

**MOLECULAR & MEDICAL GENETICS  
DEPARTMENTAL SEMINARS**

<u>DATE</u>	<u>SPEAKER</u>	<u>TITLE</u>
8/30/12	Terence R. Flotte, MD, Professor of Pediatrics and Microbiology & Physiologic Systems, Dean, Provost and Executive Deputy Chancellor, University of Massachusetts Medical School	Recombinant adeno-associated virus-based gene therapy for disorders of fatty acid oxidation
9/5/12	Jukka Westermarck, MD, PhD, Research Professor, Finnish Cancer Institute, Turku Centre for Biotechnology, University of Turku	Research Professor, Finnish Cancer Institute, Turku Centre for Biotechnology, University of Turku
9/26/12	Xiao-Nan Li, M.D., Ph.D., Associate Professor, Brain Tumor Program, Texas Children's Cancer Center, Dept. of Pediatrics, Baylor College of Medicine	Associate Professor, Brain Tumor Program, Texas Children's Cancer Center, Department of Pediatrics, Baylor College of Medicine
10/10/12	Michael Snyder, Ph.D., Stanford B. Ascherman Professor and Chair of Genetics and Director of Center for Genomics and Personalized Medicine	Adventures in personal genomics and whole omics profiling abstract
10/31/12	Jeff Wall, Ph.D., Assistant Professor, Division of Biostatistics, Core Faculty, Institute for Human Genetics, University of California, San Francisco. HOST: Lucia Carbone	Quantifying levels of Neanderthal admixture in different human populations
11/14/12	Lisa Coussens, Ph.D., Hildegard Lamfrom Chair in Basic Science, Professor and Chair, Cell & Developmental Biology, Associate Director for Basic Research, Knight Cancer Institute	Reprogramming immune microenvironments in solid tumors to enhance therapy
12/5/12	Jay Shendure, M.D., Ph.D., Associate Professor, Department of Genome Sciences, University of Washington, School of Medicine	Next Generation Human Genetics
12/12/12	Soren Impey, Ph.D., Assistant Professor Cell and Development Biology, OHSU	Dynamic regulation of DNA and histone methylation
1/9/13	Yasuhiro Ikeda, Ph.D., Associate Professor, Mayo Clinic	Induced pluripotent stem cells and pancreas-targeted gene delivery for beta cell regeneration
1/16/13	Jonathan Nelson, Graduate Student, Molecular and Medical Genetics	Disruption of soluble epoxide hydrolase dimerization as a novel therapeutic strategy in stroke

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1/23/13	Faculty Candidate: Michael M. Hoffman, Ph.D., Senior Postdoctoral Fellow, Noble Lab, Department of Genome Sciences, University of Washington	Semi-automated annotation of the human genome using chromatin and RNA-seq data
1/30/13	Robert Steiner, M.D., Vice Chair Research, Department of Pediatrics, Co-Chair, Pediatric Clinical and Translational Research	Hens to Hedgehogs, Smith Lemli Opitz Syndrome
2/6/13	Lee-Jun Wong, Ph.D., Professor, Department of Molecular and Human Genetics Director, Mitochondrial Diagnostic Laboratory Baylor College of Medicine	Translation of NGS technologies to molecular diagnosis of human genetic diseases
2/13/13	Faculty Candidate: Brian J. O’Roak, PhD, Postdoctoral Fellow, Eichler and Shendure Labs, Department of Genome Sciences, University of Washington	Unlocking Autism: Massively Parallel Strategies & Shifting Genetic Paradigms
2/20/13	David Botstein, Ph.D., Anthony B. Evnin Professor of Genomics, Director, Lewis-Sigler Institute, Princeton	Yeast, Evolution, and Cancer
3/6/13	Martina Ralle, Ph.D., Research Assistant Professor, Biochemistry and Molecular Biology	Consequences of copper accumulation in health and disease.
3/13/13	Paul Wuh-Liang Hwu, M.D., Ph.D., Department of Pediatrics and Medical Genetics, National Taiwan University Hospital	Gene therapy for aromatic L-amino acid decarboxylase deficiency.
4/3/13	Robert Hitzemann, Ph.D., Professor and Chair, Behavioral Neuroscience, OHSU	Behavioral genetics: from QTLs to gene networks and beyond
4/10/13	Charles E. Schwartz, Ph.D., Director of Research and Head of JC Self Research Institute Director - Center for Molecular Studies, Senior Research Scientist, Greenwood Genetic Center	Intellectual Disability: Clinical and Molecular Aspects
4/17/13	H. Scott Stadler, Ph.D., Associate Professor, Molecular and Medical Genetics	Cis- and trans-acting functions of a novel long non coding RNA
4/24/13	Amanda Vinson, Ph.D., Assistant Professor, Molecular and Medical Genetics, Assistant Scientist, ONPRC	The macaque model for sex-specific genetic architecture of cardiovascular disease and obesity

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5/1/13	Doris Kretzschmar, Ph.D., Associate Professor, Molecular and Medical Genetics, Scientist, CROET	AMP-activated protein kinase interferes with actin homeostasis and neuronal survival
5/8/13	R. Stephen Lloyd, Ph.D., Professor, Molecular and Medical Genetics, Senior Scientist, CROET	Translesion DNA polymerases as potential targets in combined cancer therapeutics
5/15/13	Christopher R. Gignoux, MS, Graduate Student (PhD expected: 2013), Program in Pharmaceutical Sciences and Pharmacogenomics (PSPG), UCSF, San Francisco, CA	The role of evolutionary genetics in identifying novel risk factors for asthma
5/22/13	Xiao Xiao, Ph.D., Fred Eshelman Distinguished Professor of Gene Therapy, University N Carolina Chapel Hill	Systemic gene delivery to the muscle and nerve for muscular dystrophies
5/29/13	Michael Bamshad, M.D., Professor of Pediatrics, Adjunct Professor of Genome Sciences, University of Washington	Exome / genome sequencing as a tool for disease gene discovery
6/5/13	Nichole Owen, Graduate Student, Olson Lab, Molecular and Medical Genetics, OHSU	Understanding chromosome radial formation in genome instability disorders
6/12/13	Wayne Grody, M.D., Ph.D., Professor, Departments of Pathology & Laboratory Medicine, Pediatrics, and Human Genetics, UCLA School of Medicine, and Director, Diagnostic Molecular Pathology Laboratory within the UCLA Medical Center	Familial Mediterranean Fever: Diagnosis, management, and 21st century politics of an ancient disease
6/19/13	Autumn Fletcher, Graduate Student, Gillingham Lab, Molecular and Medical Genetics	Effects of knockdown of mitochondrial trifunctional protein in ARPE19 immortalized retinal pigment epithelial cells
6/26/13	Shawn Christ, Ph.D, Associate Professor, Department of Psychological Sciences, University of Missouri, Columbia	New Insights into PKU and the Brain