

**BEKIR CINAR**  
**(CURRICULUM VITAE)**

**Last Updated:** February 27, 2015

**PROFESSIONAL CONTACT INFORMATION**

Office Address: Cedars-Sinai Medical Center  
8750 Beverly Blvd, Atrium 103  
Los Angeles, CA 90048 USA  
Email: bekir.cinar@cshs.org  
Email: bcinar@ucla.edu

Home Address: 3427 Mentone Ave, Apt 6  
Los Angeles, CA 90034, USA  
Phone: 310-926-8552  
Email: bcinar1997@gmail.com

**EDUCATION and TRAINING**

1987-1992 D.V.M., Veterinary Medical School, Ankara University, Ankara, Turkey  
1995-2002 Ph.D., Department of Biochemistry and Molecular Genetics, School of Medicine  
University of Virginia, Charlottesville, VA  
2002-2006 Postdoctoral Research Fellow, Boston Children's Hospital, Harvard Medical  
School (HMS), Boston, MA

**PROFESSIONAL EXPERIENCE**

1995-2002 Research Assistant, Department of Biochemistry and Molecular Genetics,  
University of Virginia School of Medicine, Charlottesville, VA  
2002-2006 Postdoctoral Fellow, Department of Urology and Surgery, Boston Children's  
Hospital, HMS, Boston, MA  
2006-2009 Instructor, Department of Surgery, Harvard Medical School, Boston, MA  
2006-2009 Staff Scientist, Department of Urology and Surgery, Boston Children's Hospital,  
Boston, MA  
2008-Present Associate Professor in Biochemistry, The Higher Education Council, Ankara,  
Turkey  
2009-present Research Scientist I, Samuel Ochin Comprehensive Cancer Institute, Cedars-  
Sinai Medical Center, Los Angeles, CA  
2010-present Assistant Professor, Medicine and Biomedical Sciences, Cedars Sinai Medical  
Center, Los Angeles, CA  
2010-present Adjunct-Assistant Professor, Step IV, Medicine, David Geffen Medical School,  
University of California Los Angeles, Los Angeles, CA  
2015-present Research Scientist (affiliate), West Los Angeles VA Medical Center, Los  
Angeles, CA

**PROFESSIONAL ACTIVITIES**

**Society Membership**

2003-present Active Member, American Association for Cancer Research (AACR)  
2003-present Active Member, Society for Basic Urologic Research (SBUR)  
2012-present Active Member, American Society for Biochemistry and Molecular Biology  
(ASBMB)  
2003-2009 Student Member, The Endocrine Society

2006-present Active Member, Turkish American Scientist and Scholars Association (TASSA)  
2014-present Active member, American Society of Clinical Oncology (ASCO)

### **Editorial Services**

2009-present Reviewer, The British Journal of Pharmacology  
2010-present Reviewer, The International Journal of Biochemistry and Cell Biology  
2012-present Reviewer, PLoS One  
2012-present Reviewer, Frontiers in Oncology  
2012-present Reviewer, Molecular Cancer Therapeutics  
2012-present Reviewer, International Journal of Medical Science  
2012-present Reviewer, Current Cancer Drug Targets  
2013-present Reviewer, Drug Discovery Letter  
2013-present Reviewer, The Journal of Biological Chemistry  
2014-present Reviewer, Nature Communications  
2014-present Reviewer, Turkish Journal of Biology  
2015-present Reviewer, Epigenetics  
2015-present Reviewer, Turkish Journal of Medical Science  
2015-present Reviewer, Genome Medicine

### **Consulting Activities**

1. Review Panel Member, FY11 Prostate Cancer Research Program (PCRP), Cell Biology-Molecular Biology and Genetics (CBY-MBG), Department of Defense Congressionally Directed Medical Research Programs (CDMRP), 2011
2. Review Panel Member, FY12 Prostate Cancer Research Program (PCRP), Cell Biology-Molecular Biology and Genetics (CBY-MBG), Department of Defense Congressionally Directed Medical Research Programs (CDMRP), 2012
3. Review Panel Member, FY13 Prostate Cancer Research Program (PCRP), Cell Biology panel (CBY), Department of Defense Congressionally Directed Medical Research Programs (CDMRP), 2013
4. Review Panel Member, FY15 Prostate Cancer United Kingdom (PCUK) Research Program, Translational Science, 2015

### **HONORS AND SCIENTIFIC RECOGNITION**

1993-1997 Graduate Scholar Award, The Higher Educational Council, Ankara, Turkey  
1998-2001 Graduate Fellowship, University of Virginia School, Charlottesville, VA  
2004-2006 Postdoctoral Fellowship Recognition Award, AUA Foundation  
2006 AACR Scholar-in-Training Award, AACR Foundation  
2006 Outstanding Graduate Scholar Award, AUA Foundation  
2006 Travel Grant for ENDO 2006 Meeting, The Endocrine Society  
2006 Travel Award, Society for Basic Urologic Research (SBUR)  
2008 Employee Service Award, Boston Children's Hospital, Boston, MA

### **GRANTS AND FELLOWSHIPS**

#### **Current:**

None

#### **Pending:**

|                                |            |                       |
|--------------------------------|------------|-----------------------|
| 1 R01 CA190581-01A1<br>NIH/NCI | (Cinar, B) | 09/01/2015-08/31/2020 |
|--------------------------------|------------|-----------------------|

**Title:** The role of Hippo-YAP1 Signaling Axis in Prostate Cancer Progression

**Goal:** The goal of this study is to establish the functions and mechanisms of how Hippo loss contributes to prostate cancer progression to the metastatic castration-resistant state.

**Completed Projects:**

CTT Voucher V040 (Imaging Core) (Cinar, B) 08/01/2013-06/28/2014

Clinical and Translational Science Institute (CTSI), UCLA/CSMC

**Title:** Evaluation of Tumorigenesis by Optical Imaging in Live Animals

**Goal:** The aim of this study is to utilize whether an image-based approach will help to determine tumor progression in genetically engineered mouse model.

**Role:** Principal Investigator

CTT Voucher V026 (Genomic Core) (Cinar, B) 10/01/2011-02/28/2012

CTSI, UCLA/CSMC

**Title:** Identification of Gene Signatures: Responding to Changes in MST/Hippo Signaling

**Goal:** To identify the gene signatures that reflect Mst1/2 expression changes and that potentially link to prostate cancer progression and metastasis.

**Role:** Principal Investigator

Garber Research Scholar Award (Cinar, B) 07/01/2010-12/30/2013

Donna & Jesse Garber Foundation/CSMC

**Title:** Convergence of Mst1 and AR Signaling Regulates Cell Growth in Human Prostate Cancer

**Goal:** To study how Mst1 regulates the growth of prostate cancer cells.

**Role:** Principal Investigator

R24D00 (Cinar, B) 07/01/2010-06/30/2012

Edwin Beer Fellowship, The New York Academy of Medicine

**Title:** The Intersection of Mst1/STK4 and AR Signaling in Prostate Cancer Cells

**Goal:** To investigate functional antagonism between Mst1 and AR in prostate cancer cells.

**Role:** Principal Investigator

W81XWH-04-1-0295 (Cinar, B) 02/01/2004-01/31/2006

Postdoctoral Fellowship, DoD PCRP

**Title:** Intersection between AR and Akt1 Signaling in Prostate Cancer

**Goal:** To dissect the molecular and functional intersections between AR and Akt1 signaling in Prostate Cancer.

**Role:** Principal Investigator

**PATENT APPLICATIONS (pending)**

1. Application number: US 13/816,868  
Inventors: Bekir Cinar, Filiz Kisaayak Collak  
Title: Mst1/Stk4 phospho-Threonine 120 (pMst1-120) antibody  
Publication number: US 20130143231 A1
2. Application number: US 13/816,917  
Inventors: Bekir Cinar, Filiz Kisaayak Collak  
Title: Mst1 as a prognostic biomarker and therapeutic target in human cancer  
Publication number: US 20130143948 A1
3. Application number: US 13/415,711  
Inventors: Bekir Cinar, Filiz Kisaayak Collak  
Title: Treatment of cancer by targeting molecules that influence Mst1/Stk4 signaling

Publication number: US20120238562 A1

4. Application number: PCT/US2012/064538  
Inventors: Cy A. Stein, Harris Soifer, Bekir Cinar, Scott Chappel  
Title: Methods and compositions for inhibition of androgen receptor activity  
Publication number: WO2013071177 A1

#### **NARRATIVE RESEARCH INTEREST**

My laboratory studies signal transduction and gene expression mechanisms relevant to cancer development, progression, and metastasis and acquired resistance in disease models. My laboratory studies the molecular and functional interactions between MST/Hippo-LATS-YAP/TAZ pathway and AR, PI3K-AKT-mTOR, MYC and EZH2 signaling in cancer, particularly prostate cancer (PC) in the contribution of aggressive disease. In addition, my laboratory investigates tumor-initiating/cancer stem cells, and cancer epigenetics, and non-coding RNAs to understand the mechanisms of tumor progression and therapeutic resistance. Besides, my laboratory explores the role of the Hippo-MYC-EZH2 axis in aggressive lung cancer and lymphoma. My laboratory utilizes variety of complementary approaches quantitative proteomics, genomics (RNA-seq and ChIP-seq), bioinformatics and state-of-the-art live animal imaging methods as well as utilizes cell cultures including 3D cultures and animal models and clinical samples to address the these tasks.

#### **NARRATIVE TEACHING INTEREST**

My teaching philosophy is described in a broad sense: "The ideal teacher guides his students but does not pull them along, urges them to go forward but does not suppress them, opens the way but does not take them to the place" (a quote from Confucius). My interest in teaching goes back to my high school years, when I tutored my fellow classmates for success in the university entrance exams. Throughout my academic career, I have taught, trained, and supervised several undergraduate, graduate, and postgraduate students and fellows on a daily and weekly basis. I use a "concept-learning strategy" to teach and train my students. More importantly, I pay attention to student diversity and cultural background and accordingly adjust my teaching methods. In summary, I am committed to teach students and train fellows for the importance of scientific research, critical thinking and decision-making, and applying scientific knowledge to real-world problems.

#### **Reports of Teaching, Training and Supervision**

##### **Undergraduate Students:**

1. N. Macani, Technician, University of Virginia School of Medicine, Charlottesville, VA; Summer 1999 - Summer 2001
2. M. Tunc, Undergraduate Student, University of Virginia School of Medicine; Summer 2000
3. N. Pavlova, BS, Rotating Graduate Student, Boston Children's Hospital, Harvard Medical School, Boston, MA; Fall 2005
4. D. Lopez, BS, Technician, Boston Children's Hospital, Harvard Medical School; Fall 2007 - Summer 2009
5. M. Yilmaz, BS, Undergraduate Student, Boston Children's Hospital, Harvard Medical School; Fall 2007

6. M. Kupeli, Undergraduate Student, Boston Children's Hospital, Harvard Medical School; Spring 2008
7. S. Akgul, Undergraduate Student, Boston Children's Hospital, Harvard Medical School; Summer 2008
8. M. Cokol, Undergraduate Student, Boston Children's Hospital, Harvard Medical School; Summer 2008
9. M. Kilicarslan, Medical Student, Boston Children's Hospital, Harvard Medical School; Fall 2008, Pursuing his MD studies at The University of Netherlands, Amsterdam, the Netherlands
10. B. Erkaya, Undergraduate Student, Cedars-Sinai Medical Center, Los Angeles, CA; July 1, 2012 - September 16, 2012

**Graduate and Post Graduate Students and Fellows:**

11. F. Kisaayak-Collak, PhD, Postdoctoral Fellow, Cedar-Sinai Medical Center; March 8, 2010 - December 16, 2011
12. Y. Yildiz, MD, PhD, Visiting Fellow, Cedar-Sinai Medical Center; July 1, 2011 - September 6, 2011
13. A. Apteekin, MD, Visiting Scientist, Cedar-Sinai Medical Center; July 1, 2012 -present
14. G. Kuser-Abali, PhD, Postdoctoral Scientist, Cedar-Sinai Medical Center; November 11, 2011 - present

**Invited Lectures and Presentations:**

1. Androgen Receptor and Nuclear Factor- $\kappa$ B Regulation of Prostate Specific Antigen and Cell Growth in Prostate Cancer. Winship Cancer Institute, Emory University School of Medicine, Atlanta, GA, August 20, 2002
2. Intersection of Androgen and Growth Factor Signaling in Prostate Cancer Cells. Department of Biochemistry, School of Veterinary Medicine, Ankara University, Ankara, Turkey, July 28, 2005
3. The STE20-Like Kinase Mst1 is an Inhibitor of Akt1/Protein Kinase B $\alpha$ . AACR 97<sup>th</sup> Annual Meeting, Washington, D.C., April 4, 2006
4. Intersection of Growth Factor and Androgen Signaling in Prostate Cancer. University of Minnesota Cancer Center, Minnesota, MN, April 15, 2006
5. Cross Talk between Androgen and Akt1 Signaling in Prostate Cancer. AUA Foundation, Atlanta, GA, May 23, 2006
6. The STE20-Like Kinase Mst1 is a Negative Regulator of Akt1. Surgical Grand Rounds, Children's Hospital Boston, Boston, MA, May 31, 2006
7. Intersection of Growth Factor and Androgen Signaling in Prostate Cancer. University of Pittsburgh Cancer Center, Pittsburgh, PA, June 12, 2006

8. Mammalian Sterile 20-Like Kinase Mst1 is a Regulator of Akt1/Protein Kinase B $\alpha$ . The Endocrine Society, 88<sup>th</sup> Annual Meeting, Boston, MA, June 25, 2006
9. The Pro-apoptotic Kinase Mst1 and its Caspase Cleavage Products are Direct Inhibitors of Akt1. DoD IMPaCT (Innovative Minds in PCa Today) Meeting, Atlanta, GA, September 7, 2006
10. Lipid Rafts: Sites for Novel Protein Complexes. University of Texas Southwestern Medical Center, Dallas, TX, October 25, 2007
11. Lipid Rafts: Intersection of Survival and Apoptotic Signaling in Prostate Cancer". Roswell Park Cancer Institute, Buffalo, NY, March 19, 2008
12. Cholesterol-Rich Membrane Microdomains: Intersection of Survival and Apoptotic Signaling in Prostate Cancer. Medical College of Georgia, Augusta, GA, April 1, 2008
13. The MST 1/2 Signaling Pathway: A Novel Link between AR and AKT Signaling Regulates Prostate Cancer Progression and Metastasis. Samuel Oschin Comprehensive Cancer Institute, Cedars-Sinai Medical Center, Los Angeles, CA, May 22, 2009
14. The Convergence of MST/Hippo and AR Signaling Modulates Cell Growth and Survival in Prostate Cancer. Prostate Cancer Research program, University of Washington at Seattle, WA. February 28, 2010
15. The Role of Hippo Signaling in Prostate Cancer Development and Progression Biomedical and Translational Science Seminar Series, Cedars-Sinai Medical Center, Los Angeles, CA, March 8, 2011
16. The Intersection of AR and Mst1 Signaling in Prostate Cancer The Uro-Oncology Research Seminar Series, Cedars-Sinai Medical Center, Los Angeles, CA, July 19, 2011
17. Progress on Mammalian Hippo Signaling in Prostate Cancer BATSS Seminar, Cedars-Sinai Medical Center, Los Angeles, CA; March 21, 2012
18. An Emerging Mammalian Hippo Pathway Signaling in Cancer Sifa Medical University, Izmir, Turkey, June 9, 2012
19. Mammalian Hippo Protein Kinases: An Emerging Pathway in Tumor Suppression and Stem Cell Regulation. Bilkent University, Ankara, Turkey, June 12, 2012
20. The Mammalian Hippo Signaling in Prostate Cancer Progression Joint P01 Program Project Meeting, University of Michigan, April 13, 2012
21. Crosstalk between Hippo, AR, and PI3K/mTOR Pathway Signaling BATSS Seminar, Cedars-Sinai Medical Center, Los Angeles, CA; February 20, 2013
22. Hippo-YAP Pathway Signaling in Prostate Cancer Progression, Boston Children's Hospital, Boston, MA April 23, 2013

23. The Hippo-YAP Pathway Signaling in Prostate Cancer Progression, International Forum on Recent Advances in Uro-Oncology, Cedars-Sinai Medical Center, May 2-3, 2013
24. Hippo-YAP-AR Signaling Axis: A Potential Therapeutic Target in Prostate Cancer BATSS Seminar, Cedars-Sinai Medical Center, Los Angeles, CA; April 16, 2014
25. Hippo-YAP-AR Pathway Signaling Is a Promising Drug Target in Cancer. Marquette University, Milwaukee, WI, June 2, 2014
26. Hippo-YAP-Signaling Axis in a Key Regulator of Metastatic Castration-Resistant Prostate Cancer. Prostate Cancer Foundation Seminar Series, June 30, 2014
27. The Hippo-YAP1-AR Signaling Axis Is a Critical Regulator of Castration-Resistance and Serves as a Promising Drug Target in Prostate Cancer. Clark Atlanta University, November 12, 2014

**BIBLIOGRAPHY (Peer-Reviewed Research Papers in Chronological Order)**

1. Ye, Q., Chung, L.W.K., **Cinar, B.**, Li, S., and Zhau, H.E., Identification and characterization of estrogen receptor variants in prostate cancer cell lines, **J. Steroid Biochem. Mol. Biol.** 75:21-31 (2000)
2. Ye, Q., **Cinar, B.**, Edlund, M., Chung, L.W.K., and Zhau, H.E., Inhibition of growth and cell cycle arrest of ARCaP human prostate cancer cells by ectopic expression of ER-alpha, **Mol. Cell. Biochem.** 228:105-10 (2001)
3. **Cinar, B.**, Koenenman, K.S., Edlund, M., Prins, G.S., Zhau, H.E., and Chung, L.W.K., Androgen receptor mediates the reduced tumor growth, enhanced androgen responsiveness, and selected target gene transactivation in a human prostate cancer cell line, **Cancer Res.** 61:7310-17 (2001)
4. Davis, R., Dingwu, J.I.A., **Cinar, B.**, Sikka, S.C., Moparty, K, Zhau, H.E., Chung, L.W.K., Agrawal K.C., and Abdel-Mageed, A.B., Functional androgen receptor confers sensitization of androgen independent prostate cancer cells to anticancer therapy, **Biochem. Biophys. Res. Comm.** 309:937-45 (2003)
5. **Cinar, B.**, Yeung, F., Mayo, M.W., Freeman, M.R., Zhau, H.Y.E., and Chung, L.W.K., Identification of a negative regulatory cis-element in the enhancer core region of the prostate specific antigen (PSA) promoter: Implications for intersection of androgen receptor and nuclear factor- $\kappa$ B signaling in prostate cancer cells, **Biochem. J.** 379:421-31 (2004)
6. **Cinar, B.**, de Benedetti, A., and Freeman, M.R., Post-translational regulation of the androgen receptor by the mammalian target of rapamycin, **Cancer Res.** 65:2547-53 (2005)
7. Freeman, R.M., **Cinar, B.**, and Lu, M.L., Membrane rafts as potential sites of nongenomic hormonal signaling in prostate cancer, **Trends Endocrin. Metabol.** 16:273-79 (2005)
8. Mukhopadhyay, N.K., Ferdinand, A.S., **Cinar, B.**, Mukhopadhyay, L., Richie, J.P., and Liu, B.C., Unraveling androgen receptor interactions by an array-based method and

discovery of proto-oncogene c-Rel as a negative regulator of androgen receptor, **Exp. Cell Res.** 312:3782-95 (2006)

9. Adam, R.M., Mukhopadhyay, N.K., Kim, J., Di Vizio, D., **Cinar, B.**, Solomon, K.R., and Freeman, M.R., Cholesterol-sensitivity of endogenous and myristoylated Akt in prostate cancer cells, **Cancer Res.** 67:6238-46 (2007)
10. Freeman, M.R., **Cinar, B.**, Kim, K., Mukhopadhyay, R.N., Di Vizio, D., Adam, R.M., and Solomon, K.R., Transit of hormonal and EGF receptor-dependent signals through cholesterol-rich membranes, **Steroids**, 72:210-17 (2007)
11. Mukhopadhyay, N.K., **Cinar, B.**, Mukhopadhyay, L., Lutchman, M., Ferdinand, A.S., Kim, J., Chung, L.W.K., Adam, R.M., Ray, S.K., Leiter, A.B., Richie, J.P., Liu, B.C., and Freeman, M.R., Novel zinc finger protein RREB-1 binds to androgen receptor and downregulates its transcriptional activity in human prostate cancer cells, **Molecular Endocrinol.** 21:2056-70 (2007)
12. **Cinar, B.**, Mukhopadhyay, N.K., Meng, G., and Freeman, M.R., Phosphoinositide 3-kinase-independent nongenomic signals transit from the androgen receptor to Akt1 in membrane raft microdomains, **J. Biol. Chem.** 282:29584-593 (2007)
13. **Cinar, B.**, Fang, P.K., Lutchman, M., Di Vizio, D., Adam, R.M., Pavlova, N., Rubin, M.A., Yelick, P.C., and Freeman, M.R., The pro-apoptotic kinase Mst1 and its caspase cleavage products are direct inhibitors of Akt1, **The EMBO J.** 26:4523-34 (2007)
14. Mukhopadhyay, N.K., Kim, J., **Cinar, B.**, Ramachandran, A., Hager, M., Adam, R.M., Raychaudhuri, P., De Benedetti, A., Freeman, M.R., Heterogeneous nuclear ribonucleoprotein K is a novel regulator of androgen receptor translation, **Cancer Res.** 69:2210-18 (2009)
15. **Cinar, B.** Collak, F.K., Lopez, D., Akgul, S., Gioeli, D.G., Mukhopadhyay, N.K., Kilcarslan, M., and Freeman, M.R. MST1 is a multifunctional and caspase-independent inhibitor of androgenic Signaling, **Cancer Res.** 71:4303-4313 (2011)
16. Soifer, H., Souleimanian, N., Wang, S., Voskresenskiy, A., Collak, F.K., **Cinar, B.**, and Stein, C.A. Direct regulation of androgen receptor activity by potent CYP17 inhibitors in prostate cancer cells, **J. Biol. Chem.** 287:3777-87 (2012)
17. Collak, F.K., Yagiz, K., Luthringer, D.J., Erkaya, B., and **Cinar, B.**\*. Threonine-120 Phosphorylation Regulated by Phosphoinositide-3-Kinase/Akt and Mammalian Target of Rapamycin Pathway Signaling Limits the Antitumor Activity of Mammalian Sterile 20-Like Kinase 1. **J. Biol. Chem.** 287:23698-709 (2012)
18. Cinar, M., Hamedani, F.S., Mo, Z., **Cinar, B.**, Amin, H.M., and Alkan, S. Bruton Tyrosine Kinase Is Commonly Expressed in Mantle Cell Lymphoma and Its Attenuation by Ibrutinib Induces Apoptosis, **Leuk Res.** 37(10):1271-7, (2013)
19. Mukhopadhyay, N.K., Kim, J., You, S., Morello, M., Hager, M.H., Huang, W.C., Ramachandran, A., Yang, J., **Cinar, B.**, Adam, R.A., Oesterreich, S., Di Vizio, D., Freeman, F.R. Scaffold Attachment Factor B1 Regulates the Androgen Receptor in Concert with the Growth Inhibitory Kinase MST1 and the Methyltransferase EZH2, **Oncogene**, 33(25):3235-45, 2014.



20. Kuser-Abali, G., Apltekin, A., and **Cinar, B.** Overexpression of MYC and EZH2 Cooperates to Epigenetically Silence MST1 Expression. **Epigenetics**, 9(4):634-43, (2014)

#### BOOK CHAPTERS

1. **Cinar, B.** The Molecular Mechanisms of Benign Prostatic Hyperplasia. **Molecular Urology**, Book Chapter (48<sup>th</sup>), 1<sup>st</sup> Edition, Pelin Ofset, Ankara, Turkey, (2012)

#### REVIEWS

1. **Cinar, B.** and Sikes, R.A., Control of steroid hormone receptor action, **Cancer Res. Alert.** 1:100-3 (1999)
2. **Cinar, B.** The crosstalk between Hippo and steroid hormone receptors pathway signaling (*in preparation*) (2015)
3. **Cinar, B.** The crosstalk between Hippo and MYC signaling pathways in development and cancer (*in preparation*) (2015)

#### MANUSCRIPTS (in submission and preparation)

1. Kuser-Abali, G., Alptekin, A., Lewis, M., Garraway, I., and **Cinar, B.** YAP-AR interactions contribute to the switch from androgen-dependent to castration-resistant growth in prostate cancer (2<sup>nd</sup> Revision) (2015)
2. Cinar, M., Rosenfelt, F., Rokshar, S., Pillai, R., Lopategui, J., Cervania, M, **Cinar, B.** and Alkan, A. Co-targeting of Myc and Bcl-2 Signaling is Potentially Effective Novel Treatment Modality for Double Hit and Triple Hit B-Cell Lymphomas (*submitted*), (2015)
3. **Cinar, B.**, Alptekin, A., and Natale, R.B. Epidermal growth factor receptor (EGFR) signaling antagonizes mammalian Hippo functions in non-small cell lung cancer (*in preparation*), (2015)
4. Damien, R., Yildiz, Y., Kuser Abali, G., Funari, V., Bozdag, S., and **Cinar, B.** Hippo signaling networks in prostate cancer (*in preparation*), (2015)
5. Sambit, M., **Cinar, B.**, Mahul, A. B., Luthringer, D., and Alkan, S. STAT5a Are Potential Therapeutic Targets in Castration-Resistant Prostate Cancer (*in preparation*), (2015)
6. Schmidt, M.T., Cinar, M., **Cinar, B.**, Pillai, R., Soheili, E., Abali, G.K., Kitahara, S., Alkan, S. Myc is frequently overexpressed in teed-sternberg cells in hodgkin lymphoma and its downregulation liduces apoptosis (*in preparation*), (2015)

#### ABSTRACTS (presented in local, national and international meetings)

1. Ye, Q., Chung, L.W.K., **Cinar, B.**, Li, S., and Zhau, H.E., Structure and function of ER- $\alpha$  and its variants in prostate cancer cells, Abstract #50, 20th Annual Seminar of Cancer Researchers in Virginia, Eastern Medical School, Norfolk, VA, March 11, 2000
2. **Cinar, B.**, Koeneman, K., Edlund, M., Zhau, H.E., and Chung, L.W.K., Reversal of androgen repression to androgen stimulated growth in malignant ARCaP human prostate cancer cell line, Keystone Symposia on Nuclear Receptors, Abstract #213, Steamboat Springs, CO, March 25-31, 2000

3. Ye, Q., **Cinar, B.**, Chung, L.W.K., and Zhau, H.E., Identification of androgen receptor interactive proteins and characterization of estrogen receptor- $\alpha$  (ER- $\alpha$ ) isotopes in human prostate cancer cell lines, Keystone Symposia on Nuclear Receptors, Abstract #393, Steamboat Springs, CO, March 25-31, 2000
4. **Cinar, B.**, Yeung, F., Tunc, M., Mayo, M.W., Zhau, H.E., Chung, L.W.K., A common androgen receptor (AR) and nuclear factor-kappa B (NF- $\kappa$ B) cis-DNA element regulates PSA expression in prostate cancer cells, Proceedings of the AACR, Vol. 43, Abstract #596, San Francisco, CA, April 6-10, 2002
5. Konaka, H., **Cinar, B.**, Kubo, H., Namiki, M., Chung, L.W.K., and Zhau, H.E., Constitutive NF- $\kappa$ B activation downregulates a novel glucocorticoid receptor mediated PSA promoter activity in androgen-independent prostate cancer cells through a *cis*-element, Proceedings of the AACR, Vol. 44, Abstract #1337, Toronto, Ontario, Canada, April 5-9, 2003
6. Davis, R., Dingwu, J.I.A., **Cinar, B.**, Sikka, S.C., Moparty, K., Zhau, H.E., Chung, L.W.K., Agrawal K.C., and Abdel-Mageed, A.B., Re-expression of functional androgen receptor in PC-3 cells confers sensitization to radiation and anticancer drugs, Proceedings of the AACR, Vol. 44, Abstract #1803, Toronto, Ontario, Canada, April 5-9, 2003
7. **Cinar, B.**, Danciu, T., Adam, R.M., and Freeman, M.R., Lipid raft microdomains are potential sites of intersection of androgen receptor and Akt signaling in prostate cancer cells, Proceedings of the AACR, Vol. 45, Abstract #3536, Orlando, FL, March 27-3, 2004
8. **Cinar, B.**, de Benedetti, A., and Freeman, M.R., Translational regulation of androgen receptor by mTOR signaling, Proceedings of the AACR, Vol. 46, Abstract #1931, Anaheim, CA, April 16-20, 2005
9. Mukhopadhyay, N.K., **Cinar, B.**, Ray, S.K., Mukhopadhyay, L., Freeman, M.R., Chung, L.W.K., Leiter, A.B., Richie, J.P., and Liu, B.C., Novel zinc finger protein RREB-1 binds to androgen receptor and downregulates its transcriptional activity in human prostate cancer cells, Proceedings of the AACR, Vol. 46, Abstract #4841, Anaheim, CA, April 16-20, 2005
10. **Cinar, B.**, Meng, G., and Freeman, M.R., Phosphoinositide 3-kinase-independent nongenomic signals transit from the androgen receptor to Akt1 in membrane raft microdomains, Proceedings of SBUR, Abstract #40, Phoenix, AZ, November 16-19, 2006
11. Mukhopadhyay, N.K., Kim, J., **Cinar, B.**, Ramachandran, A., Hager, M., Adam, R.M., Raychaudhuri, P., De Benedetti, A., Freeman, M.R., Heterogeneous nuclear ribonucleoprotein K is a novel regulator of androgen receptor translation in prostate cancer, Proceedings of AUA Foundation Annual Meeting, Abstract #534, Orlando, FL, May 17-22, 2008
12. **Cinar, B.**, Akgul, S., Mukhopadhyay, N.K., Gioeli, D.G., Freeman, M.R., The Mst1 kinase, an Akt1 inhibitor, is a novel regulator of the androgen receptor, Proceedings of SBUR Annual Meeting, Abstract #75, Phoenix, AZ, November 20-23, 2008

13. Collak, F.K., Chung, L.W.K., **Cinar, B.** MST1 kinase suppresses prostate cell growth by antagonizing androgen receptor and Akt Signaling. Proceedings of SBUR Annual Meeting, #49, Atlanta, Georgia, November 11-14, 2010
14. Collak, F.K., Kim, H.L., Chung, L.W.K., **Cinar, B.** mTOR complexes differentially modulate proapoptotic MST1 and MST2 kinase signaling in prostate cancer. Targeting PI3K/mTOR signaling in cancer, Conference Proceedings, #A01, San Francisco, CA, February 24-27, 2011
15. Collak, F.K., Luthringer, D., Kim, H.L., Chung, L.W.K., **Cinar, B.** Regulation of MST1 and MST2 by mTOR and androgen receptor signaling in prostate cancer, AACR 102<sup>nd</sup> Annual Meeting, #2928, Orlando, FL, April 2-6, 2011
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