal Cortex Gray Matter Volume is Inversely Associated with Impulsivity in Healthy Individuals: A Voxel-Based Morphometry Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:404).
  75. Glahn DC, Bearden CE, Barrett J, Barguil M, Nery FG, Velligan DI, **Soares JC**. *Declarative Memory Impairment Accentuated by History of Psychosis in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:675).
  76. Frey BN, Nery FG, Stanley JA, Chen HH, Nicoletti MA, Hatch JP, Monkul ES, Caetano SC, Ortiz O, **Soares JC**. *Lower Creatine+Phosphocreatine in the Left Dorsolateral Prefrontal Cortex in Unmedicated Bipolar Disorder Subjects: A Magnetic Resonance Spectroscopy Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:185).
  77. Fonseca MM, Caetano SC, Chen HH, Nicoletti MA, Stanley JA, Hatch JP, Olvera RL, Hunter K, Ortiz O, Pliszka SR, **Soares JC**. *A Proton Chemical Shift Imaging Study in Pediatric Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:397).

78. Coyle TR, Kochunov P, Patel RD, Nery FG, Lancaster JL, Mangin JF, Riviere D, Pillow DR, Davis GJ, Nicoletti MA, Monkul ES, Fox PT, **Soares JC**. *Cortical Sulci and Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:477).
79. Chen HH, Stanley JA, Nicoletti MA, Hatch JP, Sanches M, Caetano SC, Fonseca MM, Najt P, Matsuo K, Monkul ES, Peluso MA, Silva LA, Ortiz O, **Soares JC**. *Gender Effects on Brain Metabolite Levels in Unipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:375).
80. Chen HH, Stanley JA, Caetano SC, Nicoletti MA, Hatch JP, Monkul ES, Nery FG, Fonseca MM, Ortiz O, **Soares JC**. *A Multi-Voxel <sup>1</sup>H Magnetic Resonance Spectroscopy Investigation in Bipolar Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:214).
81. Caetano SC, Fonseca MM, Chen HH, Nicoletti MA, Stanley JA, Hatch JP, Olvera RL, Hunter K, Ortiz O, Pliszka SR, **Soares JC**. *Proton Chemical Shift Imaging in Pediatric Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:682).
82. Belardinelli C, Fonseca MM, Caetano SC, Olvera RL, Nicoletti MA, Hatch JP, Pliszka SR, **Soares JC**. *Functioning of Families with Juvenile Bipolar Offspring*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:90).
83. Bearden CE, Glahn DC, Caetano SC, Fonseca MM, Olvera RL, Najt P, Hunter K, Pliszka SR, **Soares JC**. *Deficits in Working Memory and Executive Function in Juvenile Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2006 May. (Biological Psychiatry; vol. 59, no. 8s:616).
84. **Soares JC**. *Lithium and Neuroprotection-Evidence from in vivo Brain Imaging Studies*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
85. Nery FG, Borba EF, **Soares JC**, Bonfa E, Neto FL. *Associations of Depressive Disorder, Psychosocial Stress and Disease Activity in Systemic Lupus*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
86. Nery FG, Borba EF, **Soares JC**, Bonfa E, Neto FL. *Prevalence of Psychiatric Manifestations in Patients with Systemic Lupus Erythematosus and Association with Anti-Ribosomal P Autoantibodies*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
87. Fonseca M, Caetano SC, Kaur S, Nicoletti M, Olvera RL, Hunter K, Ortiz O, Hatch JP, Bowden CL, Pliska S, **Soares JC**. *MRI Study of the Cingulate Cortex in Children and Adolescents with Bipolar Disorder: A Replication Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
88. Fonseca M, **Soares JC**, Hatch JP, Santin AP, Kapczynsky F. *An Open Trial of Escitalopram in Bipolar Depression*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).



89. Fonseca M, Caetano SC, Olvera RL, Hatch JP, Hunter K, Nicoletti M, Pliszka S, Bowden CL, Cloninger R, **Soares JC**. *Assessment of Personality Traits in Pediatric Bipolar Disorder Using the Junior Temperament and Character Inventory*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
90. Najt P, Nicoletti M, Chen HH, Hatch JP, Sassi R, Axelson D, Brambilla P, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Anatomical Measurements of the Orbitofrontal Cortex in Child and Adolescent Patients with Bipolar Disorder*. Presented at the Annual Congress of the Society of Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
91. Caetano SC, Olvera RL, Hunter K, Fonseca M, Hatch JP, Bowden CL, Pliszka S, **Soares JC**. *Comorbid Bipolar Disorder and Anxiety in Pediatric Patients*. Presented to the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
92. Glahn DC, Bearden CE, Caetano SC, Fonseca M, Najt P, Hunter K, Pliszka S, Olvera RL, **Soares JC**. *Declarative Memory Impairment in Pediatric Bipolar Disorder*. Presented at the Annual Congress of the Society of Biology; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
93. Glahn DC, Barrett J, Bearden CE, Mintz J, Green MF, Monkul S, Najt P, **Soares JC**, Velligan DI. *Dissociable Mechanisms of Memory Impairment in Bipolar Disorder and Schizophrenia*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
94. Nery FG, Hatch JP, Glahn DC, Nicoletti M, Monkul S, Najt P, Kaur S, Fonseca M, Bowden CL, Cloninger RC, **Soares JC**. *Temperament and Character in Symptomatic Bipolar Patients*. Presented at the Annual Congress of the Society of Biology; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
95. Nery FG, Hatch JP, Glahn DC, Nicoletti M, Monkul S, Najt P, Kaur S, Fonseca M, Bowden CL, Cloninger CR, **Soares JC**. *Personality Traits in Bipolar Disorder with Alcohol or Anxiety Co-Morbidity*. Presented at the Annual Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
96. Matsuo K, Glahn DC, Peluso MA, Monkul S, Najt P, Zamarripa F, Li J, Lancaster J, Fox P, Gao JH, **Soares JC**. *An fMRI Study of Working Memory in Untreated Depressed Individuals*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
97. Bearden CE, Glahn DC, Monkul S, Barrett J, Najt P, Sanches M, Villarreal V, Bowden CL, **Soares JC**. *Sources of Declarative Memory Impairment in Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
98. Peluso MAM, Glahn DC, Monkul S, Najt P, Zamarripa F, Li J, Lancaster J, Fox P, Gao JH, **Soares JC**. *Right Amygdala Hyperactivation in Untreated Depressed Individuals*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
99. Peluso MAM, Hatch JP, Glahn D, Monkul S, Sanches M, Najt P, Kaur S, Bowden CL, Barratt ES, **Soares JC**. *Impulsivity and Hostility in Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).

100. Solomon BD, Nicoletti M, Hatch JP, Monkul S, Villarreal V, Bowden CL, **Soares JC**. *Anatomical Examination of Sub-Genua Prefrontal Cortex in Adult Bipolar patients: A Non-Replication Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
101. **Soares JC**, Bearden CE, Dalwani M, Hayashi KM, Lee A, Glahn D, Nicoletti M, Trahkenbroit M, Brambilla P, Sassi R, Mallinger AG, Frank E, Kupfer D, Thompson PM. *Cortical Gray Matter Abnormalities Mapped in Patients with Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2005 May. (Biological Psychiatry; vol. 57, no. 8s).
102. Cakir S, Glahn DC, **Soares JC**, Barrett J, Velligan DI. *Evidence for a working memory domain by diagnosis interaction: dissociating schizophrenia and bipolar disorder*; 2005 Apr. p. 352-352. (Schizophrenia Bulletin; vol. 31, no. 2).
103. Caetano S, Olvera R, Hunter K, Nicoletti M, Dalwani M, Ortiz O, Hatch JP, Bazan C, Bowden CL, Pliszka SR, **Soares JC**. *Abnormal Amygdala Volumes in Pediatric Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
104. Caetano S, Olvera R, Hunter K, Najt P, Hatch JP, Bowden CL, Pliszka SR, **Soares JC**. *Association of Psychotic Symptoms and Suicidal Plans in Pediatric Bipolar patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
105. Olvera RL, Glahn DC, Caetano Sheila C., Bearden Carrie E., Najt P., Hunter K., Bowden CL, Pliszka SR, **Soares JC**. *Neuropsychological Deficits in Patients with Juvenile Onset Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
106. Brambilla P, Stanley MA, Nicoletti MA, Sassi RB, Mallinger AG, Kupfer DJ, Frank E, Keshavan MS, **Soares JC**. *Magnetic resonance Spectroscopy Investigations Of Dorsolateral Prefrontal Cortex In Adult Bipolar Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
107. Chen HH, Monkul SE, Nicoletti MA, Hatch JP, Sassi RB, Axelson D, Brambilla P, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Abnormal Left Superior Temporal Gyrus Volumes in children and Adolescents with Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
108. Glahn DC, Kaur S, Bearden CE, Monkul S, Sanches M, Najt P, Villarreal V, Bowden CL, **Soares JC**. *Declarative Memory Dysfunction in Patients with Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
109. Kaur S, Macedo-Soares C, Brambilla P, Nicoletti MA, Sassi RB, Axelson D, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Corpus Callosum Signal Intensity in Young Bipolar Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
110. **Soares JC**, Kochunov P, Monkul ES, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Lancaster J, Fox PT. *Gender Specific Structural Abnormalities in Bipolar Disorder by Deformation Field Morphometry*. Presented at the Annual

- Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
111. Monkul ES, Fawthrop SC, Brambilla P, Nicoletti MA, Sassi RB, Lacerda LT, Mallinger AG, Kupfer DJ, Keshavan MS, Frank E, **Soares JC**. *Frontal-Limbic Brain Structures in Suicidal and Nonsuicidal Patients with Unipolar Depression*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  112. **Soares JC**. *Frontal-Limbic Brain Abnormalities in Bipolar Disorder: Findings from Adult and Pediatric Studies*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  113. Caetano SC, Nicoletti MA, Hatch J, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. *Associations of Age and Length of Illness with Hippocampus and Amygdala Volumes in Mood Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  114. Sassi RB, Stanley JA, Axelson D, Brambilla P, Nicoletti MA, Keshavan MS, Ramos RT, Ryan ND, Birmaher B, **Soares JC**. *Reduced N-Acetyl-Aspartate Levels in the Dorsolateral Prefrontal Cortex of Adolescent Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  115. Monkul ES, Sassi RB, Axelson D, Brambilla P, Nicoletti MA, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *MRI study of the Cerebellum and Vermis in Children and Adolescents with Bipolar Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  116. Brambilla P, McDonald AW, Sassi RB, Johnson MK, Mallinger AG, Frank E, Kupfer DJ, Carter CS, **Soares JC**. *Context Processing Performance in Bipolar Disorder Patients*. Presented at the Annual Congress the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  117. Brambilla P, Stanley JA, Sassi RB, Mallinger AG, Kupfer DJ, Frank E, Keshavan MS, **Soares JC**. *Investigation of Dorso-Lateral Prefrontal Cortex in Unipolar Patients with <sup>1</sup>H Magnetic Resonance Spectroscopy*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  118. Sanches M, Nicoletti MA, Monkul ES, Chen HH, Rajkowska G, **Soares JC**. *An MRI-Based Approach for the Measurement of the Dorsolateral Prefrontal Cortex in Humans*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  119. Monkul ES, Dalwani M, Nicoletti MA, Glahn DC, Kochunov P, Caetano SC, Brambilla P, Sassi RB, Mallinger AG, Keshavan MS, **Soares JC**. *Brain Gray Matter Changes after Lithium Treatment: A Voxel-Based Morphometry Study in Healthy Individuals*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
  120. Sanches M, Roberts T, Sassi RB, Axelon D, Nicoletti MA, Brambilla P, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Developmental Abnormalities in Striatum among Young Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).

121. Glahn DC, Barrett J, Velligan DI, Kaur S, Monkul ES, Sanches M, Truesdell KC, Bowden CL, **Soares JC**. *Bipolar Patients Impaired on Working Memory Task Sensitive to Genetic Liability for Schizophrenia*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
122. Truesdell KC, Glahn DC, Kaur S, Monkul S, Sanches M, Najt P, Villarreal V, Bowden CL, **Soares JC**. *Attention Deficits in Bipolar Disorder: A Comparison of Performance on the Continuous Performance Task*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
123. Kaur S, Brambilla P, Sassi RB, Nicoletti MA, Caetano SC, Hatch JP, Keshavan MS, Mallinger AG, Kupfer DJ, Frank E, **Soares JC**. *Smaller Cingulate Gray Matter Volumes in Unipolar Depression*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2004 Apr. (Biological Psychiatry; vol. 55, no. 8s).
124. Chen B, Sassi RB, Axelson D, Nicoletti MA, Brambilla P, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Abnormal Amygdala Development In Bipolar Adolescents: Preliminary Findings*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2003 May. (Biological Psychiatry; vol. 53, no. 8s).
125. Lacerda ALT, Hardan AY, Keshavan MS, Yorbik O, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, **Soares JC**. *An MRI Study of the Orbitofrontal Cortex in Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2003 May. (Biological Psychiatry; vol. 53, no. 8s).
126. Kaur S, Sassi RB, Axelson D, Nicoletti M, Brambilla P, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. *Anatomical MRI Study of Cingulate Cortex in Adolescent Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2003 May. (Biological Psychiatry; vol. 53, no. 8s).
127. Brambilla P, Sala M, Nicoletti M, Sassi RB, Frank E, Mallinger AG, Kupfer DJ, Keshavan MS, **Soares JC**. *Dorsolateral Prefrontal Cortex Volumes in Lithium-Treated Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2003 May. (Biological Psychiatry; vol. 53, no. 8s).
128. Brambilla P, Stanley JA, Sassi RB, Nicoletti M, Mallinger AG, Keshavan MS, **Soares JC**. *In Vivo Effects of Lithium in Dorsolateral Prefrontal Cortex in Healthy Human Subjects: A <sup>1</sup>H MRS Study*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2003 May. (Biological Psychiatry; vol. 53, no. 8s).
129. Lacerda ALT, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. *Anatomical MRI Study of Basal Ganglia in Major Depressive Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2002. (Biological Psychiatry; vol. 51, no. 8s).
130. Brambilla P, Nicoletti MA, Mallinger AG, Kupfer DJ, Keshavan MS, Soloff P, **Soares JC**. *MRI Anatomical Study in Borderline Personality Disorder*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2002. (Biological Psychiatry; vol. 51, no. 8s).
131. Sassi RB, Nicoletti M, Brambilla P, Harenski K, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. *Decreased Pituitary Volume in Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2001. (Biological Psychiatry; vol. 49, no. 8s).

132. Brambilla P, Harenski K, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. *Are Amygdala Volumes Abnormal in Bipolar Disorder Patients?* Presented at the Annual Congress of the Society of Biological Psychiatry; 2001. (Biological Psychiatry; vol. 49, no. 8s).
133. **Soares JC**, Gershon S. The diagnostic boundaries of bipolar disorder. 2000 Mar. p. 1-2. (Bipolar Disorder; vol. 2, no. 1).
134. **Soares JC**, Innis RB, Renshaw P, Anand A, Drevets W. *Neurochemical Brain Imaging Findings in Mood Disorders*. Presented at the Annual Congress of the Society of Biological Psychiatry; 2000. (Biological Psychiatry; vol. 47, no. 8s).
135. **Soares JC**, Innis RB. *Neurochemical brain imaging investigations of schizophrenia*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1999 Sep. (Biological Psychiatry; vol. 46, no. 8s).
136. **Soares JC**, Chen G, Dippold CS, Frank E, Kupfer DJ, Mnaji HK, Mallinger AG. *PIP 2 and PKC Platelet Measures Do Not Correlate in Bipolar Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1999. (Biological Psychiatry; vol. 45, no. 8s).
137. **Soares JC**, Keshavan MS, Boada F, Spencer S, Wells KF, Mallinger AG, Frank E, Gershon S, Kupfer DJ. *Brain 7 Li MRS Measures at 3T in Bipolar Disorders Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1999. (Biological Psychiatry; vol. 45).
138. **Soares JC**, Boada F, Spencer S, Wells KF, Mallinger AG, Frank E, Gershon S, Kupfer DJ, Keshavan MS. *NAA and Choline Measures in the Anterior Cingulate of Bipolar Disorder Patients*. Presented at the Annual Congress of Biological Psychiatry; 1999. (Biological Psychiatry; vol. 45).
139. **Soares JC**, Dippold CS, Mallinger AG, Frank E, Kupfer DJ. *Effects of Lithium on Platelet Membrane Phosphoinositides in Bipolar Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1998. (Biological Psychiatry; vol. 43).
140. **Soares JC**, Mann JJ. *The anatomy of mood disorders-review of structural neuroimaging studies*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1997 Jan. (Biological Psychiatry; vol. 41, no. 1).
141. **Soares JC**, Dippold CS, Mallinger AG. *Platelet Membrane Phosphatidylinositol 4,5 Bisphosphate Relative Volume Measures in Lithium-Treated Euthymic Bipolar Disorder Patients*. Presented at the Annual Congress of the Society of Biological Psychiatry; 1997. (Biological Psychiatry; vol. 41).

## **B. Refereed Original Articles in Journals**

1. Mwangi B, Spiker D, Zunta-Soares GB, **Soares JC**. Prediction of pediatric bipolar disorder using neuroanatomical signatures of the amygdala. *Bipolar Disord*. 2014 Nov;16(7):713-21. PMID: 24917530
2. Sanches M, Bauer IE, Galvez JF, Zunta-Soares GB, **Soares JC**. The Management of Cognitive Impairment in Bipolar Disorder: Current Status and Perspectives. *Am J Ther*. 2014 Nov 7. PMID: 25383489

3. Wu JQ, Chen da C, Tan YL, Tan S, Want Z, Yang F, **Soares JC**, Zhang XY. Association of altered CuZn superoxide dismutase and cognitive impairment in schizophrenia patients with tardive dyskinesia. *J Psychiatr Res.* 2014 Nov;58:167-74. PMID: 25151339
4. Ye M, Tang W, Liu L, Zhang F, Liu J, Chen Y, Chen da C, Tan YL, Yang FD, Hong Xiu M, Hui L, Lv MH, **Soares JC**, Zhang XY. Prevalence of tardive dyskinesia in chronic male inpatients with schizophrenia on long-term clozapine versus typical antipsychotics. *Int Clin Psychopharmacol.* 2014 Nov; 29(6):318-21. PMID: 24803102
5. Hui L, Han M, Huang XF, Ye MJ, Zheng K, He JC, Lv MH, Zhang BH, **Soares JC**, Zhang XY. Possible association between DBH 19 bp insertion/deletion polymorphism and clinical symptoms in schizophrenia with tardive dyskinesia. *J Neural Trasm.* 2014 Oct 22. PMID: 25336319
6. Tian L, Tan Y, Chen D, Lv M, Tan S, **Soares JC**, Zhang XY. Reduced serum TNF alpha level in chronic schizophrenia patients with or without tardive dyskinesia. *Prog Neuropsychopharmacol Biol Psychiatry.* 2014 Oct 3;54:259-64. PMID: 24994553
7. Zhang XY, Chen DC, Tan YL, Tan SP, Want ZR, Yang FD, Xiu MH, Hui L, Lv MH, Zunta-Soares GB, **Soares JC**. Gender difference in association of cognition with BDNF in chronic schizophrenia. 2014 Oct;48:136-46. PMID: 24999831
8. Sharma AN, Bauer IE, Sanches M, Galvez JF, Zunta-Soares GB, Quevedo J, Kapczinski F, **Soares JC**. Common biological mechanisms between bipolar disorder and type 2 diabetes: Focus on inflammation. *Neuropsychopharmacol Biol Psychiatry.* 2014 Oct 3;54:289-98. PMID 24969830
9. Ghouse AA, Sanches M, Zunta-Soares GB, **Soares JC**. Lifetime mood spectrum symptoms among bipolar patients and healthy controls: a cross sectional study with the Mood Spectrum Self-Reported questionnaire. *J Affect Disord.* 2014 Sep;166:165-7. PMID: 25012426
10. Galvez JF, Bauer IE, Sanches M, Wu HE, Hamilton JE, Mwangi B, Kapczinski FP, Zunta-Soares G, **Soares JC**. Shared clinical associations between obesity and impulsivity in rapid cycling bipolar disorder: a systematic review. *J Affect Disord.* 2014 Oct 15;168:306-16. PMID: 25086289
11. Bauer IE, Pascoe MC, Wollenhaupt-Aguiar B, Kapczinski F, **Soares JC**. Inflammatory mediators of cognitive impairment in bipolar disorder. *J Psychiatr Res.* 2014 Sep; 56:18-27. PMID:24862657
12. Bauer IE, Sanches M, Suchting R. Green CE, El Fangary NM, Zunta-Soares GB, **Soares JC**. Amygdala enlargement in unaffected offspring of bipolar parents. *J Psychiatr Res.* 2014 Sep 10. PMID: 25263277
13. Mwangi B, **Soares JC**, Hasan KM. Visualization and unsupervised predictive clustering of high-dimensional multimodal neuroimaging data. *J Neurosci Methods.* 2014 Oct 30;236:19-25. PMID 25117552
14. Tan SP, Jie-Feng Cui, Fan FM, Zhao YL, Chen N, Fan HZ, Zhang JG, Wang JH, Yoon JH, **Soares JC**, Zou YZ, Zhang XY. Smoking, MATRICS consensus cognitive battery and P50 sensory gating in a Han Chinese population. *Drug Alcohol Depend.* 2014 Oct 1; 143:51-7. PMID: 25124304
15. Sanches M, Scott-Gurnell K, Patel A, Caetano SC, Zunta-Soares GB, Hatch JP, Olvera R. Swann AC, **Soares JC**. Impulsivity in children and adolescents with mood disorders and

- unaffected offspring of bipolar parents. *Compr Psychiatry*. 2014 Aug;55(6):1337-41. PMID: 24889339
16. Wu JQ, Chen DC, Tan YL, Tan SP, Hui L, Lv MH, **Soares JC**, Zhang XY. Altered BDNF is correlated to cognition impairment in schizophrenia patients with tardive dyskinesia. *Psychopharmacology*. 2014 Jul 4. PMID: 24994553
17. Xiu MH, Yang GG, Tan YL, Chen da C, Tan SP, Wang ZR, Yang FD, Okusaga O, **Soares JC**, Zhang XY. Decreased interleukin-10 serum levels in first-episode drug-naïve schizophrenia: a relationship to psychopathology. *Schizophr Res*. 2014 Jun; 156(1):9-14. PMID 24766914
18. Lv MH, Tan YL, Yan SX, Tian L, Chen DC, Tan SP, Wang ZR, Yang FD, Yoon JH, Zunta-Soares GB, **Soares JC**, Zhang XY. Decreased serum TNF-alpha levels in chronic schizophrenia patients on long-term antipsychotics: correlation with psychopathology and cognition. *Psychopharmacology*. 2014 Jun 24 (Epub ahead of print).
19. Frazier TW, Youngstrom EA, Frankel BA, Zunta-Soares GB, Sanches M, Escamilla M, Nielsen DA, **Soares JC**. Candidate gene associations with mood disorder, cognitive vulnerability and fronto-limbic volumes. *Brain Behav*. 2014 May;4(3):418-30. PMID: 24944871
20. Csernansky JG, **Soares J**. 2014 President's Welcome. *Biol Psychiatry*. 2014 May 1; 75(9 Suppl):A9. PMID 24731725
21. Barbosa IG, Morato IB, de Miranda AS, Bauer ME, **Soares JC**, Teixeira AL. A preliminary report of increased plasma levels of IL-33 in bipolar disorder: further evidence of pro-inflammatory status. *J Affect Disord*. 2014 Mar; 157:41-4. PMID 24581826
22. Barbosa IG, Machado-Vieira R, **Soares JC**, Teixeira AL. The immunology of bipolar disorder. *Neurommunomodulation*. 2014;21(2-3):117-22. PMID: 24557044
23. Sanches M, Pigott T, Swann AS, **Soares JC**. First manic episode associated with use of human chronic gonadotropin for obesity: a case report. *Bipolar Disord*. 2013 Dec 18. Epub ahead of print. PMID 24350654
24. Ghouse AA, Sanches M, Zunta-Soares G, Swann AC, **Soares JC**. Overdiagnosis of bipolar disorder: a critical analysis of the literature. *Scientific World Journal*. 2013 Nov 20;2013:297087. PMID 24348150
25. Scott-Gurnell K, Ezeobele I, Blake J, Gerondale T, Sanches M, Averill PM, **Soares JC**. Psychopathological features during childhood and adolescence among adult bipolar patients. *Compr Psychiatry*. 2013 Oct 19. Epub ahead of print. PMID 24332386
26. Ferreira GS, Moreira CR, Kleinman A, Nader EC, Gomes BC, Teixeira AM, Rocca CC, Nicoletti M, **Soares JC**, Busatto GF, Lafer B, Caetano SC. Dysfunctional family environment in affected versus unaffected offspring of parents with bipolar disorder. *Aust N Z J Psychiatry*. 2013 Nov; 47(11):1051-7. PMID 24108060
27. Mwangi B, Tian TS, **Soares JC**. A Review of Feature Reduction Techniques in Neuroimaging. *Neuroinformatics*. 2013 Sep 8. Epub ahead of print. PMID 24013948
28. Selek S, Nicoletti M, Zunta-Soares GB, Hatch JP, Nery FG, Matsuo K, Sanches M, **Soares JC**. A longitudinal study of fronto-limbic brain structures in patients with bipolar I disorder during lithium treatment. *J Affect Disord*. 2013 Sep 5;150(2):629-33. PMID 23764385

29. Mwangi B, Hasan KM, **Soares JC**. Prediction of individual subject's age across the human lifespan using diffusion tensor imaging: a machine learning approach. *Neuroimage*. 2013 Jul 15;75:58-67. PMID 23501046
30. Nader EG, Kleinman A, Gomes BC, Bruscin C, dos Santos B, Nicoletti M, **Soares JC**, Lafer B, Caetano SC. Negative expressed emotion best discriminates families with bipolar disorder children. *J Affect Disord*. 2013 Jun;148(2-3):418-23.
31. Zappitelli MC, Bordin IA, Hatch JP, Caetano SC, Zunta-Soares G, Olvera RL, **Soares JC**. Temperament and character traits in children and adolescents with major depressive disorder: a case-control study. *Compr Psychiatry*. 2013 May;54(4):346-53.
32. Henna E, Hatch JP, Nicoletti M, Swann AC, Zunta-Soares G, **Soares JC**. Is impulsivity a common trait in bipolar and unipolar disorders?. *Bipolar Disord*. 2013 Mar;15(2):223-7.
33. Nery FG, Hatch JP, Monkul ES, Matsuo K, Zunta-Soares GB, Bowden CL, **Soares JC**. Trait impulsivity is increased in bipolar disorder patients with comorbid alcohol use disorders. *Psychopathology*. 2013;46(3):145-52. Epub 2012 Sep 20. PMID 23007160
34. Shad MU, Keshavan MS, Steinberg JL, Mihalakos P, Thomas BP, Motes MA, **Soares JC**, Tamminga CA. Neurobiology of self-awareness in schizophrenia: an fMRI study. *Schizophr Res*. 2012 Jul;138(2-3):113-9. Epub 2012 Apr 4. PMID 2248098
35. Saxena K, Tamm L, Walley A, Simmons A, Rollins N, Chia J, **Soares JC**, Emslie GJ, Fan X, Huang HJ. A Preliminary Investigation of Corpus Callosum and Anterior Commissure Aberrations in Aggressive Youth with Bipolar Disorders. *J Child Adolesc Psychopharmacol*. 2012 Feb 29. [Epub ahead of print] PMID: 22375854
36. Bellani M, Hatch JP, Nicoletti MA, Ertola AE, Zunta-Soares G, Swann AC, Brambilla P, **Soares JC**. Does anxiety increase impulsivity in patients with bipolar disorder or major depressive disorder? *J Psychiatr Res*. 2012 Feb 10. [Epub ahead of print] PMID: 22326294.
37. Nery FG, Matsuo K, Nicoletti MA, Monkul ES, Zunta-Soares GB, Hatch JP, Lafer B, **Soares JC**. Association between prior alcohol use disorders and decreased prefrontal gray matter volumes in bipolar I disorder patients. *Neurosci Lett*. 2011 Oct 3;503(2):136-40. PMID 21884753
38. Sanches M, **Soares JC**. New Drugs for Bipolar Disorder. *Curr Psychiatry Rep*. 2011 Dec;13(6):513-21. Review. PMID 21877160
39. Bellani M, Dusi N, Yeh PH, **Soares JC**, Brambilla P. The effects of antidepressants on human brain as detected by imaging studies. Focus on major depression. *Prog Neuropsychopharmacol Biol Psychiatry*. 2011 Aug 15;35(7):1544-52. PMID 21138750
40. Monkul ES, Silva LA, Narayana S, Peluso MA, Zamarripa F, Nery FG, Najt P, Li J, Lancaster JL, Fox PT, Lafer B, **Soares JC**. Abnormal resting state corticolimbic blood flow in depressed unmedicated patients with major depression: A(15) O-H(2) O PET study. *Hum Brain Mapp*. 2011 Mar 9. Doi: 10.1002/hbm.21212. PMID 21391267
41. Zappitelli MC, Bordin IA, Hatch JP, Caetano SC, Zunta-Soares G, Olvera RL, **Soares JC**. Lifetime psychopathology among the offspring of bipolar I parents. *Clinics (Sao Paulo)*. 2011;66(5):725-30. PMID 21789371
42. Caetano SC, Olvera RL, Hatch JP, Sanches M, Chen HH, Nicoletti M, Stanely JA, Fonseca M, Hunter K, Lafer B, Pliszka SR, **Soares JC**. Lower N-acetyl-aspartate levels in prefrontal cortices in pediatric bipolar disorder: a <sup>1</sup>H magnetic resonance spectroscopy study. *J Am Acad Child Adolesc Psychiatry*. 2011 Jan;50(1):85-94. PMID 21156273



43. Yeh PH, Zhu H, Nicoletti MA, Hatch JP, Brambilla P, **Soares JC**. Structural equation modeling and principal component analysis of gray matter volumes in major depressive and bipolar disorders: differences in latent volumetric structure. *Psychiatry Res*. 2010 Dec 30;184(3):177-85. PMID 21051206
44. Hallahan B, Newell J, **Soares JC**, Brambilla P, Strakowski SM, Fleck DE, Kieseppa T, Altschuler LL, Fornito A, Malhi GS, McIntosh AM, Yurgelun-Todd DA, Labar KS, Sharma V, MacQueen GM, Murray RM, McDonald C. Structural magnetic resonance imaging in bipolar disorder: an international collaborative mega-analysis of individual adult patient data. *Biol Psychiatry*. 2011 Feb 15;69(4):326-35. PMID 21030008
45. Benedetti F, Yeh PH, Bellani M, Radaelli D, Nicoletti MA, Poletti S, Falini A, Dallaspezia S, Colombo C, Scotti G, Smeraldi E, **Soares JC**, Brambilla P. Disruption of white matter integrity in bipolar depression as a possible structural marker of illness. *Biol Psychiatry*. 2011 Feb 15;69(4):309-17. PMID 20926068
46. Olvera RL, Caetano SC, Stanley JA, Chen HH, Nicoletti M, Hatch JP, Fonseca M, Pliszka SR, **Soares JC**. Reduced medial prefrontal N-acetyl-aspartate levels in pediatric major depressive disorder: a multi-voxel in vivo (1)H spectroscopy study. *Psychiatry Res*. 2010 Nov 30; 184(2):71-6. PMID 20864319
47. Ogburn KM, Sanches M, Williamson DE, Caetano SC, Olvera RL, Pliszka S, Hatch JP, **Soares JC**. Family environment and pediatric major depressive disorder. *Psychopathology*. 2010;43(5):312-7. PMID 20664307
48. Baloch HA, Hatch JP, Olvera RL, Nicoletti M, Caetano SC, Zunta-Soares GB, **Soares JC**. Morphology of the subgenual prefrontal cortex in pediatric bipolar disorder. *J Psychiatr Res*. 2010 Nov;44(15):1106-10. PMID 20488457
49. Nery FG, Stanley JA, Che HH, Hatch JP, Nicoletti MA, Monkul ES, Lafer B, Soares JC. Bipolar disorder comorbid with alcoholism: a 1H magnetic resonance spectroscopy study. *J Psychiatr Res*. Apr 2010; 44(5); 278-85. PMID 19828454
50. Matsuo K, Nielsen N. Nicoletti MA, Hatch JP, Monkul ES, Watanabe Y, Zunta-Soares GB, Nery G, **Soares JC**. Anterior genu corpus callosum and impulsivity in suicidal patients with bipolar disorder. *Neurosci Lett*. Jan 2010; 469(1); 75-80. PMID 19932153
51. Bearden CE, Thompson PM, Avedissian C, Klunder AD, Nicoletti MA, Dierschke N., Brambilla P, **Soares JC**. Altered hippocampal morphology in unmedicated patients with major depressive illness. *ASN Neuro*. Nov 2009; 1(4)pii: e00020. Doi: 10.1042/AN20090026. PMID 19843010
52. Bearden CE, Thompson PM, Avedissian C, Klunder AD, Nicoletti MA, Dierschke N., Brambilla P, **Soares JC**. Altered hippocampal morphology in unmedicated patients with major depressive illness. *ASN Neuro*. Nov 2009; 1(4)pii: e00020. Doi: 10.1042/AN20090026. PMID 19843010
53. Bellani M, Yeh PH, Tansella M, Balestrieri M, **Soares JC**, Brambilla P. DTI studies of corpus callosum in bipolar disorder. *Biochem Soc Trans*. Oct 2009; 37 (Pt 5); 1096-8. PMID 19754459
54. Brambilla P, Bellani M, Yeh PH, **Soares JC**. Myelination in Bipolar patients and the effects of mood stabilizers on brain anatomy. *Curr Pharm Des*. 2009; 15(22); 2632-6. PMID 19689333

55. Peluso MA, Glahn DC, Matsuo K, Monkul ES, Najt P, Zamarripa F, Li J, Lancaster JL, Fox PT, Gao JH, **Soares JC**. Amygdala hyperactivation in untreated depressed individuals. *Psychiatry Res*. Aug 2009; 173(2); 158-61. PMID 19545982
56. Sanches M, Caetano S, Nicoletti M, Monkul ES, Chen HH, Hatch JP, Yeh PH, Mullis RL, Keshavan MS, Rajowska G, **Soares JC**. An MRI-based approach for the measurement of the dorsolateral prefrontal cortex in humans. *Psychiatry Res*. Aug 2009; 173(2); 150-4; PMID 19545981
57. Baloch HA, Brambilla P, **Soares JC**. Corpus callosum abnormalities in pediatric bipolar disorder. *Expert Rev Neurother*. July 2009; 9(7); 949-55; PMID 19589045
58. Nery FG, Stanley JA, Chen HH, Hatch JP, Nicoletti MA, Monkul ES, Matsuo K, Caetano SC, Peluso MA, Najt P, **Soares JC**. Normal metabolite levels in the left dorsolateral prefrontal cortex of unmedicated major depressive disorder patients: a single voxel (1)H spectroscopy study. *Psychiatry Res* Dec 2009; 174(3); 177-83. PMID 19910168
59. Brambilla P, Bellani M, Yeh PH, **Soares JC**, Tansella M.. White matter connectivity in bipolar disorder.. *Int Rev Psychiatry*. 2009; 21(4): 380-6. PMID 20374151
60. Olvera RL, Fonseca M, Caetano SC, Hatch JP, Hunter K, Nicoletti M, Pliszka SR, Cloninger CR, **Soares JC**. Assessment of personality dimensions in children and adolescents with bipolar disorder using the Junior Temperament and Character Inventory. *J Child Adolesc Psychopharmacol*. 2009;19(1):13-21. PMID 19232019
61. Nery FG, Chen HH, Hatch JP, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Keshavan MS, **Soares JC**. Orbitofrontal cortex gray matter volumes in bipolar disorder patients: a region-of-interest MRI study. *Bipolar Disord*. 2009;11(2):145-53. PMID19267697
62. Nery FG, Hatch JP, Nicoletti MA, Monkul ES, Najt P, Matsuo K, Cloninger CR, **Soares JC**. Temperament and character traits in major depressive disorder: influence of mood state and recurrence of episodes. *Depress Anxiety*. 2009. PMID 19195006
63. Matsuo K, Nicoletti M, Nemoto K, Hatch JP, Peluso MA, Nery FG, **Soares JC**. A voxel-based morphometry study of frontal gray matter correlates of impulsivity. *Hum Brain Mapp*. 2009;30(4):1188-95. PMID 18465751
64. Matsuo K, Nicoletti MA, Peluso MA, Hatch JP, Nemoto K, Watanabe Y, Nery FG, Monkul ES, Zunta-Soares GB, Bowden CL, **Soares JC**. *Bipolar Disord*. Sep 2009. 11(6): 626-36; PMID 19689505
65. Matsuo K, Walss-Bass C, Nery FG, Nicoletti MA, Hatch JP, Frey BN, Monkul ES, Zunta-Soares GB, Bowden CL, Escamilla MA, **Soares JC**. Neuronal Correlates of Brain-derived Neurotrophic Factor Val66Met Polymorphism and Morphometric Abnormalities in Bipolar Disorder. *Neuropsychopharmacology*. 2009. PMID 19295510
66. Kathleen Holmes M, Bearden CE, Barguil M, Fonseca M, Serap Monkul E, Nery FG, **Soares JC**, Mintz J, Glahn DC. Conceptualizing impulsivity and risk taking in bipolar disorder: importance of history of alcohol abuse. *Bipolar Disord*. 2009;11(1):33-40. PMID 19133964
67. Joseph MF, Youngstrom EA, **Soares JC**. Antidepressant-coincident mania in children and adolescents treated with selective serotonin reuptake inhibitors. *Future Neurology Review*. 2009 Jan 1;4(1); 87-102; PMID 19884978

68. Sanches M, Keshavan MS, Brambilla P, **Soares JC**. Neurodevelopmental basis of bipolar disorder: A critical appraisal. *Prog Neuropsychopharmacol Biol Psychiatry*. 2008.
69. Caetano SC, Silveira CM, Kaur S, Nicoletti MA, Hatch JP, Brambilla P, Sassi RB, Axelson D, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Abnormal corpus callosum myelination in pediatric bipolar patients. *J Affect Disord*. 2008;108(3):297-301.
70. Frey BN, Sanley JA, Nicoletti MA, Hatch JP, **Soares JC**. Corrected values of brain metabolites for the article: 'Abnormal cellular energy and phospholipid metabolism in the left dorsolateral prefrontal cortex of medication-free individuals with bipolar disorder: an in vivo 1H MRS study. *Bipolar Disord*. 2008: Nov 19(7): 849 PMID 19032718
71. Nery FG, Monkul ES, Hatch JP, Fonseca MM, Zunta-Soares GB, Frey BN, Bowden CL, **Soares JC**. Celecoxib as an adjunct in the treatment of depressive or mixed episodes of bipolar disorder: a double-blind, randomized, placebo-controlled study. *Hum Psychopharmacol*. 2008;23(2):87-94. PMID 18172906
72. Nery FG, Hatch JP, Glahn DC, Nicoletti MA, Monkul ES, Najt P, Fonseca MM, Bowden CL, Cloninger CR, **Soares JC**. Temperament and character traits in patients with bipolar disorder and associations with comorbid alcoholism or anxiety disorders. *J Psychiatr Res*. 2008;42(7):569-77. PMID 17675066
73. Nery FG, Borba EF, Viana VS, Hatch JP, **Soares JC**, Bonfa E, Neto FL. Prevalence of depressive and anxiety disorders in systemic lupus erythematosus and their association with anti-ribosomal P antibodies. *Prog Neuropsychopharmacol Biol Psychiatry*. 2008;32(3):695-700. PMID 18077068
74. Monkul ES, Hatch JP, Sassi RB, Axelson D, Brambilla P, Nicoletti MA, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. MRI study of the cerebellum in young bipolar patients. *Prog Neuropsychopharmacol Biol Psychiatry*. 2008;32(3):613-9. PMID 18272276
75. Matsuo K, Rosenberg DR, Easter PC, MacMaster FP, Chen HH, Nicoletti MA, Caetano SC, Hatch JP, **Soares JC**. Striatal volume abnormalities in treatment-naive patients diagnosed with pediatric major depressive disorder. *J Child Adolesc Psychopharmacol*. 2008;18(2):121-31. PMID 18439110
76. Machado-Vieira R, **Soares JC**, Lara DR, Luckenbaugh DA, Busnello JV, Marca G, Cunha A, Souza DO, Zarate CA, Jr., Kapczinski F. A double-blind, randomized, placebo-controlled 4-week study on the efficacy and safety of the purinergic agents allopurinol and dipyridamole adjunctive to lithium in acute bipolar mania. *J Clin Psychiatry*. 2008;69(8):1237-45. PMID 18681754
77. Joseph MF, Frazier TW, Youngstrom EA, **Soares JC**. A quantitative and qualitative review of neurocognitive performance in pediatric bipolar disorder. *J Child Adolesc Psychopharmacol*. 2008;18(6):595-605. PMID 19108664.
78. Frey BN, Zunta-Soares GB, Caetano SC, Nicoletti MA, Hatch JP, Brambilla P, Mallinger AG, **Soares JC**. Illness duration and total brain gray matter in bipolar disorder: Evidence for neurodegeneration? *Eur Neuropsychopharmacol*. 2008Oct 18(10); 717-22; PMID 18554875
79. Chen HH, Rosenberg DR, MacMaster FP, Easter PC, Caetano SC, Nicoletti M, Hatch JP, Nery FG, **Soares JC**. Orbitofrontal cortex volumes in medication naive children with major depressive disorder: a magnetic resonance imaging study. *J Child Adolesc Psychopharmacol*. 2008; Dec18(6):551-6; PMID 19108659

80. Brambilla P, Hatch JP, **Soares JC**. Limbic changes identified by imaging in bipolar patients. *Curr Psychiatry Rep*. 2008; Dec 10(6):505-9; PMID 18980734
81. Belardinelli C, Hatch JP, Olvera RL, Fonseca MM, Caetano SC, Nicoletti MA, Pliszka SR, **Soares JC**. Family environment patterns in families with bipolar children. *J Affect Disord*. 2008; Apr 107(1-3):299-305; PMID 17905443
82. Bearden CE, **Soares JC**, Klunder AD, Nicoletti M, Dierschke N, Hayashi KM, Narr KL, Brambilla P, Sassi RB, Axelson D, Ryan N, Birmaher B, Thompson PM. Three-dimensional mapping of hippocampal anatomy in adolescents with bipolar disorder. *J Am Acad Child Adolesc Psychiatry*. 2008; May 47(5):515-25; PMID 18356767
83. Bearden CE, Thompson PM, Dutton RA, Frey BN, Peluso MA, Nicoletti MA, Dierschke NA, Hayashi KM, Klunder AD, Glahn DC, Brambilla P, Sassi RB, Mallinger AG, **Soares JC**. Three-dimensional mapping of hippocampal anatomy in unmedicated and lithium-treated patients with bipolar disorder. *Neuropsychopharmacology*. 2008; May 33(6):1229-38; PMID 17687266
84. Najt P, Perez J, Sanches M, Peluso MA, Glahn D, **Soares JC**. Impulsivity and bipolar disorder. *Eur Neuropsychopharmacology*. 2007;17(5):313-20.
85. Frey BN, Andreazza AC, Nery FG, Martins MR, Quevedo J, **Soares JC**, Kapczinski F. The role of hippocampus in the pathophysiology of bipolar disorder. *Behav Pharmacology*. 2007;18(5-6):419-30.
86. Zanetti MV, Soloff PH, Nicoletti MA, Hatch JP, Brambilla P, Keshavan MS, **Soares JC**. MRI study of corpus callosum in patients with borderline personality disorder: a pilot study. *Prog Neuropsychopharmacology Biol Psychiatry*. 2007;31(7):1519-25.
87. Peluso MA, Hatch JP, Glahn DC, Monkul ES, Sanches M, Najt P, Bowden CL, Barratt ES, **Soares JC**. Trait impulsivity in patients with mood disorders. *J Affect Disord*. 2007;100(1-3):227-31.
88. Olvera RL, Caetano SC, Fonseca M, Nicoletti M, Stanley JA, Chen HH, Hatch JP, Hunter K, Pliszka SR, **Soares JC**. Low levels of N-acetyl aspartate in the left dorsolateral prefrontal cortex of pediatric bipolar patients. *J Child Adolescent Psychopharmacology*. 2007;17(4):461-73.
89. Nery FG, Borba EF, Hatch JP, **Soares JC**, Bonfa E, Neto FL. Major depressive disorder and disease activity in systemic lupus erythematosus. *Compr Psychiatry*. 2007;48(1):14-9.
90. Najt P, Nicoletti M, Chen HH, Hatch JP, Caetano SC, Sassi RB, Axelson D, Brambilla P, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Anatomical measurements of the orbitofrontal cortex in child and adolescent patients with bipolar disorder. *Neurosci Lett*. 2007;413(3):183-6.
91. Monkul ES, Hatch JP, Nicoletti MA, Spence S, Brambilla P, Lacerda AL, Sassi RB, Mallinger AG, Keshavan MS, **Soares JC**. Fronto-limbic brain structures in suicidal and non-suicidal female patients with major depressive disorder. *Mol Psychiatry*. 2007;12(4):360-6.
92. Monkul ES, Matsuo K, Nicoletti MA, Dierschke N, Hatch JP, Dalwani M, Brambilla P, Caetano S, Sassi RB, Mallinger AG, **Soares JC**. Prefrontal gray matter increases in healthy individuals after lithium treatment: a voxel-based morphometry study. *Neurosci Lett*. 2007;429(1):7-11.

93. Matsuo K, Glahn DC, Peluso MA, Hatch JP, Monkul ES, Najt P, Sanches M, Zamarrripa F, Li J, Lancaster JL, Fox PT, Gao JH, **Soares JC**. Prefrontal hyperactivation during working memory task in untreated individuals with major depressive disorder. *Mol Psychiatry*. 2007;12(2):158-66.
94. Glahn DC, Bearden CE, Barguil M, Barrett J, Reichenberg A, Bowden CL, **Soares JC**, Velligan DI. The neurocognitive signature of psychotic bipolar disorder. *Biol Psychiatry*. 2007;62(8):910-6.
95. Frey BN, Walss-Bass C, Stanley JA, Nery FG, Matsuo K, Nicoletti MA, Hatch JP, Bowden CL, Escamilla MA, **Soares JC**. Brain-derived neurotrophic factor val66met polymorphism affects prefrontal energy metabolism in bipolar disorder. *Neuroreport*. 2007;18(15):1567-70.
96. Frey BN, Stanley JA, Nery FG, Monkul ES, Nicoletti MA, Chen HH, Hatch JP, Caetano SC, Ortiz O, Kapczinski F, **Soares JC**. Abnormal cellular energy and phospholipid metabolism in the left dorsolateral prefrontal cortex of medication-free individuals with bipolar disorder: an in vivo 1H MRS study. *Bipolar Disorder*. 2007;9 Suppl 1:119-27.
97. Caetano SC, Fonseca M, Hatch JP, Olvera RL, Nicoletti M, Hunter K, Lafer B, Pliszka SR, **Soares JC**. Medial temporal lobe abnormalities in pediatric unipolar depression. *Neurosci Lett*. 2007;427(3):142-7.
98. Brambilla P, Macdonald AW, 3rd, Sassi RB, Johnson MK, Mallinger AG, Carter CS, **Soares JC**. Context processing performance in bipolar disorder patients. *Bipolar Disorder*. 2007;9(3):230-7.
99. Bearden CE, Thompson PM, Dalwani M, Hayashi KM, Lee AD, Nicoletti M, Trakhtenbroit M, Glahn DC, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, **Soares JC**. Greater cortical gray matter density in lithium-treated patients with bipolar disorder. *Biol Psychiatry*. 2007;62(1):7-16.
100. Bearden CE, Glahn DC, Caetano S, Olvera RL, Fonseca M, Najt P, Hunter K, Pliszka SR, **Soares JC**. Evidence for disruption in prefrontal cortical functions in juvenile bipolar disorder. *Bipolar Disorder*. 2007;9 Suppl 1:145-59.
101. Coyle TR, Kochunov P, Patel RD, Nery FG, Lancaster JL, Mangin JF, Riviere D, Pillow DR, Davis GJ, Nicoletti MA, Serap Monkul E, Fox PT, **Soares JC**. Cortical sulci and bipolar disorder. *Neuroreport*. 2006;17(16):1739-42.
102. Glahn DC, Barrett J, Bearden CE, Mintz J, Green MF, Serap Monkul E, Najt P, **Soares JC**, Velligan DI. Dissociable mechanisms for memory impairment in bipolar disorder and schizophrenia. *Psychol Med*. 2006;36(8):1085-95.
103. Monkul ES, Nicoletti MA, Spence D, Sassi RB, Axelson D, Brambilla P, Hatch JP, Keshavan M, Ryan N, Birmaher B, **Soares JC**. MRI study of thalamus volumes in juvenile patients with bipolar disorder. *Depress Anxiety*. 2006;23(6):347-52.
104. Bearden CE, Glahn DC, Monkul ES, Barrett J, Najt P, Villarreal V, **Soares JC**. Patterns of memory impairment in bipolar disorder and unipolar major depression. *Psychiatry Res*. 2006;142(2-3):139-50.
105. Glahn DC, Bearden CE, Cakir S, Barrett JA, Najt P, Serap Monkul E, Maples N, Velligan DI, **Soares JC**. Differential working memory impairment in bipolar disorder and schizophrenia: effects of lifetime history of psychosis. *Bipolar Disorder*. 2006;8(2):117-23.

106. Glahn DC, Bearden CE, Bowden CL, **Soares JC**. Reduced educational attainment in bipolar disorder. *J Affect Disorder*. 2006;92(2-3):309-12.
107. Caetano SC, Olvera RL, Hunter K, Hatch JP, Najt P, Bowden C, Pliszka S, **Soares JC**. Association of psychosis with suicidality in pediatric bipolar I, II and bipolar NOS patients. *J Affect Disorder*. 2006;91(1):33-7.
108. Fonseca M, **Soares JC**, Hatch JP, Santin AP, Kapczinski F. An open trial of adjunctive escitalopram in bipolar depression. *J Clin Psychiatry*. 2006;67(1):81-6.
109. Caetano SC, Kaur S, Brambilla P, Nicoletti M, Hatch JP, Sassi RB, Mallinger AG, Keshavan MS, Kupfer DJ, Frank E, **Soares JC**. Smaller cingulate volumes in unipolar depressed patients. *Biol Psychiatry*. 2006;59(8):702-6.
110. Yasar AS, Monkul ES, Sassi RB, Axelson D, Brambilla P, Nicoletti MA, Hatch JP, Keshavan M, Ryan N, Birmaher B, **Soares JC**. MRI study of corpus callosum in children and adolescents with bipolar disorder. *Psychiatry Res*. 2006;146(1):83-5.
111. Bearden CE, Glahn DC, Monkul ES, Barrett J, Najt P, Kaur S, Sanches M, Villarreal V, Bowden C, **Soares JC**. Sources of declarative memory impairment in bipolar disorder: mnemonic processes and clinical features. *J Psychiatry Res*. 2006;40(1):47-58.
112. Monkul ES, Malhi GS, **Soares JC**. Anatomical MRI abnormalities in bipolar disorder: do they exist and do they progress? *Aust N Z J Psychiatry*. 2005;39(4):222-6.
113. Glahn DC, Bearden CE, Caetano S, Fonseca M, Najt P, Hunter K, Pliszka SR, Olvera RL, **Soares JC**. Declarative memory impairment in pediatric bipolar disorder. *Bipolar Disorder*. 2005;7(6):546-54.
114. Sassi RB, Stanley JA, Axelson D, Brambilla P, Nicoletti MA, Keshavan MS, Ramos RT, Ryan N, Birmaher B, **Soares JC**. Reduced NAA levels in the dorsolateral prefrontal cortex of young bipolar patients. *Am J Psychiatry*. 2005;162(11):2109-15.
115. Kaur S, Sassi RB, Axelson D, Nicoletti M, Brambilla P, Monkul ES, Hatch JP, Keshavan MS, Ryan N, Birmaher B, **Soares JC**. Cingulate cortex anatomical abnormalities in children and adolescents with bipolar disorder. *Am J Psychiatry*. 2005;162(9):1637-43.
116. Caetano SC, Olvera RL, Glahn D, Fonseca M, Pliszka S, **Soares JC**. Fronto-limbic brain abnormalities in juvenile onset bipolar disorder. *Biol Psychiatry*. 2005;58(7):525-31.
117. Caetano SC, Fonseca M, Olvera RL, Nicoletti M, Hatch JP, Stanley JA, Hunter K, Lafer B, Pliszka SR, **Soares JC**. Proton spectroscopy study of the left dorsolateral prefrontal cortex in pediatric depressed patients. *Neurosci Lett*. 2005;384(3):321-6.
118. Najt P, Glahn D, Bearden CE, Hatch JP, Monkul ES, Kaur S, Villarreal V, Bowden C, **Soares JC**. Attention deficits in bipolar disorder: a comparison based on the Continuous Performance Test. *Neurosci Lett*. 2005;379(2):122-6.
119. Brambilla P, Stanley JA, Nicoletti MA, Sassi RB, Mallinger AG, Frank E, Kupfer D, Keshavan MS, **Soares JC**. 1H magnetic resonance spectroscopy investigation of the dorsolateral prefrontal cortex in bipolar disorder patients. *J Affect Disorder*. 2005;86(1):61-7.
120. **Soares JC**, Kochunov P, Monkul ES, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Lancaster J, Fox P. Structural brain changes in bipolar disorder using deformation field morphometry. *Neuroreport*. 2005;16(6):541-4.

121. Sanches M, Roberts RL, Sassi RB, Axelson D, Nicoletti M, Brambilla P, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Developmental abnormalities in striatum in young bipolar patients: a preliminary study. *Bipolar Disorder*. 2005;7(2):153-8.
122. Sanches M, Sassi RB, Axelson D, Nicoletti M, Brambilla P, Hatch JP, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Subgenual prefrontal cortex of child and adolescent bipolar patients: a morphometric magnetic resonance imaging study. *Psychiatry Res*. 2005;138(1):43-9.
123. Perico CA, Skaf CR, Yamada A, Duran F, Buchpiguel CA, Castro CC, **Soares JC**, Busatto GF. Relationship between regional cerebral blood flow and separate symptom clusters of major depression: a single photon emission computed tomography study using statistical parametric mapping. *Neurosci Lett*. 2005;384(3):265-70.
124. Brambilla P, Stanley JA, Nicoletti MA, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. 1H Magnetic resonance spectroscopy study of dorsolateral prefrontal cortex in unipolar mood disorder patients. *Psychiatry Res*. 2005;138(2):131-9.
125. Lacerda AL, Brambilla P, Sassi RB, Nicoletti MA, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Anatomical MRI study of corpus callosum in unipolar depression. *J Psychiatry Res*. 2005;39(4):347-54.
126. Sala M, Perez J, Soloff P, Ucelli di Nemi S, Caverzasi E, **Soares JC**, Brambilla P. Stress and hippocampal abnormalities in psychiatric disorders. *Eur Neuropsychopharmacology*. 2004;14(5):393-405.
127. Olvera RL, Glahn DC, Caetano SC, Pliszka SR, **Soares JC**. Neuroimaging studies in bipolar children and adolescents. *Int Rev Neurobiology*. 2004;62:121-46.
128. Machado-Vieira R, Kapczinski F, **Soares JC**. Perspectives for the development of animal models of bipolar disorder. *Prog Neuropsychopharmacology Biol Psychiatry*. 2004;28(2):209-24.
129. Chen HH, Nicoletti M, Sanches M, Hatch JP, Sassi RB, Axelson D, Brambilla P, Keshavan MS, Ryan N, Birmaher B, **Soares JC**. Normal pituitary volumes in children and adolescents with bipolar disorder: a magnetic resonance imaging study. *Depress Anxiety*. 2004;20(4):182-6.
130. Caetano SC, Hatch JP, Brambilla P, Sassi RB, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Anatomical MRI study of hippocampus and amygdala in patients with current and remitted major depression. *Psychiatry Res*. 2004;132(2):141-7.
131. Sassi RB, Brambilla P, Hatch JP, Nicoletti MA, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Reduced left anterior cingulate volumes in untreated bipolar patients. *Biol Psychiatry*. 2004;56(7):467-75.
132. Chen BK, Sassi R, Axelson D, Hatch JP, Sanches M, Nicoletti M, Brambilla P, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Cross-sectional study of abnormal amygdala development in adolescents and young adults with bipolar disorder. *Biol Psychiatry*. 2004;56(6):399-405.
133. Brambilla P, Soloff PH, Sala M, Nicoletti MA, Keshavan MS, **Soares JC**. Anatomical MRI study of borderline personality disorder patients. *Psychiatry Res*. 2004;131(2):125-33.
134. Brambilla P, Stanley JA, Sassi RB, Nicoletti MA, Mallinger AG, Keshavan MS, **Soares JC**. 1H MRS study of dorsolateral prefrontal cortex in healthy individuals before and after lithium administration. *Neuropsychopharmacology*. 2004;29(10):1918-24.

135. Chen HH, Nicoletti MA, Hatch JP, Sassi RB, Axelson D, Brambilla P, Monkul ES, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Abnormal left superior temporal gyrus volumes in children and adolescents with bipolar disorder: a magnetic resonance imaging study. *Neurosci Lett*. 2004;363(1):65-8.
136. Lacerda AL, Keshavan MS, Hardan AY, Yorbik O, Brambilla P, Sassi RB, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, **Soares JC**. Anatomic evaluation of the orbitofrontal cortex in major depressive disorder. *Biol Psychiatry*. 2004;55(4):353-8.
137. Brambilla P, Nicoletti M, Sassi RB, Mallinger AG, Frank E, Keshavan MS, **Soares JC**. Corpus callosum signal intensity in patients with bipolar and unipolar disorder. *J Neurol Neurosurg Psychiatry*. 2004;75(2):221-5.
138. **Soares JC**. Contributions from brain imaging to the elucidation of pathophysiology of bipolar disorder. *Int J Neuropsychopharmacology*. 2003;6(2):171-80.
139. Brambilla P, Barale F, **Soares JC**. Atypical antipsychotics and mood stabilization in bipolar disorder. *Psychopharmacology (Berl)*. 2003;166(4):315-32.
140. Brambilla P, Perez J, Barale F, Schettini G, **Soares JC**. GABAergic dysfunction in mood disorders. *Mol Psychiatry*. 2003;8(8):721-37, 715.
141. Brambilla P, Hardan A, di Nemi SU, Perez J, **Soares JC**, Barale F. Brain anatomy and development in autism: review of structural MRI studies. *Brain Res Bull*. 2003;61(6):557-69.
142. Brambilla P, Nicoletti MA, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Magnetic resonance imaging study of corpus callosum abnormalities in patients with bipolar disorder. *Biol Psychiatry*. 2003;54(11):1294-7.
143. Lacerda AL, Nicoletti MA, Brambilla P, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Anatomical MRI study of basal ganglia in major depressive disorder. *Psychiatry Res*. 2003;124(3):129-40.
144. Sassi RB, Brambilla P, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. White matter hyperintensities in bipolar and unipolar patients with relatively mild-to-moderate illness severity. *J Affect Disorder*. 2003;77(3):237-45.
145. Lacerda AL, Dalgalarondo P, Caetano D, Camargo EE, Etchebehere EC, **Soares JC**. Elevated thalamic and prefrontal regional cerebral blood flow in obsessive-compulsive disorder: a SPECT study. *Psychiatry Res*. 2003;123(2):125-34.
146. Brambilla P, Harenski K, Nicoletti M, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. MRI investigation of temporal lobe structures in bipolar patients. *J Psychiatry Res*. 2003;37(4):287-95.
147. Brambilla P, Nicoletti MA, Harenski K, Sassi RB, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Anatomical MRI study of subgenual prefrontal cortex in bipolar and unipolar subjects. *Neuropsychopharmacology*. 2002;27(5):792-9.
148. Sassi RB, Nicoletti M, Brambilla P, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Increased gray matter volume in lithium-treated bipolar disorder patients. *Neurosci Lett*. 2002;329(2):243-5.
149. Machado-Vieira R, Lara DR, Portela LV, Goncalves CA, **Soares JC**, Kapczinski F, Souza DO. Elevated serum S100B protein in drug-free bipolar patients during first manic episode: a pilot study. *Eur Neuropsychopharmacology*. 2002;12(3):269-72.



150. Brambilla P, Stanley JA, Nicoletti M, Harenski K, Wells KF, Mallinger AG, Keshavan MS, **Soares JC**. 1H MRS brain measures and acute lorazepam administration in healthy human subjects. *Neuropsychopharmacology*. 2002;26(4):546-51.
151. Cole DP, Thase ME, Mallinger AG, **Soares JC**, Luther JF, Kupfer DJ, Frank E. Slower treatment response in bipolar depression predicted by lower pretreatment thyroid function. *Am J Psychiatry*. 2002;159(1):116-21.
152. Caetano SC, Sassi R, Brambilla P, Harenski K, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. MRI study of thalamic volumes in bipolar and unipolar patients and healthy individuals. *Psychiatry Res*. 2001;108(3):161-8.
153. Brambilla P, Harenski K, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. MRI study of posterior fossa structures and brain ventricles in bipolar patients. *J Psychiatry Res*. 2001;35(6):313-22.
154. Sassi RB, Nicoletti M, Brambilla P, Harenski K, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Decreased pituitary volume in patients with bipolar disorder. *Biol Psychiatry*. 2001;50(4):271-80.
155. Brambilla P, Harenski K, Nicoletti M, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Differential effects of age on brain gray matter in bipolar patients and healthy individuals. *Neuropsychobiology*. 2001;43(4):242-7.
156. Brambilla P, Harenski K, Nicoletti MA, Mallinger AG, Frank E, Kupfer DJ, Keshavan MS, **Soares JC**. Anatomical MRI study of basal ganglia in bipolar disorder patients. *Psychiatry Res*. 2001;106(2):65-80.
157. **Soares JC**, Boada F, Spencer S, Mallinger AG, Dippold CS, Wells KF, Frank E, Keshavan MS, Gershon S, Kupfer DJ. Brain lithium concentrations in bipolar disorder patients: preliminary (7)Li magnetic resonance studies at 3 T. *Biol Psychiatry*. 2001;49(5):437-43.
158. **Soares JC**, Dippold CS, Wells KF, Frank E, Kupfer DJ, Mallinger AG. Increased platelet membrane phosphatidylinositol-4,5-bisphosphate in drug-free depressed bipolar patients. *Neurosci Lett*. 2001;299(1-2):150-2.
159. **Soares JC**, Boada F, Keshavan MS. Brain lithium measurements with (7)Li magnetic resonance spectroscopy (MRS): a literature review. *Eur Neuropsychopharmacology*. 2000;10(3):151-8.
160. **Soares JC**, Gershon S. The psychopharmacologic specificity of the lithium ion: origins and trajectory. *J Clin Psychiatry*. 2000;61 Suppl 9:16-22.
161. **Soares JC**. Recent advances in the treatment of bipolar mania, depression, mixed states, and rapid cycling. *Int Clin Psychopharmacology*. 2000;15(4):183-96.
162. **Soares JC**, Chen G, Dippold CS, Wells KF, Frank E, Kupfer DJ, Manji HK, Mallinger AG. Concurrent measures of protein kinase C and phosphoinositides in lithium-treated bipolar patients and healthy individuals: a preliminary study. *Psychiatry Res*. 2000;95(2):109-18.
163. **Soares JC**, Mallinger AG, Dippold CS, Forster Wells K, Frank E, Kupfer DJ. Effects of lithium on platelet membrane phosphoinositides in bipolar disorder patients: a pilot study. *Psychopharmacology (Berl)*. 2000;149(1):12-6.
164. **Soares JC**, Barwell M, Mallinger AG, Kupfer DJ, Frank E. Adjunctive antipsychotic use in bipolar patients: an open 6-month prospective study following an acute episode. *J Affect Disorder*. 1999;56(1):1-8.

165. **Soares JC**, Dippold CS, Wells KF, Houck P, Mallinger AG. Reproducibility of in vivo measures of platelet membrane phospholipids in human subjects. *Psychiatry Res.* 1999;86(2):107-12.
166. **Soares JC**, Mallinger AG, Dippold CS, Frank E, Kupfer DJ. Platelet membrane phospholipids in euthymic bipolar disorder patients: are they affected by lithium treatment? *Biol Psychiatry.* 1999;45(4):453-7.
167. **Soares JC**, Innis RB. Neurochemical brain imaging investigations of schizophrenia. *Biol Psychiatry.* 1999;46(5):600-15.
168. **Soares JC**, Gershon S. The lithium ion: a foundation for psychopharmacological specificity. *Neuropsychopharmacology.* 1998;19(3):167-82.
169. **Soares JC**, Mann JJ. The anatomy of mood disorders--review of structural neuroimaging studies. *Biol Psychiatry.* 1997;41(1):86-106.
170. **Soares JC**, Mallinger AG. Intracellular phosphatidylinositol pathway abnormalities in bipolar disorder patients. *Psychopharmacology Bull.* 1997;33(4):685-91.
171. **Soares JC**, Mallinger AG, Gershon S. The role of antipsychotic agents in the treatment of bipolar disorder patients. *Int Clin Psychopharmacology.* 1997;12(2):65-76.
172. **Soares JC**, Mann JJ. The functional neuroanatomy of mood disorders. *J Psychiatry Res.* 1997;31(4):393-432.
173. **Soares JC**, Gershon S. Therapeutic targets in late-life psychoses: review of concepts and critical issues. *Schizophrenia Res.* 1997;27(2-3):227-39.
174. Antelman SM, **Soares JC**, Gershon S. Time-dependent sensitization--possible implications for clinical psychopharmacology. *Behav Pharmacology.* 1997;8(6-7):505-14; discussion 515-22.
175. **Soares JC**, Dippold CS, Mallinger AG. Platelet membrane phosphatidylinositol-4,5-bisphosphate alterations in bipolar disorder--evidence from a single case study. *Psychiatry Res.* 1997;69(2-3):197-202.
176. **Soares JC**, Mallinger AG. Abnormal phosphatidylinositol (PI)-signaling in bipolar disorder. *Biol Psychiatry.* 1996;39(6):461-4.
177. **Soares JC**, Krishnan KR, Keshavan MS. Nuclear magnetic resonance spectroscopy: new insights into the pathophysiology of mood disorders. *Depression.* 1996;4(1):14-30.
178. **Soares JC**, Gershon S. THA--historical aspects, review of pharmacological properties and therapeutic effects. *Dementia.* 1995;6(4):225-34.
179. **Soares JC**, Gershon S. Advances in the pharmacotherapy of Alzheimer's disease. *Eur Arch Psychiatry Clin Neurosci.* 1994;244(5):261-71.
180. Frazier JA, **Soares JC**. Neurobiology of pediatric mood disorders: Part II. *J Child Adolesc Psychopharmacol.* 2009;19(1):1-2. PMID 19232017

### C. Invited Articles in Journals

1. Nery FG, Stanley JA, Chen HH, Hatch JP, Nicoletti MA, Monkul ES, Lafer B, **Soares JC**. Bipolar disorder comorbid with alcoholism: a 1H magnetic resonance spectroscopy study. *J Psychiatr Res.* Apr 2010; 44(5): 278-85. PMID 19818454

2. Matsuo K, Nielson N, Nicoletti MA, Hatch JP, Monkul ES, Watanabe Y, Zunta-Soares GB, Nery FG, **Soares JC**. Anterior genu corpus callosum and impulsivity in suicidal patients with bipolar disorder. *Neurosci Lett*. Jan 2010; 469 (1; 75-80. PMID19932153
3. Bearden CE, Thompson PM, Avedissian C, Klunder AD, Nicoletti MA, Dierschke N., Brambilla P, **Soares JC**. Altered hippocampal morphology in unmedicated patients with major depressive illness. *ASN Neuro*. Nov 2009; 1(4)pii: e00020. Doi: 10.1042/AN20090026. PMID 19843010
4. Bellani M, Yeh PH, Tansella M, Balestrieri M, **Soares JC**, Brambilla P. DTI studies of corpus callosum in bipolar disorder. *Biochem Soc Trans*. Oct 2009; 37 (Pt 5); 1096-8. PMID 19754459
5. Matsuo K, Micoletti MA, Peluso MA, Hatch JP, Nemoto K, Watanabe Y, Nery FG, Monkul ES, Zunta-Soares GB, Bowden CL, **Soares JC**. *Bipolar Disord*. Sep 2009. 11(6): 626-36; PMID 19689505
6. Brambilla P, Bellani M, Yeh PH, **Soares JC**. Myelination in Bipolar patients and the effects of mood stabilizers on brain anatomy. *Curr Pharm Des*. 2009; 15(22); 2632-6. PMID 19689333
7. Peluso MA, Glahn DC, Matsuo K, Monkul ES, Najt P, Zamarripa F, Li J, Lancaster JL, Fox PT, Gao JH, **Soares JC**. Amygdala hyperactivation in untreated depressed individuals. *Psychiatry Res*. Aug 2009; 173(2); 158-61. PMID 19545982
8. Sanches M, Caetano S, Nicoletti M, Monkul ES, Chen HH, Hatch JP, Yeh PH, Mullis RL, Keshavan MS, Rajowska G, **Soares JC**. An MRI-based approach for the measurement of the dorsolateral prefrontal cortex in humans. *Psychiatry Res*. Aug 2009; 173(2); 150-4; PMID 19545981
9. Balach HA, Brambilla P, **Soares JC**. Corpus callosum abnormalities in pediatric bipolar disorder. *Expert Rev Neurother*. July 2009; 9(7); 949-55; PMID 19589045
10. Frazier JA, **Soares JC**. Neurobiology of pediatric mood disorders: Part II. *J Child Adolesc Psychopharmacol*. 2009;19(1):1-2. PMID 19232017
11. Matsuo K, Rosenberg DR, MacMaster FP, Chen HH, Nicoletti M, Caetano SC, Hatch JP, **Soares JC**. Striatal volume abnormalities in treatment-naïve patients diagnosed with pediatric major depressive disorder. *Child Adolesc Psychopharmacol*. 2008 Apr; 18(2) 121-31
12. Joseph MF, Youngstrom EA, **Soares JC**. Antidepressant-coincident mania in children and adolescents treated with selective serotonin reuptake inhibitors. *Future Neurology Review*. 2009 Jan 1;4(1); 87-102; PMID 19884978
13. **Soares JC**, Frazier JA. Neurobiology of pediatric mood disorders: are we there yet? *J Child Adolesc Psychopharmacol*. 2008;18(6):549.
14. Sanches M, Keshavan MS, Brambilla P, **Soares JC**. Neurodevelopmental basis of bipolar disorder: A critical appraisal. *Prog Neuropsychopharmacol Biol Psychiatry*. 2008.
15. Caetano SC, Silveira CM, Kaur S, Nicoletti MA, Hatch JP, Brambilla P, Sassi RB, Axelson D, Keshavan MS, Ryan ND, Birmaher B, **Soares JC**. Abnormal corpus callosum myelination in pediatric bipolar patients. *J Affect Disord*. 2008;108(3):297-301.
16. Najt P, Perez J, Sanches M, Peluso MA, Glahn D, **Soares JC**. Impulsivity and bipolar disorder. *Eur Neuropsychopharmacology*. 2007;17(5):313-20.

17. Frey BN, Andreazza AC, Nery FG, Martins MR, Quevedo J, **Soares JC**, Kapczinski F. The role of hippocampus in the pathophysiology of bipolar disorder. *Behav Pharmacology*. 2007;18(5-6):419-30.
18. Monkul ES, Malhi GS, **Soares JC**. Anatomical MRI abnormalities in bipolar disorder: do they exist and do they progress? *Aust N Z J Psychiatry*. 2005;39(4):222-6.
19. Brambilla P, Glahn DC, Balestrieri M, **Soares JC**. Magnetic resonance findings in bipolar disorder. *Psychiatry Clin North Am*. 2005;28(2):443-67.
20. Lafer B, **Soares JC**, Sanches M, Del Porto JA. Bipolar disorder: from genetics to psychosocial rehabilitation. *Revista Brasileira de Psiquiatria* 2004 Oct;26(4):1-2.
21. Sala M, Perez J, Soloff P, Ucelli di Nemi S, Caverzasi E, **Soares JC**, Brambilla P. Stress and hippocampal abnormalities in psychiatric disorders. *Eur Neuropsychopharmacology*. 2004;14(5):393-405.
22. Olvera RL, Glahn DC, Caetano SC, Pliszka SR, **Soares JC**. Neuroimaging studies in bipolar children and adolescents. *Int Rev Neurobiology*. 2004;62:121-46.
23. Machado-Vieira R, Kapczinski F, **Soares JC**. Perspectives for the development of animal models of bipolar disorder. *Prog Neuropsychopharmacology Biol Psychiatry*. 2004;28(2):209-24.
24. Brambilla P, Hardan AY, di Nemi SU, Caverzasi E, **Soares JC**, Perez J, Barale F. The functional neuroanatomy of autism. *Funct Neurol*. 2004;19(1):9-17.
25. **Soares JC**. Contributions from brain imaging to the elucidation of pathophysiology of bipolar disorder. *Int J Neuropsychopharmacology*. 2003;6(2):171-80.
26. **Soares JC**. Perspectives on the pharmacological treatment of bipolar disorder *Revista Brasileira de Psiquiatria* 2002;24(3):109-110.
27. Brambilla P, Barale F, **Soares JC**. Atypical antipsychotics and mood stabilization in bipolar disorder. *Psychopharmacology (Berl)*. 2003;166(4):315-32.
28. Brambilla P, Perez J, Barale F, Schettini G, **Soares JC**. GABAergic dysfunction in mood disorders. *Mol Psychiatry*. 2003;8(8):721-37, 715.
29. Brambilla P, Hardan A, di Nemi SU, Perez J, **Soares JC**, Barale F. Brain anatomy and development in autism: review of structural MRI studies. *Brain Res Bull*. 2003;61(6):557-69.
30. **Soares JC**. Can brain-imaging studies provide a 'mood stabilizer signature?' *Mol Psychiatry*. 2002;7 Suppl 1:S64-70.
31. Brambilla P, Barale F, Caverzasi E, **Soares JC**. Anatomical MRI findings in mood and anxiety disorders. *Epidemiol Psychiatric Soc*. 2002;11(2):88-99.
32. Barros HM, Calil HM, Guimaraes FS, **Soares JC**, Andreatini R. The brain decade in debate: V-Neurobiology of depression. *Prog Neuropsychopharmacology Biol Psychiatry*. 2002;26(3):613-7.
33. Sassi RB, **Soares JC**. Emerging therapeutic targets in bipolar mood disorder. *Expert Opin Ther Targets*. 2001;5(5):587-599.
34. **Soares JC**. Valproate treatment and the risk of hyperandrogenism and polycystic ovaries. *Bipolar Disorder*. 2000;2(1):37-41.

35. **Soares JC**, Boada F, Keshavan MS. Brain lithium measurements with (7)Li magnetic resonance spectroscopy (MRS): a literature review. *Eur Neuropsychopharmacology*. 2000;10(3):151-8.
36. **Soares JC**, Gershon S. The psychopharmacologic specificity of the lithium ion: origins and trajectory. *J Clin Psychiatry*. 2000;61 Suppl 9:16-22.
37. **Soares JC**. Recent advances in the treatment of bipolar mania, depression, mixed states, and rapid cycling. *Int Clin Psychopharmacology*. 2000;15(4):183-96.
38. **Soares JC**, Innis RB. Neurochemical brain imaging investigations of schizophrenia. *Biol Psychiatry*. 1999;46(5):600-15.
39. **Soares JC**, Gershon S. The lithium ion: a foundation for psychopharmacological specificity. *Neuropsychopharmacology*. 1998;19(3):167-82.
40. **Soares JC**, Mann JJ. The anatomy of mood disorders--review of structural neuroimaging studies. *Biol Psychiatry*. 1997;41(1):86-106.
41. **Soares JC**, Mallinger AG. Intracellular phosphatidylinositol pathway abnormalities in bipolar disorder patients. *Psychopharmacology Bull*. 1997;33(4):685-91.
42. **Soares JC**, Mallinger AG, Gershon S. The role of antipsychotic agents in the treatment of bipolar disorder patients. *Int Clin Psychopharmacology*. 1997;12(2):65-76.
43. **Soares JC**, Mann JJ. The functional neuroanatomy of mood disorders. *J Psychiatry Res*. 1997;31(4):393-432.
44. **Soares JC**, Gershon S. Therapeutic targets in late-life psychoses: review of concepts and critical issues. *Schizophrenia Res*. 1997;27(2-3):227-39.
45. Antelman SM, **Soares JC**, Gershon S. Time-dependent sensitization--possible implications for clinical psychopharmacology. *Behav Pharmacology*. 1997;8(6-7):505-14; discussion 515-22.
46. **Soares JC**, Mallinger AG. Letter to the editor: Abnormal phosphatidylinositol (PI)-signaling in bipolar disorder. *Biological Psychiatry* 1996;39(6):461-464.
47. **Soares JC**, Krishnan KR, Keshavan MS. Nuclear magnetic resonance spectroscopy: new insights into the pathophysiology of mood disorders. *Depression*. 1996;4(1):14-30.
48. **Soares JC**, Gershon S. Prospects for the development of new treatments with a rapid onset of action in affective disorders. *Drugs*. 1996;52(4):477-82.
49. **Soares JC**, Gershon S. THA--historical aspects, review of pharmacological properties and therapeutic effects. *Dementia*. 1995;6(4):225-34.
50. **Soares JC**, Gershon S. Advances in the pharmacotherapy of Alzheimer's disease. *Eur Arch Psychiatry Clin Neurosci*. 1994;244(5):261-71.

## D. Chapters

1. Matsuo K., Sanches, M, Brambilla P., **Soares JC**. Functional brain imaging in bipolar disorder. The Bipolar Brain: Integrating Neuroimaging and Genetics. Strakowski, S.: Oxford University Press, Inc.; 2012: 17-52.

2. **Soares JC**, Brambilla P. Structural Brain Imaging in Bipolar Disorder. Bipolar Disorder: Clinical and Neurobiological Foundations. Hoboken, NJ: John Wiley & Sons, Ltd; 2010: 124-132.
3. **Soares JC**, Sanches M, Brambilla P. El papel de las tecnicas de diagnostico por imagen en el desarrollo y el uso clinico de los psicofarmacos. In: Lopez-Munoz F, Alamo C, eds. Historia de la Psicofarmacologia. Madrid, Spain: Editorial Medica Panamericana; 2006:479-494.
4. Monkul ES, **Soares JC**. Lithium in neuropsychiatry: results from brain imaging studies. A Comprehensive Textbook on the Biology and Treatment with Lithium: From Basic Science to Clinical Applications. New York, NY: Taylor and Francis; 2006:415-422.
5. **Soares JC**, Brambilla P. The Use of Anticonvulsants in the Treatment of Bipolar Disorder. In: Kasper S, Hirschfeld R, eds. Handbook of Bipolar Disorder: Diagnosis and Therapeutic Approaches. New York, NY: Marcel Dekker; 2005:285-315.
6. Monkul SE, **Soares JC**. Brain abnormalities in bipolar disorder: do they exist and do they change? In: McDonald C, Schultz K, Murray RM, Tohen M, eds. Bipolar Disorder: The Upswing in Research and Treatment. New York, NY: Taylor and Francis; 2005:21-26.
7. Sassi RB, Soares J. Brain imaging methods in neuropsychiatry. In: **Soares JC**, ed. Brain Imaging in Affective Disorders. New York, NY: Marcel Dekker; 2003:1-18.
8. Sassi R, Soares J. Developments in psychiatric neuroimaging. In: Soares J, Gershon S, eds. Handbook of Medical Psychiatry. New York, NY: Marcel Dekker; 2003:43-54.
9. Lacerda AL, Sassi RB, **Soares JC**. Classifications of mood disorder-implications for psychiatry research. In: **Soares JC**, Gershon S, eds. Handbook of Medical Psychiatry. New York, NY: Marcel Dekker; 2003:79-88.
10. **Soares JC**. Commentary: Perspectives on the pharmacological treatment of bipolar disorder. In: Mario M, Hagopp A, Juan J, Lopez I, Sartorius N, eds. WPA Series - Evidence and Experience in Psychiatry. West Sussex, UK: John Wiley & Sons Ltd; 2002:265-268.
11. Sassi RB, **Soares JC**. Bipolar Disorder. In: Kaplan GB, Hammer R, eds. Brain Circuitry and Signaling in Psychiatry: Basic Science and Clinical Implications. Washington, DC: American Psychiatric Press; 2002:179-200.
12. Levine J, **Soares JC**, Chengappa R, Gershon S. Lithium in the treatment of bipolar disorder. In: Yatham L, Kusumakar V, Stanley P, Kutcher A, eds. Bipolar Disorder: A Clinician's Guide to Biological Treatments. New York, NY: Brunner-Routledge Publishers; 2002:139-167.
13. **Soares JC**, Brambilla P. Advances in the treatment of mania. In: Dunner DL, Rosenbaum JF, eds. Psychiatric Clinics of North America: Annual of Drug Therapy. Seattle, WA: Philadelphia: W.B. Saunders Company; 2001:155-180.
14. **Soares JC**, Mallinger AG. Intracellular signal transduction dysfunction in bipolar disorder. In: **Soares JC**, Gershon S, eds. Basic Mechanisms and Therapeutic Implications of Bipolar Disorder. New York, NY: Marcel Dekker; 2000:179-200.
15. **Soares JC**, Innis RB. Brain imaging findings in bipolar disorder. In: **Soares JC**, Gershon S, eds. Basic Mechanisms and Therapeutic Implications of Bipolar Disorder. New York, NY: Marcel Dekker; 2000:227-252.

16. **Soares JC**, Gershon S. Nootropics and agents for treating Alzheimer's disease. In: Roberts J, Snyder D, Friedman E, eds. Handbook of Pharmacology of Aging. Second ed. Boca Raton, FL: CRC Press Inc; 1997:197-226.

## **E. Books**

1. **Soares JC**, Young AH. Bipolar Disorders: Basic Mechanisms and Therapeutic Implications. Informa Health Care, Inc., New York, N.Y. 2007.
2. **Soares JC**, Gershon S (Eds). Handbook of Medical Psychiatry. Marcel Dekker, Inc.; 2003.
3. **Soares JC** (Ed.). Brain Imaging in Affective Disorders. Marcel Dekker, Inc.; 2003.
4. **Soares JC**, Gershon S (Eds). Bipolar Disorders: Basic Mechanisms and Therapeutic Implications. Marcel Dekker, Inc.; 2000.

## **F. Other Professional Communications**

### **1. Presentations**

1. Bipolar Disorders: Neurobiology and Therapeutic Implications. Grand Rounds presentation at the University of Texas Health Science Center at San Antonio. San Antonio, TX; 10/2014.
2. Bipolar Disorders: Neurobiology and Therapeutic Implications. Grand Rounds presentation at the Albert Einstein School of Medicine. New York, NY; 10/2014.
3. The Brief Cognitive Assessment Test for Affective Disorders (BAC-A): A New Instrument for Assessing Cognitive Functioning in Bipolar Disorder; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
4. Larger Globus Pallidum Volumes Among Bipolar Patients Carrying CACNA1C Gene Risk Allele; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
5. Distinguishing Individual Subjects with Bipolar or Unipolar Depression Using Neuroanatomical Scans and Machine Learning; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 5/2014 (Poster Presentation co-presenter).
6. Prediction of pediatric unipolar depression and characterization of maturation trajectories using multiple neuromorphometric measurements; Society of Biological Psychiatry 69<sup>th</sup> Annual Meeting, New York, NY; 05/2014 (Poster Presentation co-presenter).
7. Pediatric Bipolar Disorder: Diagnostic and Treatment Issues"; Depression and Bipolar Support Alliance, Houston, TX; 1/2014
8. Predictive Classification of Pediatric Bipolar Disorder Morphometric Features of the Amygdala; American College of Neuropsychopharmacology 52<sup>nd</sup> Annual Meeting, Hollywood, FL; 12/2013 (Poster Presentation co-presenter)

9. Decoding Healthy Maturation and Aging Patterns Across Lifespan using Diffusion Tensor Imaging; 2013 Society of Biological Psychiatry Conference, San Francisco, CA; 05/2013 (Poster Presentation co-presenter).
10. Predictive Classification of Pediatric Bipolar Disorder using Amygdala Morphometric Features; 2013 Society of Biological Psychiatry Conference, San Francisco, CA; 05/2013 (Poster Presentation co-presenter).
11. UT Psychiatry & Behavioral Sciences Grand Rounds; UTHealth, TX; 04/2013
12. The BDNF val66met polymorphism as a predictor of memory impairment in bipolar disorder; 20<sup>th</sup> Annual Neuroscience Poster Session; Houston, TX; 01/2013 (Poster Presentation co-presenter).
13. Houston, Abbott-Psychiatry Stand Alone Meeting, Sao Paulo, Brazil. 9/2012
14. Grand Rounds; Department of Psychiatry, UTMB Health School of Medicine, Galveston, TX. 8/2012
15. Grand Rounds; Tomball Regional Medical Center, Tomball, TX. 6/2012
16. The Neuroanatomy of Melancholy: An Update Circa 2012. 28<sup>th</sup> CINP World Congress of Neuropsychopharmacology, Stockholm, Sweden. 6/2012
17. Comprehensive Management of Anxiety Disorders. at 6<sup>th</sup> Pain & 1<sup>st</sup> CNS Pfizer Latin American Forum, Riviera Maya, Mexico. 6/2012
18. Clinical Strategies to Improve Patient Adherence in the Management of Mood Disorders. at 6<sup>th</sup> Pain & 1<sup>st</sup> CNS Pfizer Latin American Forum, Riviera Maya, Mexico. 6/2012
19. Pros and Cons of Spect Brain Imaging: What Is the Status of the Science? at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012
20. Electronic Medical Records Database Debate at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012
21. Translational Research on Mood Disorders: A Primer for the Clinician at American Psychiatric Association Annual Meeting, Philadelphia, PA. 5/2012
22. Management of Patients with Treatment Resistance Bipolar Disorder at UT Psychiatry Updates Memorial Hermann Hospital. Houston, TX. 2/2012
23. Looking Back-Moving Forward A Look at UTHCPC's Center of Excellence; University of Texas Harris County Psychiatric Center. Houston, TX. 10/2011
24. Bilateral Hippocampal Volume Decreases in Pediatric Patients on Valproic Acid; Society of Biological Psychiatry, San Francisco, CA (Poster Presentation co-presenter); 05/2011
25. Bipolar Disorders and Clinical Management; International Conference on New Discoveries in the Brain, Panama City, Panama; 05/2011
26. Treatment Resistant Bipolar Disorder; Depression and Bipolar Support Alliance Mental Health Symposium, Houston, TX; 05/2011
27. Public Forum on Bipolar Disorder and Depression, Moderator; Neuroscience Research Center, UTHealth MSB; 02/2011



28. Shades of Blue: Recognizing Mood Disorders, New Hope and Treatments; UT Talks, River Oaks Country Club, Houston, TX; 12/2010
29. The Characteristics of Recover; National Alliance on Mental Illness, Houston, TX; 10/2010
30. UT Neurology Grand Rounds; UTHealth, Houston, TX; 10/2010
31. Bipolar Disorders: Diagnosis, Pathophysiology and Treatment Considerations; Harris County Psychiatric Center, Houston, TX; 09/2010
32. Espectro bipolar; International Bipolar Disorder Symposium; San Paulo, Brazil; 09/2010
33. Bipolar Disorders; MEA Seminar Series; Houston, TX; 09/2010
34. Bipolar Disorders: Diagnosis, Pathophysiology and Treatment Considerations; UTMS Neurobiology and Anatomy; Houston, Texas; 09/2010
35. Bipolar Disorders; UTHSC Family Medicine Grand Rounds; Houston, Texas 08/2010
36. Bipolar Disorders: Diagnostic & Treatment Consideration; Pys & BS Grand Rounds, Houston, TX 2010
37. JCAAP Editors Meeting: The Child Mind Institute; New York, July/2010
38. Bipolar Disorders: Diagnosis, Mechanisms and Therapeutic Implications; UTHSC Dept of Internal Medicine Grand Rounds; 07/2010
39. Healthy Minds Across America: Discovering Hope through Science; Moderator at NARCD in partnership with UTHSC & UTMB Galveston; Houston, Texas; 06/2010
40. New Approaches to Treatment-Summary of Major Developments in 2009; 10<sup>th</sup> Annual International Review of Bipolar Disorders; Budapest, Hungary; 05/2010
41. Texas Society of Psychiatric Physicians, Texas Medical Association, Ft Worth, Texas. 04/2010
42. Opening Remarks; Ethical Challenges of Treatment Alliances Involving a Diverse Mental Health Work Force and Patient Population; UT Dept of Psychiatry & Texas Regional Psychiatry Minority Mentor Network; UT Harris County Psychiatric Center; 04/2010
43. UT Psychiatry Update, UTHSC- Harris County Psychiatric Center, Houston, Texas; 04/2010
44. Bipolar Disorder. Impulsivity and Brain Function in Bipolar Disorder; Scientific Meeting of the International Society of Research on Impulsivity. San Francisco, CA. 5/2011
45. Neuroimaging of Depression: Latest Findings. Schizophrenia and Depression "Clinical and Neuroscience Update", Florence, Italy, 03/ 2010.
46. Bipolar Disorder: Towards a Pathophysiology; UTMS Department of Neurology Grand Rounds; 03/2010
47. Education, Acceptance, Recovery: A Journey of Mental Wellness. The Women's Home; Houston, Texas; 1/2010

48. Neuroimaging and Neurocognitive Studies of Pediatric Bipolar Disorder. Celebration of 10 years of Residency in Psychiatry, University of Udine, Udine, Italy; 12/2009
49. Neuroimaging and Neurocognitive Studies of Bipolar Disorder. Celebration of 10 years of Residency in Psychiatry, University of Udine, Udine, Italy; 12/2009
50. Neuroimagen en el Trastorno Bipolar. Dr. Manuel Camelo Foundation, University of Monterrey, Monterrey, Nuevo Leon, Mexico; 11/2009
51. Actualidades en la Investigacion del Trastorno Bipolar. Dr. Manuel Camelo Foundation, University of Monterrey, Monterrey, Nuevo Leon, Mexico; 11/2009
52. Pediatric Bipolar Disorder. Department Grand Rounds, Menninger Department of Psychiatry and Behavioral Sciences, Baylor College of Medicine, Houston, TX; 11/2009
53. Pediatric Bipolar Disorder. Student Interest Group in Neurology and Psychiatry, University of Texas Medical School at Houston, Houston, TX; 10/2009
54. Bipolar Disorder. Chapter Meeting, Houston Psychiatric Society, Houston, TX; 10/2009
55. Neuroimaging and Neurocognitive Studies of Pediatric Bipolar Disorder. Department Grand Rounds, Department of Psychiatry and Behavioral Science, Emory University School of Medicine, Atlanta, GA.; 06/2009.
56. Bipolar Disorder: Towards a Pathophysiology. Ted Alden Lecture, Duke University Medical Center (Invited Lecturer); 04/2009.
57. Bipolar Disorder: Towards a Pathophysiology. Central Regional Hospital, Butner, NC (Invited Lecturer); 04/2009.
58. Bipolar Disorder: Towards a Pathophysiology. National Institute of Mental Health, Bethesda, MD (Invited Lecturer); 04/2009.
59. Bipolar Disorders: Update on Neurobiological Mechanisms. University of North Carolina, Neurobiology of Mental Illness Series (Invited Lecturer); 04/2009.
60. Bipolar Disorder: Towards a Pathophysiology, Department Grand Rounds, Department of Psychiatry, Vanderbilt University, Nashville, TN; 02/2009.
61. Pediatric Bipolar Disorder: Prospects for Biomarkers, NIMH sponsored conference on Bipolar Disorder in Children and Adolescents: New Data to Inform Classification, Washington, DC (Invited Lecturer); 02/2009.
62. Anxiety Disorders and Treatment Update, New Directions in Psychiatry 2009, EXCEL Continuing Education, Jacksonville, FL (Invited lecturer); 02/2009.
63. Bipolar Disorders: Towards a Pathophysiology, Department of Psychiatry, University of Colorado, Denver, CO (Invited Lecturer); 01/2009.
64. What have we learned about mood disorders via imaging techniques? Psychiatry Forum, Istanbul, Turkey (Invited Lecturer); 01/2009.
65. Could the imaging techniques be used for the differential diagnosis of Schizophrenia and Bipolar disorders? Focus on the specificity and the sensitivity of the findings Psychiatry Forum, Istanbul, Turkey (Invited Lecturer); 01/2009.

66. Imaging of Bipolar Disorder, Department of Psychiatry & Behavioral Neuroscience, The University of Chicago, Chicago, IL (Invited Lecturer); 12/2008.
67. “Neuroimaging and Neurocognitive Studies of Pediatric Bipolar disorder”, Pediatric and Adult Psychosis: Focus on Schizophrenia and Bipolar Disorder, Università Degli Studi Di Verona, Verona, Italy (Invited Lecturer); 10/2008.
68. “The Challenges of Diagnosing and Treating Bipolar Disorder in Primary Care Settings”, Southern Regional AHEC, Fayetteville, NC (Invited Lecturer); 10/2008.
69. An investigation of pediatric bipolar patients with and without attention-deficit/hyperactivity disorder using Baddeley’s multi-component model of working memory, American Academy of Child and Adolescent Psychiatry, Chicago, IL (Poster Presentation co-presenter); 10/2008.
70. Anxiety Disorders: Diagnostic and Therapeutic Issues, Update in the Management of Psychiatry Disorders Symposium, EXCEL Continuing Education Miami, FL (Invited Lecturer); 10/2008.
71. Bipolar Disorders: Towards a Pathophysiology, Department of Psychiatry, University of Texas Southwestern Medical Center, Dallas, TX; 10/2008.
72. Bipolar Spectrum Disorder: Overview of Diagnoses and Clinical Presentation, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Invited Lecturer); 09/2008.
73. Recent Neuroimaging Findings in Bipolar Disorder Panel, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Moderator); 09/2008.
74. Multimodal Imaging of Bipolar Spectrum Disorders Panel, Eleventh Bridging Eastern & Western Psychiatry Congress, Antalya, Turkey (Moderator); 09/2008.
75. Childhood Disorders including Autism, ADHD, Conduct, Eating, and Mood Disorders, APA Colloquium for Young Investigators, Washington DC (Faculty Moderator); 05/2008.
76. BPAD: An Overview of Basic Science, Pediatric Bipolar Conference, Evidence Based Medicine, UNC & Duke University, Durham, NC (Invited Speaker); 05/2008.
77. Impulsivity and Bipolar Disorder, Eighth International Review of Bipolar Disorders, Copenhagen, Denmark (Invited Lecturer); 04/2008.
78. The Challenges of Diagnosing & Treating Bipolar Disorder in Primary Care, NCAFP Spring Family Physicians Weekend, Concord, NC (Invited Speaker); 04/2008.
79. Case Conference, Bipolar Disorder, Rehab Unit, John Umstead Hospital, Duke University Medical School, Durham, NC (Moderator); 04/2008.
80. Mood Disorders – Where Technology Meets Tradition, Ohio Psychiatric Physicians Association, Beachwood, OH; 04/2008.
81. Diagnosing and managing bipolar disorder in primary care settings, Southern Regional AHEC, Randolph Hospital (Invited Speaker); 02/2008.

82. Three-dimensional mapping of hippocampal anatomy in unmedicated patients with unipolar depression. ACNP Annual Meeting. (Poster Presentation, Co-Presenter); 12/2007.
83. Grand Rounds Presentation, Department of Psychiatry, University of Virginia, Charlottesville, VA (Invited Lecture); 11/2007.
84. Neuroimaging and Neurocognitive Studies of Bipolar Disorder, Neurodevelopmental Disorders Research Center, Monthly Investigator Forum, UNC Department of Psychiatry (Invited Lecture); 10/2007.
85. Update on Bipolar Disorders: UNC CERT-BD Program, AHEC presentation, UNC Department of Psychiatry (Invited Lecture); 10/2007.
86. Grand Rounds Presentation, Department of Psychiatry, Cambridge Hospital, Harvard Medical School (Invited Lecture); 09/2007.
87. Case Studies of Refractory Mania, Eleventh Annual, Eastern Mental Health Symposium, Wrightsville Beach, NC (Invited Speaker); 08/2007.
88. Neuroimaging and Neurocognitive Studies of Bipolar Disorder, CERT-BD Research Seminars, UNC Department of Psychiatry. (Invited Lecture); 08/2007.
89. Bipolar Affective Disorder, PGY-IV Resident's Lecture; 08/2007.
90. Bipolar Disorder and corticolimbic gray matter reduction: a voxel-based morphometry study, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
91. Risk taking and impulsivity in bipolar disorder: impact of history of alcohol abuse, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
92. Superior antimanic efficacy of allopurinol compared to dipyridamol and placebo as add-on treatment to lithium in unmedicated bipolar patients during a mania episode: a double-blind placebo-controlled trial, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
93. Glutamatergic abnormalities in the left dorsolateral prefrontal cortex of patients with bipolar disorder and comorbid alcohol/drug use disorders: a proton spectroscopy study, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
94. Differential involvement of inflammatory markers in adult and pediatric bipolar disorder, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
95. Reduction in the availability of the neurotrophic factor Insulin Growth Factor (IGF)-1, but not brain derived neurotrophic factor (BDNF), in individuals with mood disorder may result from synergistic effects of disease-specific processes and normal age-associated reduction in circulating levels, Seventh International Conference for Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2007.
96. Brain Imaging and Neurocognition: Contributions to the Study of Pathophysiology of Bipolar Disorder, Grand Rounds Presenter, Mayo Clinic, Rochester, NY (Invited Lecturer); 06/2007.

97. Brain Imaging and Neurocognition: Contributions to the Study of Pathophysiology of Bipolar Disorder, Grand Rounds Presenter, University of North Carolina, Department of Psychiatry, Chapel Hill, NC (Invited Lecturer); 09/2006.
98. Neuroscience Perspective on Depression, Anxiety and Related Disorders, Texas Academy of Family Physicians, San Antonio, TX (Invited Lecturer); 09/2006.
99. Neurobiology of Bipolar Disorder in Childhood and Adolescents, 2006 Brazilian Forum on Bipolar Disorders, Porto Alegre, BR (Invited Lecturer); 08/2006.
100. Neuroimaging Studies of Bipolar Disorder, 2006 Brazilian Forum on Bipolar Disorder, Porto Alegre, BR (Invited Lecturer); 08/2006.
101. Review of Treatment Issues on a Patient with Bipolar Disorder and Alcoholism, 2006 Brazilian Forum on Bipolar Disorder, Porto Alegre, BR (Invited Lecturer); 08/2006.
102. Endophenotypic Markers for Bipolar Disorder, CINP 2006 Symposium, CINP Congress, Chicago, IL (Co-Presenter); 07/2006.
103. In Vivo 1H MRS Studies and Possible Endophenotypic Markers for Bipolar Disorder, CINP 2006 Symposium, CINP Congress, Chicago, IL (Invited Speaker); 07/2006.
104. Sensitivity and Specificity of Cognitive Defects for Bipolar Disorder, International Society for Bipolar Disorder 2006 Annual Conference, Edinburgh, UK (Co-Presenter); 07/2006.
105. Functioning of Families with Juvenile Bipolar Offspring, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
106. Deficits in Working Memory and Executive Function in Juvenile Bipolar Disorder, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
107. Proton Chemical Shift Imaging in Pediatric Bipolar Disorder, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
108. N-Acetyl Aspartate Reduction in the Dorsolateral Prefrontal Cortex of Pediatric Bipolar Patients, 4th Annual NIMH Pediatric Bipolar Disorder Conference, NIMH, Chicago, IL (Poster Presentation, Co-Presenter); 03/2006.
109. Effects of Lithium Treatment on Human Brain Structure Mapped Using Longitudinal MRI, ACNP Congress 2005 Annual Meeting, ACNP Congress, San Juan, PR (Sole Presenter); 12/2005.
110. Cortical Mapping of Gray Matter Density in Bipolar Disorder Patients, Society for Neuroscience Annual Meeting, Society for Neuroscience, Washington, DC (Sole Presenter); 11/2005.
111. Update of Neurobiology and Treatment of Bipolar Disorders, The Montana Neurosciences Institute Foundation, Missoula, MT (Invited Speaker); 11/2005.

112. Contributions From Neuroimaging to Study the Pathophysiology of Bipolar Disorder, The Montana Neuroscience Institute Foundation, Missoula, MT (Invited Speaker); 11/2005.
113. Clinical implications of the bipolar spectrum, Bipolar Disorders Symposium, Porto Alegre, BR (Sole Presenter, Invited Lecture); 03/2005.
114. Comorbidities in the treatment of bipolar disorders, Bipolar Disorders Symposium, Porto Alegre, BR (Sole Presenter, Invited Lecture); 03/2005.
115. Brain abnormalities in bipolar disorder-perspectives from pediatric and adult studies, Wayne State University, Department of Psychiatry grand rounds presentation, Detroit, MI (Sole Presenter, Invited Lecture); 03/2005.
116. Brain Imaging Changes in Bipolar Disorders-Do they exist and do they progress?, Wayne State University, Department of Psychiatry Research Seminars presentation, Detroit, MI (Sole Presenter, Invited Lecture); 03/2005.
117. Neuroimaging of mood and anxiety disorders, Pfizer Neuroscience Workshop, Antalya, TU (Sole Presenter, Invited Lecture); 3/2005.
118. Smaller cingulate gray matter volumes in unipolar depression, American College of Neuropsychopharmacology (ACNP) Congress, San Juan, PR (Poster Presentation, Co-Presenter); 12/2004.
119. Update on the neurobiology of bipolar disorders, 22nd Brazilian Congress of Psychiatry, Salvador, Bahia, BR (Sole Presenter, Invited Lecture); 10/2004.
120. Brain abnormalities in bipolar disorder-perspectives from pediatric and adult studies, 17th European College of Neuropsychopharmacology Congress, Stockholm, SW (Sole Presenter, Invited Lecture); 10/2004.
121. In vivo fMRI study of GABAergic brain function in human subjects, Society for Neuroscience Annual Meeting, San Diego, CA (Sole Presenter); 10/2004.
122. Fronto-Limbic Brain Abnormalities in Juvenile Onset Bipolar Disorder, Management of Difficult Cases of Attention Deficit Hyperactivity Disorder: Focus on Comorbidity and Complexity, University of Texas Health Science Center at San Antonio CME conference, San Antonio, TX (Sole Presenter, Invited Lecture); 09/2004.
123. Advances in Neuroimaging Applied to Psychiatry, Seminar on Neuroimaging in Psychiatry, Rio de Janeiro, BR (Sole Presenter, Invited Lecture); 07/2004.
124. Brain imaging findings in mood disorders, Seminar on Neuroimaging in Psychiatry, Rio de Janeiro, BR (Sole Presenter, Invited Lecture); 07/2004 .
125. Bipolar Disorders-Update on Neurobiological Mechanisms, Lecture at the Center for Health Care Services, San Antonio, TX (Sole Presenter, Invited Lecture); 07/2004.
126. Brain Imaging and the Pathophysiology of Mood Disorders, Symposium at the Collegium International Neuro-Psychopharmacologicum (CINP) Congress, Paris, FR (Co-Chair); 06/2004.
127. Mood Stabilizers and neuroprotection: evidence from in vivo brain imaging studies, Collegium International Neuro-Psychopharmacologicum (CINP) Congress, Paris, FR (Sole Presenter, Invited Lecture); 06/2004.

128. Bipolar affective disorders, São Paulo State Psychiatry Congress, São Paulo, BR (Invited Lecture); 06/2004.
129. Fronto-limbic brain abnormalities in bipolar disorders, São Paulo State Psychiatry Congress, São Paulo, BR (Invited Lecture); 06/2004.
130. Advances in the pharmacological treatment of bipolar disorders, Bipolar Disorders Symposium, Porto Alegre, BR (Invited Lecture); 05/2004.
131. Bipolar spectrum-diagnostic and clinical implications, Bipolar Disorders Symposium, Porto Alegre, BR (Invited Lecture); 05/2004.
132. The phosphoinositol pathway and the pathophysiology of bipolar disorders, Federal University of Rio Grande do Sul, Porto Alegre, BR (Invited Lecture); 05/2004.
133. Treatment of bipolar disorders in the future, Taped audio CME activity, Medical Information Systems, Inc., New York City, NY (Co-Presenter); 05/2004.
134. Effects of age on brain abnormalities in juvenile onset bipolar disorders, Society of Biological Psychiatry Congress, Workshop on "Psychiatry Disorders and Neurodevelopment", New York, NY (Sole Presenter); 04/2004.
135. Contributions from neuroimaging to the study of pathophysiology of bipolar disorders, Department of Medicine Research Seminars, UTHSCSA, San Antonio, TX (Invited Lecture); 04/2004.
136. Fronto-limbic abnormalities in juvenile onset bipolar disorders, NIH Pediatric Bipolar Disorders Symposium, Boston, MA (Invited Lecture); 03/2004.
137. Brain Imaging and the Pathophysiology of Bipolar Disorder, International Congress of Biological Psychiatry, Sydney, AS (Sole Presenter); 02/2004.
138. MRI/MRS Studies of Children and Adolescents, International Congress of Biological Psychiatry, Sydney, AUS (Sole Presenter); 02/2004.
139. Brain Abnormalities in Bipolar Disorder: Do They Exist and Do They Progress?, International Congress of Biological Psychiatry, Sydney, AUS (Sole Presenter); 02/2004.
140. Bipolar Disorders: Update on Neurobiological Mechanisms, Bipolar Disorders Symposium, Boston, MA (Invited Lecture); 01/2004.
141. Fronto-limbic brain abnormalities in bipolar children and adolescents: preliminary results, 42nd Annual Meeting of the American College of Neuropsychopharmacology, San Juan, PR (Co-Presenter); 12/2003.
142. Cyclooxygenase-2 As A Therapeutic Target in Human Brain Disease, Study Group, ACNP 42nd Annual Meeting, San Juan, PR (Co-Presenter); 12/2003.
143. Fronto-limbic abnormalities in bipolar children and adolescents, American College of Neuropsychopharmacology (ACNP) Congress, San Juan, PR (Sole Presenter); 12/2003.
144. The Role of Neuroimaging in the Study of Pathophysiology of Bipolar Disorder, Lecture presented at the IRCCS Centro S Giovanni di Dio-Fatebenefratelli, Brescia, IT (Invited Lecture); 11/2003.

145. Psychiatry and Substance Abuse Discussion Section, Chair. Group 1, Annual Breakfast meeting for Dana Foundation Imaging Grantees, Society of Neuroscience 33rd Annual Meeting, New Orleans, LA (Sole Presenter); 11/2003.
146. Brain Imaging Changes in Bipolar Disorder: Do they Exist and Do They Progress?, Meeting of the European Foundation for Psychiatry on "Bipolar Disorder: The Upswing in Research and Treatment", Maudsley Hospital, King's College London, UK (Invited Lecture); 11/2003.
147. Brain Imaging in Bipolar Disorder: What clinicians Need to Know, 55th Institute on Psychiatric Services Symposium, Boston, MA (Invited Lecture); 10/2003.
148. Lamotrigine in The Treatment of Bipolar Disorder, XXI Brazilian Congress of Psychiatry, GlaxoSmithKline, Satellite Symposium, Goiania, BR (Invited Lecture); 10/2003.
149. Diagnostic and Therapeutic Issues on the Bipolar Spectrum, XXI Brazilian Congress of Psychiatry, Goiania, BR (Invited Lecture); 10/2003.
150. Fronto- Limbic Abnormalities in Bipolar Children and Adolescents: Findings from a Preliminary MRI/MRS Study, Child Depression Consortium meeting, Hosted by the Academic Division of Child Psychiatry, Department of Psychiatry, University of Pittsburgh Medical Center, Pittsburgh, PA (Invited Lecture); 09/2003.
151. Update on the Treatment of Bipolar Disorder, Annual Congress of the Mexican Psychiatric Association, Eli Lilly de Mexico S.A de C.V., MEX (Invited Lecture); 09/2003.
152. What is the limit to bipolarity-therapeutic implications, Astra-Zeneca Medical Education Program, San Antonio, TX (Sole Presenter); 09/2003.
153. Contributions from brain imaging to the elucidation of pathophysiology of bipolar disorders, University of Texas Southwestern Medical Center Grand Round Presentation, Department of Psychiatry, Dallas, TX (Invited Lecture); 09/2003.
154. Co-moderator, Cognitive and Psychiatric Disorders, Eleventh Scientific Meeting and Exhibition, International Society of Magnetic Resonance in Medicine (ISMRM), Toronto, CA (Co-Presenter); 07/2003.
155. Recent New Developments on Pathophysiology and Aetiology of Bipolar Disorders, Lecture presented at the Expert Review on Bipolar Disorders Conference, Munich, GM (Invited Lecture); 04/2003.
156. Brain Imaging Studies in Bipolar Disorders, Lecture presented as part of the Neuroscience Imaging Program (NISTP) series, Yale University School of Medicine, New Haven, CT (Invited Lecture); 03/2003.
157. Update on Treatment of Bipolar Disorders, Grand Rounds lecture presented at VA Medical Center, Baylor College of Medicine, Houston, TX (Invited Lecture); 02/2003.
158. Abnormal amygdala development in bipolar adolescents: A preliminary study, 41st Annual American College of Neuropsychopharmacology meeting, San Juan, PR , PR (Poster Presentation, Co-Presenter); 12/2002.



159. Decreased left anterior cingulate volumes in untreated bipolar disorder patients, Society of Neuroscience Meeting, Orlando, FL (Poster Presentation, Co-Presenter); 11/2002.
160. Management of Mood Swings During Treatment of Bipolar, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (WFSBP), Santiago, CI (Invited Lecture); 11/2002.
161. Where is the Limit of Bipolarity? Therapeutic Implications, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (WFSBP), Santiago, CI (Invited Lecture); 11/2002.
162. Use of Mood Stabilizers in Bipolar Depression: Clinical Management and Practical Approaches, Lecture presented at the Regional Congress of the World Federation of Societies of Biological Psychiatry (SFSBP), Santiago, CI (Invited Lecture); 11/2002.
163. Pharmacological Treatment of Bipolar Disorder, Lecture presented at CME Conference at Texas A&M University, Corpus Christi, TX (Invited Lecture); 11/2002.
164. Lithium effects in dorso-lateral prefrontal cortex in healthy individuals: A 1H MRS study, International Society for Brain Electromagnetic Topography (ISBET), 12th World Congress, Naples, IT (Poster Presentation, Co-Presenter); 10/2002.
165. Lithium effects on dorso-lateral prefrontal cortex in bipolar disorder patients, International Society for Brain Electromagnetic Topography (ISBET), 12th World Congress, Naples, IT (Poster Presentation, Co-Presenter); 10/2002.
166. Brain Imaging Investigations on Bipolar Disorders, Lecture presented at Department Grand Rounds, Department of Psychiatry, University of Mississippi School of Medicine, Jackson, MS (Invited Lecture); 10/2002.
167. Diagnosis and Treatment of Bipolar Depression, Lecture presented at the Brazilian Congress of Psychiatry, Florianopolis, BR (Invited Lecture); 10/2002.
168. Brain Imaging Studies on the Mechanism of Action of Mood Stabilizers, Lecture presented at the 15th ECNP Congress, Barcelona, SP (Invited Lecture); 10/2002.
169. In vivo MRI and MRS studies of the mechanisms of action of lithium, Lecture Presented at The Third European Conference on Bipolar Disorder, Freiburg, GM (Invited Lecture); 09/2002.
170. Structural MRI and MRS Abnormalities in Bipolar Disorder, Lecture presented at the Third European Conference on Bipolar Disorder, Freiburg, GM (Invited Lecture); 09/2002.
171. Opportunities for Research Training, Meet the Expert Session, For Young Fellows, World Psychiatric Association Congress, Yokohama, JAP (Co-Presenter); 08/2002.
172. Anatomical MRI studies in bipolar disorder, Symposium on "Recent Progress on Lithium Study- from Basic to Clinical Approach", World Psychiatric Association Congress, Yokohama, JAP (Invited Lecture); 08/2002.
173. Brain imaging findings in bipolar disorder-what clinicians need to know?, II International Symposium on Psychosis, Salvador, BR (Invited Lecture); 08/2002.

174. Update on Diagnosis and Treatment of Schizoaffective Disorder, Lecture presented at the II International Symposium on Psychosis, Salvador, BR (Invited Lecture); 08/2002.
175. Brain Imaging Findings in Bipolar Disorder, Lecture presented at the XXIII Congress of the Collegium Internationale Psychopharmacologicum (CINP 2002 Congress), Montreal, CA (Invited Lecture); 06/2002.
176. An Update on the Management of Bipolar Mania, Lecture presented at the Waco VA Medical Center, Waco, TX (Invited Lecture); 06/2002.
177. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at the Austin State Hospital, Austin, TX (Invited Lecture); 06/2002.
178. A Post-processing method to accurately quantify N-acetylaspartate in short echo time in vivo 1H spectra, International Society for Magnetic Resonance in Medicine Meeting, Honolulu, HI (Poster Presentation, Co-Presenter); 05/2002.
179. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at Austin State School, Austin, TX (Invited Lecture); 05/2002.
180. Brain imaging studies in bipolar disorder, Lecture presented at the institute of Psychiatry, University of São Paulo School of Medicine, São Paulo, BR (Invited Lecture); 04/2002.
181. Brain imaging in bipolar disorder – what clinicians should know?, Lecture presented at the Department of Psychiatry, Federal University of Rio Grande do Sul, Porto Alegre, BR (Sole Presenter, Invited Lecture); 04/2002.
182. Advances in the pharmacological treatment of bipolar disorder, Lecture presented at the Department of Psychiatry, Federal University of Rio Grande do Sul, Porto Alegre, BR (Invited Lecture); 04/2002.
183. Bipolar Mania: An Overview of Diagnosis and Treatment, Lecture presented at Miami City Club, Miami, FL (Invited Lecture); 04/2002.
184. Increased gray matter brain content in lithium-treated bipolar patients, International Society of Affective disorders Congress, Taormina, IT (Oral Presentation); 03/2002.
185. Brain imaging – potential for studies in bipolar disorder, Two workshop sessions organized at the Lilly Laboratories Global Medical Conference, Two Workshop Sessions, Lilly Laboratories, Monte Carlo, MN (Invited Lecture); 03/2002.
186. Brain imaging in bipolar disorder, Lecture presented at the Lilly Laboratories Global Medical Conference, Lilly Laboratories, Monte Carlo, MN (Invited Lecture); 03/2002.
187. Brain imaging studies in bipolar disorder, Lecture presented at the Research Imaging Center, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 03/2002.
188. Brain imaging in Psychiatry, San Antonio Medical Imaging Research Workshop (SAMIR) 2002, Department of Radiology, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2002.

189. Brain imaging studies in bipolar disorder, Lecture presented at Grand Rounds, Department of Psychiatry, The University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2002.
190. Brain imaging in Psychiatry, Lecture presented at the Mental Health and Public Policy Symposium, University of California, Berkeley, CA (Invited Lecture); 01/2002.
191. 1H MRS study of frontal cortex in bipolar adolescents: a preliminary study, American College of Neuropsychopharmacology Meeting, Kona, HI (Poster Presentation); 12/2001.
192. Gray matter reduction in bipolar patients with MRI and voxel-based morphometry: preliminary results, Society for Neuroscience Annual Meeting, San Diego, CA (Poster Presentation, Co-Presenter); 11/2001.
193. Brain imaging findings in bipolar disorder, Lecture presented at the Brazilian Congress of Psychiatry, Recife, BR (Invited Lecture); 11/2001.
194. Opportunities for postdoctoral fellowship training abroad, Presentation at the round table on "Postgraduate Training in Psychiatry", Brazilian Congress of Psychiatry, Recife, BR (Sole Presenter); 11/2001.
195. New developments in the treatment of bipolar disorder, Lecture presented at the meeting of the local APA chapter for Upstate New York, APA, Cooperstown, NY (Invited Lecture); 11/2001.
196. Neuroimaging in bipolar disorder, Lecture presented at the International Symposium on Bipolar Disorder, Cascais, PT (Invited Lecture); 11/2001.
197. Brain imaging in bipolar disorders: what clinicians should know?, Lecture presented at the Buffalo Psychiatric Society Meeting, Buffalo, NY (Invited Lecture); 10/2001.
198. Anatomical MRI study of the subgenual prefrontal cortex in bipolar and unipolar disorder patients, 6th World Congress of the International Society for Neuroimaging in Psychiatry, Bern, SZ (Poster Presentation, Co-Presenter); 09/2001.
199. Corpus callosum signal intensity in bipolar and unipolar disorder patients, 6th World Congress of the International Society for Neuroimaging in Psychiatry, Bern, SZ (Poster Presentation, Co-Presenter); 09/2001.
200. Co-chair for session on "Biological Models and Neurobiology", International Workshop on Bipolar Disorders, St. Tropez, FR (Co-Presenter); 09/2001.
201. Brain Imaging, Lecture at International Workshop on Bipolar Disorders, St. Tropez, FR (Invited Lecture); 09/2001.
202. Are there abnormalities in corpus callosum size in bipolar disorder patients?, 7th World Congress of Biological Psychiatry, Berlin, GM (Poster Presentation, Co-Presenter); 07/2001.
203. Co-chair of symposium on "Brain Imaging Investigations of Mood Disorders", 7th World Congress of Biological Psychiatry, Berlin, GM (Co-Presenter); 06/2001.

204. 7Li MRS as a psychopharmacological tool, Lecture presented at the symposium on "Brain Imaging Investigations of Mood Disorders", 7th World Congress of Biological Psychiatry, Berlin, GM (Invited Lecture); 07/2001.
205. Bipolar imaging: what clinicians need to know?, Lecture presented at the Latin American Regional Conference on Bipolar Disorders, Lilly Laboratories, San Juan, PR (Invited Lecture); 07/2001.
206. Brain imaging in bipolar disorders, Workshop presented at the Biological Psychiatry Branch, National Institute of Mental Health, Washington, DC (Invited Lecture); 07/2001.
207. Glutamatergic abnormalities in the left dorsolateral prefrontal cortex in unmedicated unipolar disorder patients: a preliminary study, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
208. Are amygdala volumes increased in bipolar disorder patients?, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
209. MRI volumetric analysis of pituitary gland in bipolar and unipolar disorder patients, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
210. White matter hyperintensities in bipolar and unipolar mood disorder subjects, IV International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/2001.
211. Brain imaging studies in bipolar disorder, Lecture presented at the Department of Psychiatry, University of California, San Francisco, CA (Invited Lecture); 06/2001.
212. Bipolar imaging: what clinicians need to know?, Lecture presented at the Global Medical Conference on Bipolar Disorder, Lilly Laboratories, Indianapolis, IN (Invited Lecture); 06/2001.
213. Lorazepam administration and 1H MRS brain metabolites in human subjects, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Oral Presentation); 05/2001.
214. Decreased pituitary volume in bipolar patients, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.
215. MRI study of corpus callosum abnormalities in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.
216. 1H MRS study of the DLPFC in unipolar disorder patients, Presented at the Society of Biological Psychiatry Annual Meeting, Society of Biological Psychiatry, New Orleans, LA (Poster Presentation); 05/2001.
217. Are amygdala volumes abnormal in bipolar disorder patients?, Society of Biological Psychiatry Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 05/2001.

218. Contributions from brain imaging to understanding the pathophysiology of bipolar disorder, Grand rounds presentation at Department of Psychiatry, University of Arizona College of Medicine, Tucson, AZ (Invited Lecture); 05/2001.
219. Brain imaging studies of bipolar disorder, Lecture presented at the Department of Psychiatry, University of Michigan, Ann Arbor, MI (Invited Lecture); 05/2001.
220. Brain imaging investigations in bipolar disorder, Grand rounds presentation at Department of Psychiatry, Indiana University, Indianapolis, IN (Invited Lecture); 04/2001.
221. The contribution of brain imaging to the understanding of bipolar disorder, "Expert Review of Bipolar Disorders" symposium, Prague, EZ (Invited Lecture); 03/2001.
222. Brain imaging investigations in bipolar disorder, Grand Rounds Presentation at the Department of Psychiatry, University of Texas Health Science Center at San Antonio, San Antonio, TX (Invited Lecture); 02/2001.
223. Can brain imaging studies provide a "mood stabilizer signature"? , Lecture presented at the "think-tank" on "What makes a drug a primary mood stabilizer?", Lilly Laboratories, Indianapolis, IN (Invited Lecture); 02/2001.
224. 1H-MRS brain measures and acute lorazepam administration, Presented at American College of Neuropsychopharmacology Annual Meeting, San Juan, PR (Poster Presentation, Co-Presenter); 12/2000.
225. Platelet membrane phosphoinositide levels and in vivo brain myo-inositol measures in human subjects, Presented at Society for Neuroscience Annual Meeting, New Orleans, LA (Poster Presentation, Co-Presenter); 11/2000.
226. Co-chair for symposium on "Neuroimaging investigations in bipolar disorder", CINP Congress, Brussels, Brussels, BE (Co-Presenter); 07/2000.
227. Anatomical MRI study of posterior fossa structures in bipolar disorder, CINP Annual Meeting, Brussels, BE (Poster Presentation, Co-Presenter); 07/2000.
228. Neurochemical brain imaging findings in bipolar disorder, CINP Congress, Lecture presented at the symposium on "Neuroimaging investigations in bipolar disorder", Brussels, BE (Invited Lecture); 07/2000.
229. Co-chair for workshop on "Neurochemical brain imaging investigations in bipolar disorder", Society of Biological Psychiatry Annual Meeting, Chicago, IL (Co-Presenter); 05/2000.
230. PIP2 platelet membrane levels: a marker of relevance for the pathophysiology of bipolar disorder?, Society of Biological Psychiatry Annual Meeting, Chicago, IL (Oral Presentation); 05/2000.
231. Anatomical MRI study of basal ganglia in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter)' 05/2000.
232. MRI investigations of cerebellar abnormalities in bipolar disorder, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.

233. Dorsolateral prefrontal cortex abnormalities in bipolar disorder – possible effects of lithium treatment?, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.
234. MRI Study of the Cingulate Cortex in Bipolar Disorder Patients, Presented at Society of Biological Psychiatry Annual Meeting, Chicago, IL (Poster Presentation, Co-Presenter); 05/2000.
235. <sup>1</sup>H and <sup>7</sup>Li MRS studies in bipolar disorder, Society of Biological Psychiatry Annual Meeting, Lecture presented at the workshop on "Neurochemical brain imaging investigations in bipolar disorder", Chicago, IL (Sole Presenter, Invited Lecture); 05/2000.
236. Increased PIP2 platelet levels in drug-free depressed bipolar patients, Society for Neuroscience Annual Meeting, Miami, FL (Sole Presenter, Oral Presentation); 10/1999.
237. Advances in the treatment of mania, mixed states, and rapid cycling, Canadian Psychiatric Association Annual Meeting, Symposium "Bipolar Disorder: Current Trends and Future Directions", Canadian Psychiatric Association, Toronto, CA (Invited Lecture); 09/1999.
238. MRS studies in bipolar disorder, Canadian Psychiatric Association Annual Meeting, Symposium "Advances in the neurobiology of bipolar disorder", Canadian Psychiatric Association, Toronto, CA (Invited Lecture); 09/1999.
239. Utilization of deuterium isotope effect to enhance specific brain uptake of [18F]altanserin, a 5HT<sub>2A</sub> radiotracer for PET, International Symposium on Radiopharmaceutical Chemistry, St. Louis, MO (Poster Presentation, Co-Presenter); 07/1999.
240. Improved PET quantification of 5HT<sub>2A</sub> receptors with [18F] deuterioaltanserin: a constant infusion paradigm, Society for Nuclear Medicine Annual Meeting, Los Angeles, CA (Poster Presentation, Co-Presenter); 06/1999.
241. Biochemical investigations of the anterior cingulate with 1.5T <sup>1</sup>H MRS in bipolar disorder patients, Brain 99 Congress, Copenhagen, DA (Poster Presentation, Co-Presenter); 06/1999.
242. Brain lithium concentrations measured with <sup>7</sup>Li MRS at 3T in bipolar disorder patients, Brain 99 Congress, Copenhagen, DA (Poster Presentation, Co-Presenter); 06/1999.
243. Brain <sup>7</sup>Li magnetic resonance spectroscopy measures at 3T in bipolar disorder patients, III International Conference on Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1999.
244. In vivo 1.5T <sup>1</sup>H MRS neurochemical brain abnormalities in bipolar disorder patients, III International Conference on Bipolar Disorders, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1999.
245. Specificity of Lithium in the Treatment of Bipolar Disorders, Lecture presented at the III International Conference on Bipolar Disorders, Pittsburgh, PA (Invited Lecture); 06/1999.
246. Brain <sup>7</sup>Li MRS measures at 3T in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Oral Presentation); 05/1999.

247. PIP2 and PKC platelet measures do not correlate in bipolar patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Oral Presentation); 05/1999.
248. NAA and choline measures in the anterior cingulate of bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Washington, DC (Poster Presentation, Co-Presenter); 05/1999.
249. Protein kinase C (PKC) isozymes in lithium-treated bipolar patients, Society for Neurosciences Annual Meeting, New Orleans, LA (Oral Presentation); 11/1998.
250. New expectations in the treatment of affective disorders, Congress of the Chilean Society of Biological Psychiatry, Chilean Society of Biological Psychiatry, Vina del Mar, CI (Invited Lecture); 11/1998.
251. Lithium effects on membrane phosphoinositides in bipolar patients - evidence from a platelet study, XXI Collegium Internationale Neuro-Psychopharmacologicum, Glasgow, UK (Poster Presentation, Co-Presenter); 07/1998.
252. Changes on benzodiazepine receptor and development of tolerance during chronic benzodiazepine administration in healthy human subjects, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation, Co-Presenter); 06/1998.
253. H-2 and F-18 dual-labeled altanserin as a metabolically resistant PET ligand for serotonin-2A (5-HT<sub>2A</sub>) receptor, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation); 06/1998.
254. Benzodiazepine receptor imaging using [I-123] iomazenil SPECT in schizophrenia, Society of Nuclear Medicine Annual Meeting, Toronto, CA (Poster Presentation, Co-Presenter); 06/1998.
255. Does Lithium have detectable effects on platelet membrane phosphoinositides in bipolar disorder patients? workshop on "Novel Therapeutic Strategies in the Schizophrenia Spectrum and Bipolar Disorders", International Academy for Biomedical and Drug Research, Venice, IT (Poster Presentation, Co-Presenter); 05/1998.
256. Effects of lithium on platelet membrane phosphoinositides in bipolar disorder patients, Society of Biological Psychiatry Annual Meeting, Toronto, CA (Oral Presentation); 05/1998.
257. Platelet membrane phospholipids in euthymic bipolar disorder patients: Are they affected by lithium treatment?, Lecture presented at the Central Neuropsychiatric Association Annual Meeting, Deerfield Beach, FL (Invited Lecture); 10/1997.
258. Stability of in vivo platelet membrane phospholipid measures in healthy human subjects, Society for Neurosciences Annual Meeting, New Orleans, LA (Oral Presentation); 10/1997.
259. Platelet membrane phosphoinositide measures in bipolar disorder patients, Second International Conference on Bipolar Disorder, Pittsburgh, PA (Poster Presentation, Co-Presenter); 06/1997.
260. Platelet membrane phosphatidylinositol-4,5-bisphosphate relative volume measures in lithium-treated euthymic bipolar disorder patients, Society of

- Biological Psychiatry Annual Meeting, San Diego, CA (Poster Presentation, Co-Presenter); 05/1997.
261. Platelet membrane phosphoinositides in bipolar disorder patients: Possible in vivo effects of lithium treatment, NCDEU Meeting, Boca Raton, FL (Poster Presentation, Co-Presenter); 05/1997.
  262. Phosphoinositide membrane measures in platelets of bipolar disorder patients: Possible effects of lithium treatment, American Society of Clinical Psychopharmacology Annual Meeting, Barbados (Poster Presentation, Co-Presenter); 02/1997.
  263. The lithium ion: a foundation for psychopharmacological specificity, XX Collegium Internationale Neuropsychopharmacologicum Congress, Melbourne, AS (Co-Presenter, Oral Presentation); 06/1996.
  264. Influence of HIV serology in the treatment of drug dependents, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
  265. Consultation-liaison psychiatry in cardiology: a seven year experience, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
  266. Delirium in the post-operative period of cardiac surgery: prevalence, risk factors and treatment, XII Brazilian Congress of Psychiatry, Gramado, BR (Poster Presentation, Co-Presenter); 10/1992.
  267. Consultation-liaison psychiatry in cardiology: study of 101 cases, VIII Symposium on Integration between Internal Medicine and Psychiatry: Depressive Disorders, Ribeirao Preto, BR (Poster Presentation, Co-Presenter); 04/1992.
  268. Outcome predictors in alcoholics: one year follow-up, 36th International Institute on the Prevention and Treatment of Alcoholism, Stockholm, SW (Poster Presentation, Co-Presenter); 06/1991.
  269. Outcome predictors in alcoholics, 35th International Institute on the Prevention and Treatment of Alcoholism, Berlin, GM (Poster Presentation, Co-Presenter); 06/1990 .
  270. Evaluation of the effectiveness of an outpatient treatment program for alcoholics: follow-up measures and identification of predictive factors, VIII University Congress of the University of São Paulo School of Medicine, São Paulo, BR (Co-Presenter, Oral Presentation); 05/1989.
  271. Sources of biases in the utilization of standardized interviews for the follow-up of addicted patients, VIII Brazilian Congress on Alcoholism, São Paulo, BR (Poster Presentation, Co-Presenter); 04/1989.