

BIOGRAPHICAL SKETCH

Last name, First name: Boujraf, Saïd; POSITION TITLE: Full Professor (C: Tenured)

Employing institution: Faculty of Medicine, Sidi Mohamed ben Abdellah University, Fez, Morocco

1. Research sector: Medical and Health Sciences

2. Key words: Clinical Imaging Methods, Brain Sciences, Neuropsychology, Genomic, Computer and clinical Neurosciences, Applied neurology, applied psychiatry, Biophysics, Health and Medicine

3. Academic background (degrees) and work experience

• Education

INSTITUTION AND LOCATION	DEGREE	FIELD OF STUDY
University Mohamed 1 st , Oujda, Morocco	Bachelor degree	Solid State Physics
Free University of Brussels (VUB), Brussels, Belgium	Master of Science	Theoretical Nuclear Physics
	Master Study of Medical and Pharmaceutical Research	Medical and Pharmaceutical research
	Ph.D.	Medical Sciences
	Educational Medical Doctorate	Medicine and Medical Sciences
High School of Psychology, Casablanca, Morocco	Master Study of Clinical Neuropsychology, psychology, and Psychotherapy	Clinical Neuropsychology and psychology
Sidi Mohamed ben Abdellah University, Faculty of Humanities; Fez; Morocco	Bachelor degree	Psychology

• Work experience

2003-present	Assistant to Full Professor (Tenured), Department of Biophysics and Clinical MRI Methods, Faculty of Medicine, University of Fez, Fez, Morocco
2004-present	Leader of the Department of Biophysics and Clinical MRI Methods, Faculty of Medicine, University of Fez, Fez, Morocco
2006-present	Director of the Clinical Neurosciences Laboratory, Faculty of Medicine, University of Fez, Fez, Morocco
2006	Founder of the Clinical Neurosciences Laboratory, Faculty of Medicine, University of Fez, Fez, Morocco
2008	Senior Researcher, MRI Center, Department of Internal Medicine II, University Hospital Ulm, Ulm, Germany (Sabbatical Year)
2007	Senior Researcher, MR Molecular Imaging Team, Molecular Imaging Center, National Institute of Radiological Sciences (NIRS), Inage, Chiba, Japan (Sabbatical Year)
2007-2011	Adjunct Professor, Biomedical Technologies and life Sciences Laboratory, Department of Biology, Faculty of Sciences, University of Fez, Morocco
2007-2011	Adjunct Professor, Department of Psychology, Faculty of Letters and Human Sciences, University of Fez, Morocco
2008-2013	Adjunct Professor, Biomedical and Health Sciences, Laboratory, Department of Biology, Faculty of Sciences, University of Fez, Morocco
2010-2012	Adjunct Professor, Cognitive Neurosciences and Mental Health Laboratory, Faculty of Medicine and Pharmacy, University of Casablanca, Casablanca, Morocco
2011-2014	Adjunct Professor, Cognitive Neurosciences and Population health, Department of Biology, Faculty of Sciences, Kenitra, Morocco
2001-2004	Associate Researcher, Institute of Neuroradiology, University Hospital of Zurich, Zurich, Switzerland
1999-2001	Research Assistant, MRI Unit, Department of Clinical Imaging, University Hospital Vrije Universiteit Brussel (AZ-VUB), Brussels, Belgium.
1994-1998	Research Assistant, Biomedical MR Unit, Pluridisciplinary Research Institute for Medical Imaging Sciences (PRIMIS), Vrije Universiteit Brussel, Brussels, Belgium

4. Professional activities and contributions

Role: PI (2024-2028)

Joint Funding Grant NIH Funding Opportunities - National Institute of Health, Bethesda, USA

The MINDSeq-Africa Study: Mental health Innova;on, Networks, Data and Sequencing in Africa

Role: PI (2020-2025)

Funding Grant National Center for Scientific and Technical Research (CNRST)

Accreditation of the Clinical neurosciences laboratory and award as the best Research laboratory in Health sciences Morocco and North-Africa.

Role: PI (2018-2022)

Joint funding Grant National Center for Scientific and Technical Research (CNRST), and; NIDA Funding Opportunities - National Institute on Drug Abuse, USA

Study of the impact of heavy and chronic cannabis use on brain: Neuropsychological assessment, BOLD-fMRI, DTI and VBM studies.

Role: PI (2017-2021)

Research Grant: (MESRSFC-CNRST-2016-04062014)

Grants of National Center for Research in Science and Technology of Morocco (CNRST) allocated within Framework of international call for Project in National Research Priorities in Scientific Research and Technology Development. Study of impact of Type-2-Diabetes on Human Brain: The study assesses:1) the plastic changes that occur in various populations and degrees of type 2 diabetes and substance use; 2) explore the tissues and brain components entities including tissues density and potential atrophy; and 3) find out a correlation between psychometric parameters, biological data and imaging data collected.

Role: PI (2008-2011 Renewed for 2012-2015)

Joint Grant (GDR) from the National Center for Scientific Research (CNRS), and; National Institute of Health and Medical Research (INSERM), France

Developing MRI platform and National reference in Magnetic Resonance Imaging

Role: PI (2009-2014)

FP7 Research Grant: NEROMED (FP7-2009-REGPOT-245807)

Euro-Mediterranean project for the development of fundamental clinical neurosciences:
Impact of learning processes on Parkinson disease: Behavioral, BOLD-fMRI and DTI study

Role: PI (2004-2008)

FP6 Research Grant: MECOCAT (FP6-2004-LIFESCIHEALTH-5)

Metal Compounds in Cancer Therapy. Research and Development
Component 4: The assessment of impact of metal compounds on brain cancer treatment using Magnetic Resonance Imaging (animal model and clinical trial)

Role: PI (2010-2014)

Joint Grant of National Ministries of Health, and Higher Education and Scientific Research 2010

Impact of Oxidative Stress on Human Tissue in Hemodialysis Patients: BOLD-fMRI and Biological Characterization

Role: PI (2005-2008)

Joint Grant of National Ministries of Health, and Higher Education and Scientific

Assessment of Diet Impact of Brain function: BOLD-fMRI Study.

5. Complete List of Published Work in My Bibliography:

Author and coauthor of more than 300 articles and conference papers

Pubmed base: <https://pubmed.ncbi.nlm.nih.gov/?term=boujraf&sort=date&size=200>

Scopus based: <https://www.scopus.com/authid/detail.uri?authorId=57220277366>

Google Scholar: <https://scholar.google.com/citations?user=R1BsIN0AAAAJ&hl=fr>

	All	Since 2018
Citations	1719	1004
indice h	20	15
indice i10	44	29

5. Relevant publications in the past five years

- 1- **Boujraf S**, Alami B, Chikri M, El Hamdaoui H, Maaroufi M, Aalouane R, Rammouz I. Heavy and Chronic Cannabis Addiction does not Impact Motor Function: BOLD-fMRI Study. **CNS Neurol Disord Drug Targets**. 2022 May 16. doi: 10.2174/1574886317666220516103501.
- 2- Ouazzani Housni Touhami, Y., Tabril, T., Benhammou, I., **Boujraf, S.**,...Tachfouti, N., Aalouane, R. Stigmatizing attitudes and social perception towards mental illness among Moroccan medical students. **Encephale**, 2023, 49(3), pp. 275–283
- 3- El Mehdi I, **Boujraf S**, Calhelha RC, Ferreira ICFR, Anjos O, Campos MG, Vilas-Boas M. Chemical, Cytotoxic, and Anti-Inflammatory Assessment of Honey Bee Venom from *Apis mellifera intermissa*. **Antibiotics** (Basel). 2021; 10(12):1514. doi: 10.3390/antibiotics10121514.
- 4- Errafii K, **Boujraf S**, Chikri M. Transcriptomic Analysis from Normal Glucose Tolerance to T2D of Obese Individuals Using Bioinformatic Tools. **Int J Mol Sci**. 2023 Mar 28;24(7):6337. doi: 10.3390/ijms24076337.
- 5- Rammouz, I., Lahlou, L., Salehddine, Z., ...Aalouane, R., **Boujraf, S.** Religiosity, stress, and depressive symptoms among nursing and medical students during the middle stage of the COVID-19 pandemic: A cross-sectional study in Morocco. **Frontiers in Psychiatry**, 2023, 14, 1123356
- 6- Rammouz, I., Doufik, J., Aalouane, R., **Boujraf, S.** Induced Depressive Disorder Following the First Dose of COVID-19 Vaccine. **CNS and Neurological Disorders - Drug Targets**, 2023, 22(4), pp. 618–621
- 7- Rammouz, I., Merzouki, M., Bouri, S., ...Bout, A., **Boujraf, S.** Are Patients with Schizophrenia Reliably Reporting their Cannabis Use? An African Cross-sectional Study. **Central Nervous System Agents in Medicinal Chemistry**, 2022, 22(3), pp. 188–197
- 8- Nabdi, S., **Boujraf, S.**, Benzagmout, M. Evaluation of rural-urban patterns in dietary intake: A descriptive analytical study. **Annals of Medicine and Surgery**, 2022, 84, 104972
- 9- Doufik, J., Zemmama, H., Bouri, S., ..., **Boujraf, S.**, Aalouane, R., Rammouz, I. Prevalence of sexually transmitted infections in patients with schizophrenia in Morocco. **Infectious Diseases Now**, 2022, 52(5), pp. 304–305
- 10- Rammouz, I., **Boujraf, S.** Medical and Industrial Cannabis Legalization in Morocco and the Addictions Care Outlook of Youth: First Prospective Study from African Arabic Experience. **Cannabis and Cannabinoid Research**, 2022, 7(3), pp. 237–238
- 11- Rammouz, I., Bouri, S., Merzouki, M., ...Aalouane, R., **Boujraf, S.** Reliability of self-report of cannabis use among patients with schizophrenia. **Psychiatry Research**, 2022, 311, 114491
- 12- Ransing, R., de la Rosa, P.A., Pereira-Sanchez, V., ...**Boujraf, S.** Grandinetti, P., Jatchavala, C. Current state of cannabis use, policies, and research across sixteen countries: cross-country comparisons and international perspectives. **Trends in Psychiatry and Psychotherapy**, 2022, 44, e20210263
- 13- Doufik, J., **Boujraf, S.**, Ouhamou, M., ...Mouhadi, K., Rammouz, I. Brief Psychotic Disorder during COVID-19 Infection: Marked Stressor or Neuropsychiatric Symptoms? **Current Psychiatry Research and Reviews**, 2021, 17(3), pp. 201–207
- 14- Scheibein, F., Stowe, M.J., Arya, S., ... , **Boujraf, S.**, Schellekens, A., Calvey, T. Responding to COVID-19: Emerging Practices in Addiction Medicine in 17 Countries. **Frontiers in Psychiatry**, 2021, 12, 634309
- 15- Dannatt, L., Ransing, R., Calvey, T., ... , **Boujraf, S.** Morgan, N., Grandinetti, P. The Impact of Stigma on Treatment Services for People With Substance Use Disorders During the COVID-19 Pandemic—Perspectives of NECPAM Members. **Frontiers in Psychiatry**, 2021, 12, 634515
- 16- Rammouz, I., Aalouane, R., El Fakir, S., ..., **Boujraf, S.** Koenig, H.G. Cultural Adaptation and Validation of the Moroccan Arabic Version of the Muslim Belief into Action (BIAC) Scale. **Journal of Religion and Health**, 2021, 60(1), pp. 549–562
- 17- Bout, A., Aarab, C., **Boujraf, S.**, Aalouane, R. From cerebellar malformation to suicidal idea. **Clinical Schizophrenia and Related Psychoses**, 2021, 15(2)
- 18- Stowe, M.J., Calvey, T., Scheibein, F., ... , **Boujraf, S.** Grandinetti, P., Morgan, N. Access to healthcare and harm reduction services during the COVID-19 pandemic for people who use drugs. **Journal of Addiction Medicine**, 2020, 14(6), pp. E287–E289
- 19- Calvey, T., Scheibein, F., Saad, N.A., ..., **Boujraf, S.**, Morgan, N., Arya, S. The Changing Landscape of Alcohol Use and Alcohol Use Disorder during the COVID-19 Pandemic - Perspectives of Early Career Professionals in 16 Countries. **Journal of Addiction Medicine**, 2020, 14(6), pp. E284–E286
- 20- Doubi, S., Amrani, Z., El Ouahabi, H., **Boujraf, S.**, Ajdi, F. Exceptional association between Klinefelter syndrome and growth hormone deficiency. **Genome Integrity**, 2015, 6(1).