CELL BIOLOGY SEMINAR SERIES 2003-2004

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

2003

September 3 DISSEPTION DEFENSE - Duane Wesemann, Graduate Student (Mentor: Dr. Tika Benveniste); MCLM 313, Ext. 4-7668; Thesis Title: “IFN-γ and TNF-α Signaling Cross-talk in Macrophage Cells”

10 Moses Chao, Ph.D., Professor, Cell Biology and Physiology & Neuroscience, New York University School of Medicine, 550 First Avenue, New York, NY 10016, Tele: (212) 263-7300; e-mail: chao@saturn.med.nyu.edu Seminar Title: “Mechanisms of Neurotrophin Receptor Signaling” (Host: Dr. Tika Benveniste)

17 Jennifer A. Pietenpol, Ph.D., Associate Professor of Biochemistry, Vanderbilt University School of Medicine, 652 MRB II, Vanderbilt-Ingram Cancer Center, 652 Preston Building (MRB II), Nashville, TN 37232, Tele: (615) 936-1512; Fax: (615) 936-2294; e-mail: pietenpol@toxicology.mc.vanderbilt.edu Seminar Title: “p63 Signaling in Epithelial Cell Growth and Cancer.” (Host: Dr. Xinbin Chen)

24 Robert P. Kimberly, M.D., Professor of Medicine/Immunology & Rheumatology, The University of Alabama at Birmingham, THT 429, Ext. 4-5306, e-mail: rpk@uab.edu Seminar Title: “Diversity in Host Defense: Functional Genomics of Fc Receptors”

24 DISSEPTION DEFENSE – Jingzhi (Jay) Li, Graduate Student (Mentor: Dr. Bingdong (Ben) Sha); MCLM 364, Ext. 4-6447; Thesis Title: “Structural and Functional Studies on Heat Shock Proteins (HSPs) HSP40-YDJ1 and HSP100-CLPB”

October 1 Alvaro G. Estevez, Ph.D., Assistant Professor, Department of Physiology & Biophysics, The University of Alabama at Birmingham, MCLM 850, Ext. 4-4271, e-mail: aestevez@uab.edu Seminar Title: "Mechanisms of Motor Neuron Apoptosis"

8 Benoit de Crombrugghe, M.D., Professor and Chairman, Department of Molecular Genetics, Box-11, University of Texas M.D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, TX 77030, Tele: (713) 792-2590; Fax: (713) 794-4295; e-mail: benoit.decrombrugghe@molgen.mdacc.tmc.edu. Seminar Title: “Genetic Control of Endochondral Bone Formation”. (Host: Dr. Richard Mayne) This seminar will be co-sponsored with Center for Metabolic Bone Disease (CMBD) and Cell Adhesion and Matrix Research Center (CAMRC)

15 Deneen Wellik, Ph.D., University of Michigan, Division of Molecular Medicine & Genetics, 4301 MSRB III, Box 0638, 1150 W. Medical Center Drive, Ann Arbor, MI 48109-0638 Seminar Title: “The Importance of Redundancy in Understanding Hox Function” (Host: Dr. Bradley K. Yoder)

Monday 20 SPECIAL SEMINAR - Margarida D. Amaral, Ph.D., Instituto Nacional de Saude, Centro de Genetica Humana, Avenida Padre Cruz, P-1649-016 Lisboa, PORTUGAL, Tele: +351-21 751 6440/14; Fax: +351-21 752 64 10/00; e-mail mdamaral@igc.gulbenkian.pt Seminar Title: “ER Quality Control for CFTR: A Role for Glycosidases and Calnexin?” (Host: Dr. James Collawn) This seminar will be co-sponsored with the Cystic Fibrosis Research Center and held at 11:30 a.m., BBRB 170.

29 SPECIAL SEMINAR – Peter Devreotes, Ph.D., Director, Department of Cell Biology, Johns Hopkins University School of Medicine, 725 N. Wolfe Street/114 WBSB, Baltimore, MD 21205, Tele: (410) 955-3225; Fax: (410) 614-9461; e-mail pnd@jhmi.edu Seminar Title: “How Cells Sense Chemoattractant Gradients” Secretary info.: Pamela

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October (continued)  J. Antol, (410) 502-6810; e-mail  pjantol@bs.jhmi.edu  - CMB DISTINGUISHED FACULTY SEMINAR SERIES.  Seminar will be held at 12:00 noon, BBRB 170.  (Student host):  Erin Rodgers

November  5  Curtis Altmann, Ph.D., Assistant Professor of Biomedical Sciences, Institute of Molecular Biophysics, Florida State University, Tallahassee, FL 32306, e-mail: craftmann@med.fsu.edu  Seminar Title: “EST Analysis in Xenopus laevis, Microarrays, and Eye Development”  (Host:  Dr. Chenbei Chang)

Tuesday  11  SPECIAL SEMINAR – Daniel B. Rifkin, Ph.D., Professor of Cell Biology and Charles Aden Poindexter Professor of Medicine, New York University School of Medicine, 550 First Avenue, New York, NY 10016, Tele: (212) 263-7300; e-mail: rifkid01@med.nyu.edu  Seminar Title: “Regulation of TGF-β Action by the Matrix Protein, the Latent TGF-β Binding Protein.”  This seminar will be co-sponsored with CAMRC and held at 3:00 p.m. in the Kaul Finley Conference Center.

November  19  David J. Robbins, Ph.D., Assistant Professor, Dartmouth Medical School, Department of Pharmacology, 7650 Remsen Hall, Rm 522, Hanover, NH 03755-3835, Tele: (603) 650-1716, Fax: (603) 650-1129, e-mail: david.j.robbins@Dartmouth.edu  Seminar Title: “Dissecting the Signaling Pathway of the Morphogen Hedgehog”  (Host:  Dr. Rosa Serra)

December  3  Wafik S. El-Deiry, M.D., Ph.D., Associate Professor of Medicine, Director, Laboratory of Molecular Oncology and Cell Cycle Regulation, University of Pennsylvania School of Medicine, Howard Hughes Medical Institute, CRB 437A, 415 Curie Blvd, Philadelphia, PA 19104, Tele: (215) 898-9072; e-mail wafik@mail.med.upenn.edu  Seminar Title: “Understanding and reversing drug resistance in cancer”  (Host:  Dr. Xinbin Chen)

Thursday  4  DISSERTATION DEFENSE – Ligong Chen, Graduate Student  (Mentor:  Dr. Anne Woods); THT 972, Ext. 4-9460; Thesis Title: “The Role of Syndecan-2 in Matrix Deposition”  This seminar will be at 1:30 p.m., BBRB 170.

10  Creg B. Darby, Ph.D., Assistant Professor of Microbiology, The University of Alabama at Birmingham, BBRB 276, Ext. 4-3836; e-mail creg@uab.edu  Seminar Title “Bubonic plague transmission by fleas: What can C. elegans tell us”?

13-17  ASCB Annual Meeting; San Francisco, CA

24  Christmas Holiday

31  Christmas Holiday

2004

January  6  DISSERTATION DEFENSE – Xinnong Jiang, Graduate Student (Mentor:  Dr. John R. Couchman); THT 972, Ext. 4-9460; Thesis Title: “The Roles of Perlecan in Tumor Growth and Angiogenesis.”  This seminar will be at 10:00 a.m., BBRB 170

7  Zsuzsanna Bebok, M.D., Research Assistant Professor, Department of Cell Biology, The University of Alabama at Birmingham, MCLM 768, Ext. 4-4715, e-mail: bebok@uab.edu  Seminar Title: “Membrane Protein Biogenesis in Mammalian Cells: Lessons learned from CFTR”

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January (continued)
14 Lawrence S. (Lance) Prince, M.D., Ph.D., Assistant Professor, Department of Pediatrics, Division of Neonatology, The University of Alabama at Birmingham, New Hillman Building, Ext. 5-9609 or 6-2330, e-mail: lprince@peds.uab.edu Seminar Title: “Toll Signaling in Fetal Lung Development”

21 Lin Mei, Ph.D., Associate Professor, Department of Neurobiology, The University of Alabama at Birmingham, CIRC 516, Ext. 5-5196, e-mail: lmei@nrc.uab.edu Seminar Title: “Molecular mechanisms of synapse formation”

28 Billy G. Hudson, Ph.D., Elliot V. Newman Professor, Medicine and Biochemistry, Director, Center for Matrix Biology, Vanderbilt University of Medical Center, B-3102 Medical Center North, 1161 Twenty-first Avenue South, Nashville, TN 37232-2372, Tele: (615) 322-7298; Fax: (615) 322-7381; e-mail: billy.Hudson@Vanderbilt.Edu Seminar Title: “Type IV collagen of basement membranes: An ancient protein essential for development and defective in renal disease.” This seminar will be co-sponsored with CAMRC (Host: Dr. Richard Mayne)

February 4 Eric Hunter, Ph.D., Professor, Department of Microbiology, The University of Alabama at Birmingham, BBRB 256, Ext. 4-4321, e-mail: ehunter@uab.edu Seminar Title: “Monkeying about with intracellular targeting: How a primate retrovirus uses the cell to its own ends”.

11 David A. Calderwood, Ph.D., Assistant Professor of Pharmacology, Yale University School of Medicine, 333 Cedar Street, P.O. Box 208066, New Haven, CT, Tele: (203) 737-2311; Fax: (203) 785-7670; e-mail: david.calderwood@yale.edu Seminar Title: “Integrin cytoskeletal connections – regulation of integrin activation and cell migration” (Host: Dr. Anne Woods) This seminar will be co-sponsored with the Cell Adhesion and Matrix Research Center (CAMRC)

18 Daniel C. Bullard, Ph.D., Associate Professor, Department of Genomics and Pathobiology, KAUL 640A, Ext. 4-7768, e-mail: pike@uab.edu Seminar Title: “Contrasting Roles for the Selectins and the Integrins in the Development of Experimental Lupus”.

25 Timothy S. Blackwell, Ph.D., Associate Professor of Medicine, Department of Medicine and Cell and Development Biology, Vanderbilt University Medical Center, T-1217 MCN, Nashville, TN 37272-2650, Tele: (615) 343-8036; e-mail: timothy.blackwell@vanderbilt.edu Seminar Title: “Regulation of Lung Inflammation and Injury by NF-κB” (Host: Dr. Lance Prince)

March 3 Louis Burt Nabors, M.D., Ph.D., Assistant Professor, Department of Neurology, The University of Alabama at Birmingham, RWUH B030, Ext. 4-3963, e-mail: bnbabors@uab.edu Seminar Title: "Post-transcriptional Regulation of Angiogenic Factors in Malignant Glomia."

10 Susanna Fletcher Greer, Ph.D., Postdoctoral Fellow, Department of Microbiology/Immunology, Lineberger Comprehensive Cancer Center, University of North Carolina at Chapel Hill, NC 27599, Tele: (919) 966-2662; Fax: (919) 966-8112; e-mail: susanna_greer@med.unc.edu Seminar Title: "Transcriptional Regulation by Ubiquitin; A Novel Mechanism of MHC Class II Control.”

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March (continued)

17 POSTPONED - Michael Brenner, Ph.D., Associate Professor, Department of Neurobiology, The University of Alabama at Birmingham, CIRC 516, Ext. 4-1011, e-mail: michaelb@uab.edu Seminar Title: “GFAP mutations cause Alexander disease, a leukodystrophy of astrocyte malfunction.”

24 AEA WEEK “NO SEMINAR”

31 Ching-Hwa Sung, Ph.D., Associate Professor, Department of Ophthalmology, Cornell University, 1300 York Avenue, Room A-131, New York, NY 10021, e-mail: chsung@med.cornell.edu Seminar Title “TBA” (Host: Dr. Fannie Lin)

April

2 DISSERTATION DEFENSE – Patrick Taulman, Graduate Student (Mentor: Dr. Bradley Yoder); MCLM 639, Ext. 4-0995; Thesis Title: “TBA”

7 Julian Rayner, Ph.D., Assistant Professor, Department of Geographic Medicine, The University of Alabama at Birmingham, BBRB 567, Ext. 4-5804, e-mail: jrayner@uab.edu Seminar Title: “TBA”

14 DEVELOPMENTAL BIOLOGY DAY - Co-sponsored with i) Department of Genetics, ii) Division of Neonatology, Department of Pediatrics, iii) Division of Genetic and Translational Medicine, Departments of Medicine, Pediatrics and Genetics, iv) Vision Sciences Research Center and v) Cell Adhesion and Matrix Research Center (CAMRC)

Speakers:

1) Michael O’Connor, Ph.D., Professor, Department of Genetics, Cell Biology, and Development and Howard Hughes Medical Institute Associate Investigator, University of Minnesota, 6-160 Jackson, 321 Church St. SE, Minneapolis, MN 55455, Tele: (612) 626-0642; Fax: (612) 625-5402; e-mail: moconnor@gene.med.umn.edu Seminar Title: “TBA.” (Host: Dr. Guillermo Marqués)

2) Lila Solnica-Krezel, Ph.D., Associate Professor, Department of Biological Sciences, Vanderbilt University, 1210 MRBIII, VU Station B, Box 35-1634, Nashville, TN 37235-1634, Tele: (615) 343-9413; Fax: (615) 343-6707; e-mail: lilianna.solnica-krezel@vanderbilt.edu Seminar Title: “TBA.” (Host: Chenbei Chang)

3) Se-Jin Lee, M.D., Ph.D., Professor, Department of Molecular Biology & Genetics, Johns Hopkins University, 725 North Wolfe Street, 607 PCTB, Baltimore, MD 21205, Tele: (???) , Fax: (???) , e-mail: Seminar Title: “TBA” (Host: Dr. Bradley K. Yoder)

4) Matthew Warman, M.D., Director, Center for the Study of Genetic Bone and Joint Disorders, Department of Genetics, Case Western Reserve University, Room BRB-719, 2109 Adelbert Road, Cleveland, OH 44106, Tele: (216) 368-4919; e-mail: mlw14@cwru.edu Seminar Title: “TBA” (Host: Dr. Nathaniel H. Robin)

5) William H. Klein, Ph.D., Chairman, Department of Biochemistry and Molecular Biology, M.D. Anderson Cancer Center, 1515 Holcombe Blvd., Box 0117, Houston, TX 77030, Tele: (713) 792-3646; e-mail: wklein@mdanderson.org Seminar Title: “TBA” (Host: Shu-Zhen Wang, Ph.D.)

6) Chenbei Chang, Ph.D., Assistant Professor, Department of Cell Biology

7) Max Cooper, M.D., Professor, Department of Medicine/Developmental and Clinical Immunology

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DEVELOPMENTAL BIOLOGY DAY (continued)

UAB Speakers:

8) Michael Ruppert, M.D., Ph.D., Associate Professor, Department of Medicine Hematology/Oncology

9) Rosa Serra, Ph.D., Assistant Professor, Department of Cell Biology

10) Bradley K. Yoder, Ph.D., Associate Professor, Department of Cell Biology

April (continued)

21 Mark Marsh, Ph.D., MRC Cell Biology Unit and Department of Biochemistry and Molecular Biology, University College London, e-mail: m.marsh@ucl.ac.uk Seminar Title: “TBA” (Host: Dr. Elizabeth Sztul)

28 Kevin A. Roth, M.D., Ph.D., Professor, Department of Clinical Pathology, The University of Alabama at Birmingham, SC 961, Ext. 4-5802, e-mail: karoth@uab.edu Seminar Title: “Bcl-2 and Caspase Regulation of Neural Stem Cell Fate.”

May

5 Scott M. Wilson, Ph.D., Assistant Professor, Department of Neurobiology, The University of Alabama at Birmingham, CIRC 589, Ext. 5-5573, e-mail: Wilson@nrc.uab.edu Seminar Title: “TBA”

12 Catherine Jackson, Ph.D., Department of Cell Biology and Metabolism Branch, NIH, NICHD, Bethesda, MD, Tele: (301) 594-3944, (Host: Dr. Elizabeth Sztul)

19 Paul Sternberg, Ph.D., Professor, Department of Biology, California Institute of Technology, 288 Alles, MC 156-29, 1200 E. California Blvd., Pasadena, CA 91125, Tele: (626) 395-2181, e-mail: pws@caltech.edu Seminar Title: “TBA.” (Host: Dr. Michael Miller)

25 Robert H. Carter, M.D., Associate Professor, Department of Medicine, Immunology/Rheumatology, The University of Alabama at Birmingham, LHRB 409, Ext. 5-8688, e-mail: rcarter@uab.edu Seminar Title: “TBA”.

June

2 DISSERTATION DEFENSE - Elizabeth Brandon, Graduate Student (Mentor: Dr. Elizabeth Sztul); MCLM 657, Ext. 4-1499; Thesis Title: