

# Physiology & Biophysics Department Seminars Spring 2017

**Rayford Auditorium – Thursday from 3:00 - 4:00 p.m.**

Date	Speaker	Title
January 19	<b>Marvin Ouyang, Ph.D.</b> Vice President of Technology Cyagen Biosciences, Inc. California  Host: Haibo Zhao	<i><b>“CRISPR/Cas9 and TurboKnockout: Technologies for Rapid Generation of Knockout/Knockin Mouse”</b></i>
January 26	<b>Brian Storrie, Ph.D.</b> Professor Department of Physiology and Biophysics COM – UAMS  Host: Vladimir Lupashin	<i><b>“Role of Rab Proteins in Determining Golgi Structure/Function: A Progress Report”</b></i>
February 16	<b>Joseph Lorenzo, M.D.</b> Professor of Medicine, Division of Endocrinology and Metabolism, Director of Bone Biology Research, UConn Health UConn Musculoskeletal Institute Farmington, CT  Hosts: Herschel Conaway and Matt Quick Co-sponsor: Department of Pathology	<i><b>John Whitney Memorial Lecture</b></i>  <i><b>“Characterization of Osteoclast Precursor Cells in Health and Disease “</b></i>  <i><b>Medical Lecture – Feb. 17</b></i> <i><b>9:00 am – IDW 226</b></i> <i><b>“Osteoporosis: Pathogenesis and Treatment “</b></i>
March 2	<b>Jessica Clague DeHart, Ph.D., MPH</b> Assistant Professor Division of Biomarkers of Early Detection and Prevention Department of Population Sciences Beckman Research Institute of the City of Hope Duarte, CA  Host: Aime Franco	<i><b>“Modifying Biomarkers of Women’s Cancers: Exercise and Nutrition Clinical Trials”</b></i>
March 9	<b>Kyu Sang Joeng, Ph.D.</b> Assistant Professor Molecular and Human Genetics Baylor College of Medicine Houston, TX  Host: Michael Jennings	<i><b>Faculty Recruit</b></i>  <i><b>“WNT1-related Osteogenesis Imperfecta: Pathogenic Mechanism and Potential Therapeutics”</b></i>

<p>March 16</p>	<p><b>Melda Onal, Ph.D.</b>  Research Associate, Pike Laboratory  Biochemistry Department  University of Wisconsin-Madison    Host: Michael Jennings</p>	<p><b><i>Faculty Recruit</i></b>    <b><i>“Transcription to Biology: Identification of Novel Genes that Play a Role in Bone Physiology”</i></b></p>
<p><b>*** SPRING BREAK March 20 – 24 ***</b></p>		
<p>March 27</p> <p>Note: This seminar will be held on Monday</p>	<p><b>Debabrata (Deb) Patra, Ph.D.</b>  Assistant Professor  Washington University School of Medicine  Department of Orthopaedic Surgery  St. Louis, MO    Host: Michael Jennings</p>	<p><b><i>Faculty Recruit</i></b>    <b><i>“Chondrocytes, Osteoblasts and the Site-1 Protease: Dynamic Interactions that Make Cartilage and Bone”</i></b></p>
<p>March 30</p>	<p><b>Keertik Fulzele, Ph.D.</b>  Research Assistant Professor  Dept. of Molecular and Cell Biology  Boston University  Goldman School of Dental Medicine Center  Boston, MA    Host: Michael Jennings</p>	<p><b><i>Faculty Recruit</i></b>    <b><i>“Regulation of Hematopoiesis by Osteolineage-cells-induced Altered Bone Marrow Microenvironment”</i></b></p>
<p>April 6</p> <p>Note: Seminar will begin one hour earlier at 2:00pm</p>	<p><b>Jean Celli, Ph.D.</b>  Associate Professor  Paul G. Allen School for Global Animal Health  College of Veterinary Medicine  Washington State University    Host: Vladimir Lupashin and Richard Morrison, Microbiology</p>	<p><b><i>Seminar Cancelled due to Severe Weather – Atlanta, GA</i></b>    <b><i>“Brucella Exploitation of the Host Secretory Pathway: Effectors and Consequences”</i></b></p>
<p>April 13</p>	<p><b>Myriam Labelle, Ph.D.</b>  Assistant Member  Department of Developmental Neurobiology  St Jude Children’s Research Hospital  Memphis, TN    Host: Jerry Ware</p>	<p><b><i>“Signaling Roles of Platelets During Cancer Metastasis”</i></b></p>
<p>April 20</p>	<p><b>Santiago M. Di Pietro, Ph.D.</b>  Associate Professor  Department of Biochemistry &amp; Molecular Biology  Colorado State University  Fort Collins, CO    Host: Brian Storrie</p>	<p><b><i>“Mechanisms of Intracellular Protein Transport and Organelle Biogenesis”</i></b></p>

<p>April 27</p>	<p><b>Elena S. Suvorova, Ph.D.</b>  Assistant Professor  Florida Center for Drug Discovery and Innovation  University of South Florida  Tampa, FL</p> <p>Host: Vladimir Lupashin</p>	<p><b><i>"A Checkpoint Roadmap for the Complex Cell Division of Apicomplexa Parasites"</i></b></p>
<p>May 4</p>	<p><b>Qing Zhong, M.D., Ph.D.</b>  Associate Professor  Department of Internal Medicine, Biochemistry  UT Southwestern  Dallas, TX</p> <p>Host: Haibo Zhao</p>	<p><b><i>"Biochemical Mechanism and Function of Mammalian Autophagy"</i></b></p>
<p>May 11</p>	<p><b>John V. Cox, Ph.D., M.S., B.S.</b>  Associate Professor  Dept. of Microbiology, Immunology &amp; Biochemistry  University of Tennessee Health Science Center  Memphis, TN</p> <p>Host: Brian Storrie</p>	<p><b><i>"The Ins and Outs of Sorting in the Golgi"</i></b></p>