

**Molecular & Medical Genetics Departmental Seminar
2011-2012**

<u>Date</u>	<u>Speaker</u>	<u>Title</u>
9/28/11	Zhenkun Lou, PhD, Associate Professor of Pharmacology, Mayo Clinic	Mediating DNA Damage Response
10/5/11	Richard Goodman, Md, PhD, Professor of Cell and Developmental Biology and Biochemistry and Molecular Biology; Director, Vollum Institute, OHSU	Inheritance of Acquired Characteristics—Irreducible Complexity or Funky Genetics?
10/19/11	Lawrence Quilliam, PhD, Professor, Department of Biochemistry & Molecular Biology, Indiana University	Channeling ER Stress Pathways to Kill TSC2-null Tumor Cells
10/26/11	Shoukrat Mitalopov, PhD, Research Associate Professor, Molecular & Medical Genetics, ONPRC, OHSU	Mitochondrial Genome during Reproduction, Development, and Aging
11/9/11	Cary Harding, MD, Associate Professor, Molecular & Medical Genetics, OHSU	Advances in Gene Therapy and Enzyme Substitution Therapy for Phenylketonuria (PKU)
11/30/11	Dmitri Rozanov, PhD, Research Assistant Professor, Molecular & Medical Genetics, OHSU	Improved Natural TRAIL-based Anti-tumor Immune Response for an Effective and Exclusively Non-toxic Cancer Therapy
1/11/12	Jonathan Nelson, Molecular & Medical Genetics Doctoral Candidate, Alkayed Lab	Disruption of Soluble Epoxide Hydrolase Dimerization as a Novel Therapeutic Target for Stroke
1/18/12	Philip A. Wood, DVM, PhD, Professor, Metabolic Signaling & Disease Program-Diabetes & Obesity Research Center, Sanford-Burnham Medical Research Institute at Lake Nona	Translational Leads from Mouse Models for Fatty Acid Oxidation Deficiencies: Monogenic Diseases Are Complex Traits
1/25/12	Ray Hickey, Molecular & Medical Genetics Doctoral Candidate Thesis Defense	Novel Cell Therapies for Liver Disease and Type 1 Diabetes
2/1/12	David IK Martin, MD, Chair, Center for Genetics, Children's Hospital Oakland Research Institute	Epigenetic Inheritance
2/8/12	Arnold W Strauss, MD, Professor of Pediatrics, University of Cincinnati College of Medicine	Molecular Medicine and Mitochondrial Epigenetics

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2/22/12	Terumi Kohwi-Shigematsu, PhD, Senior Scientist, Life Sciences Division, Lawrence Berkeley National Laboratory	Reprogramming of Chromatin Structure and Function by Genome Organizers in Cancer and Stem Cells
2/29/12	William Gahl, MD, PhD, Clinical Director, National Human Genome Research Institute; Head, Section on Human Biomedical Genetics, Medical Research Branch; Head, Intramural Program, Office of Rare Diseases, National Institute of Health	The NIH Undiagnosed Diseases Program
3/7/12	Autumn Fletcher, Graduate Research Assistant, Molecular & Medical Genetics, Gillingham Lab	Retinopathy in Mitochondrial Trifunctional Protein Deficiencies
3/14/12	Bino John, PhD, Associate Professor, Department of Computational Biology, University of Pittsburgh School of Medicine	Two Large Novel Classes of RNAs Reveal an Unexpected RNA Pathway
3/21/12	Hisashi Tanaka, MD, PhD, Department of Molecular Genetics, Lerner Institute, Cleveland Clinic	Gene Duplication: Causes and Consequences in Cancer and Evolution
4/18/12	Laurie Ozelius, PhD, Associate Professor, Departments of Neurology & Genetics and Genomic Sciences Bachmann-Strauss Professor in Movement Disorders, Mount Sinai School of Medicine, New York	Identifying Dystonia Genes: When Simple Mendelian Disorders are not so simple
5/2/12	Daryl Shibata, MD, Professor of Pathology, USC Norris Cancer Hospital, University of Southern California	Reconstructing Human Somatic Cell Evolution from Genomic Variation: Aging and Cancer
5/9/12	Michael J Bennett, PhD, FRCPath, FACB, DABCC, Professor of Pathology & Laboratory Medicine, Perelman School of Medicine, University of Pennsylvania, Evelyn Willing Bromley Endowed Chair in Clinical Laboratories & Pathology; Director, Metabolic Disease Laboratory, The Children's Hospital of Philadelphia	The Neuronal Ceroid-lipofuscinoses

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5/16/12	Kathryn J. Swoboda, M.D., FACMG, Associate Professor, Neurology & Pediatrics; Director, Pediatric Motor Disorders Research Program Department of Neurology University of Utah	Segawa Disease: Impact of BH4 deficiency on mood, behavior, and motor function
5/23/12	David S. Rosenblatt, M.D., Dodd Q. Chu & Family Chair in Medical Genetics Chairman, Department of Human Genetics; Professor, Departments of Human Genetics, Medicine, Pediatrics, and Biology McGill University	Lessons in Biology from Patients with Inherited Defects in Vitamin B12 Metabolism
6/8/12	Julie Saugstad, Ph.D., Associate Professor, Department of Anesthesiology & Perioperative Medicine; Director of APOM Core Molecular Laboratories and Training, OHSU	Role of MicroRNA's in Ischemia and Neuroprotection