

CELL BIOLOGY SEMINAR SERIES

All Seminars will be held at 3:00 p.m. in BBRB 170 unless stated otherwise

SUMMER SEMESTER

- June** 22 Dissertation Defense, Graduate Student, **Chris Yuskaitis (Mentor: Richard Jope)** **Thesis Title:** "Neuroinflammation and Fragile X Syndrome: Regulation by Glycogen Synthase Kinase-3" This seminar is from 2:00-3:00 in BBRB 170.
- July** 6 Dissertation Defense, Graduate Student, **Mariya Sweetwyne (Mentor: Joanne Murphy-Ullrich)** **Thesis Title:** "Regulation of Fibrillar Collagen by the Calreticulin-Binding Domain of Thrombospondin 1" This seminar is from 10:00-11:00 in BBRB 170.

FALL SEMESTER

2009

- August** 12 Dissertation Defense, Graduate Student, **Stephen Jordan (Mentor: Julian Rayner)** **Thesis Title:** "Analysis of the Malaria Vaccine Potential of *Plasmodium Falciparum* Merozoite Surface Protein-3"
- 19 Dr. Dieter Willbold, Heinrich-Heine-Universität, Institut fuer Physikalische Biologie, THT 740. **Seminar title:** "Structure, function and manipulation of neuronal proteins. Approaches to early diagnosis and therapy of Alzheimer's disease" (**Host:** Dr. Thomas van Groen)
- 26 Dissertation Defense, Graduate Student, **Ritu Saxena, (Mentor: Jay McDonald)** **Thesis Title:** "Mechanisms and countermeasures of microgravity induced bone loss: In vitro and In vivo systems" BBRB 170 3:00
- September**
- 2 **Dr. Gabor Tigyi, M.D., Ph.D.**, Harriet Van Vleet Professor and Chair, Department of Physiology, University of Tennessee Health Science Center, **Seminar title:** "Lysophospholipid Signaling Via the Nuclear Hormone Receptor PPAR- gamma" (**Host:** Dr. Fannie Lin)
- 9 **Scott M. Wilson, Ph.D.**, Assistant Professor, Department of Neurobiology, UAB, SHEL 914, Ext. 5-5573, e-mail: livvy01@uab.edu **Seminar title:** "Ubiquitin stability is controlled by the proteasomal deubiquitinating enzyme USP14"
- 16 **NO SEMINAR DEPARTMENTAL RETREAT**
- 23
- 30

Cell Biology Seminar Series 2009-10

October

6 Dissertation Defense, Graduate Student, **Chang Hyun Byon, (Mentor: Jay McDonald)** **Thesis Title:** "Oxidative Stress-Stimulated Vascular Calcification" BBRB 170 2:00

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14 Dissertation Defense, Graduate Student, **Brandi Baker, (Mentor: Tika Benveniste)** **Thesis Title:** "Oncostatin M-induced Gene Expression and Regulation in Astrocytes and Microglia"

21 **Thomas Schilling, M.D., Ph.D.** Professor, University of California, Irvine
Seminar Title: "Cell Adhesion and Migration in the Early Zebrafish Embryo" (**Host:** Dr. Guillermo Marques)

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November

3 Dissertation Defense, Graduate Student, **Tomasz Szul, (Mentor: Elizabeth Sztul)** **Thesis Title:** "The Function of GFF1 in Golgi Biogenesis and Protein Trafficking" Finley Conference Center 2:00

4 **Inga Kadisha, Ph.D.**, Instructor, Department of Cell Biology, UAB, THT 912, Ext. 4-5940, e-mail: ikadisha@uab.edu **Seminar title:** "Brain Cholesterol Metabolism and Cognitive Aging"

5 Dissertation Defense, Graduate Student, **Junbin Hu, (Mentor: Ben Sha)** **Thesis Title:** "Structural and Functional Studies on Heat Shock Protein Hsp40-Hdj1 and Golgi ER Trafficking Protein Get3" 2:30-3:30, BBRB 170

11 **Gjumrakch Aliev, M.D., Ph.D. (Host:** Dr. Thomas van Groen)
Editor-in-Chief, The Cell Development & Biology Journal Professor of Biochemistry and Nutrition, Associate Professor of Cardiovascular and Neuropathology, **Seminar title:** "Can the Mitochondrial Antioxidants and Cardiovascular Drug be Novel Biological Targets in Prevention and Treatment of Alzheimer Patients?"

18 **Mary-Ann Bjornsti, Ph.D.**, Professor & Chair, Department of Pharmacology and Toxicology, FOT ????, Ext. 4-1111 **Seminar title:** "DNA topoisomerase: Life on the cutting edge"

25 **THANKSGIVING HOLIDAY**

December

2 **Raymond Habas, Ph.D.**, Associate Professor, Department of Biochemistry, University of Medicine and Dentistry of New Jersey, Robert Wood Johnson School of Medicine, Research Tower Room 629, 675 Hoes Lane, Piscataway, NJ 08854, Tele: (732) 235-4543, Fax: (732) 235-4783, e-mail: habasra@umdnj.edu **Seminar title:** "Dissecting the Molecular Mechanisms of Wnt Signaling during Vertebrate Development" (**Host:** Dr. Chenbei Chang)

9 **Kelly Monk, Ph.D.**, Department of Developmental Biology, Stanford University School of Medicine. Contact Anne Wailes (AWailes@nrc.uab.edu), Harald Sontheimer. **Seminar title:** "Zebrafish genetics uncover new regulators of myelination"

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2010

SPRING SEMESTER

January

- 16 Dissertation Defense, Graduate Student, **George Atkinson, (Mentor: Tika Benveniste)** Thesis Title: "The Peptidyl Prolyl Isomerase Pin1 Promotes NF-kappaB and STAT3 Signaling in Glioblastoma"
- 23 CHRISTMAS HOLIDAY
- 30 NEW YEARS HOLIDAY

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- 13 **Zsuzsa Bebok, Ph.D.**, Assistant Professor, Department of Cell Biology, UAB, MCLM 350A, Ext. 5-5449, e-mail: bebok@uab.edu Seminar title: "CFTR Expression Regulation by the Unfolded Protein Response From Cystic Fibrosis to CFTR Deficiency Without Mutations in the CFTR Gene"

- 20 **Barth Grant**, Associate Professor, Department of Molecular Biology and Biochemistry, Rutgers University. Seminar title: "Worming Our Way Through the Endosomal System: Elucidating Membrane Transport Mechanisms using *C. elegans*" (Host: Dr. Elizabeth Sztul)

- 27 Dissertation Defense, Graduate Student, **Lisa Nowoslawski Aktar, (Mentor: Tika Benveniste)** Thesis title: "The Role of SOCS Proteins in HIV Immune Evasion"

February

- 3 **Hengbin Wang, Ph.D.**, Assistant Professor, Department of Biochemistry, UAB, KAUL 402A, Ext. 4-5286, e-mail: hbwang@uab.edu Seminar title: "Epigenetic mechanism in cell fate determination"

10

- 17 **Jeff Axelrod, M.D., Ph.D.**, Associate Professor, Department of Pathology, Stanford University jaxelrod@stanford.edu, Seminar title: "Planar Cell Polarity from Flies to Vertebrates", (Host: Dr. Jianbo Wang)

- 24 **Stuart J. Frank, M.D.**, Professor & Director, Department of Medicine-Endocrinology, Diabetes & Metabolism, BDB 861, Ext. 4-9877, e-mail: sjfrank@uab.edu Seminar title: "Regulation of Growth Hormone Sensitivity: Mechanisms and Potential Therapies"

March

- 3 Dissertation Defense, Graduate Student, **Ying Zheng, Mentor (Tika Benveniste)** Thesis title: "A CK2-dependent Mechanism for Activation of the JAK- STAT Signaling Pathway: Implications for Cancer Biology"

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April

10 **Patrick Hu, M.D., Ph.D.**, Assistant Professor, Department of Internal Medicine and Cell and Developmental Biology, University of Michigan, **Seminar title:** "Novel regulators of FoxO transcription factors", (**Host:** Dr. Michael Miller)

17 **SPRING BREAK**

24 **Dissertation Defense, Graduate Student**, Nam Chul Kim Mentor (Guillermo Marques) Thesis title: "TBA" **11:00**, BBRB 170

24 **Xiaoxia Li, Ph.D.**, Staff, Department of Immunology, Lerner Research Institute, Cleveland Clinic, Seminar title: "TH17 Cells in Autoimmunity" (**Host:** Dr. Hongwei Qin)

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7 **Michael Underhill, Ph.D.**, Associate Professor, Department of Cellular and Physiological Sciences, University of British Columbia, Seminar title: "TBA", (**Host:** Dr. Rosa Serra)

14 **Igor Chesnokov, Ph.D.**, Assistant Professor, Department of Biochemistry, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

21 **Lynn Dobrunz, Ph.D.**, Associate Professor, Department of Neurobiology, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

28 **Kirill Popov, Ph.D.**, Associate Professor, Department of Biochemistry, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

May

5 **Susan Bellis, Ph.D.**, Associate Professor, Department of Physiology and Biophysics, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

12 **Kenneth Moberg, Ph.D.** Department of Cell Biology, Emory University, Emory University, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

19 **Terje Dokland, Ph.D.**, Department of Microbiology, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)

26 **Harald Sontheimer, Ph.D.**, Professor, Department of Neurobiology, Seminar title: "TBA", (**Host:** Drs. Sztul and Dr. Chang)