

Past Basic Science Conferences (2003-2009)

Date	Presenter	Title
6/23/2009	A. Fukuda / J. Wang	Postdoctoral Fellow Presentations
6/16/2009	T. Hurd / L. Wickman	Postdoctoral Fellow Presentations
6/9/2009	H. Wong	DLK, Energy and Glucose Metabolism
6/2/2009	Schlueter	Apical Lumen Formation
5/26/2009	CANCELLED	
5/19/2009	Weinberg	Targeted Metabolomics of Acute Kidney Injury
5/12/2009	P. Mundel (Univ. of Miami)	Proteasomal Regulation of RhoA Signaling
5/5/2009	Kretzler	Systems biology of diabetic nephropathy
4/28/2009	S. Patel	Mechanisms of Groucho4 mediated transcriptional repression
4/21/2009	Wiggins	Podocyte loss and progression. A non-invasive monitoring strategy
4/14/2009	R. Coward	The emerging role of the podocyte as an early target in diabetic nephropathy
4/7/2009	CANCELLED	
3/31/2009	N. Rosenblum (University of Toronto)	Renal Malformation: A Clinical Puzzle Unraveled by Developmental Genetics (Grand Rounds - Dept. of Peds & Comm Diseases)
3/24/2009	F. Hildebrandt (UM Peds)	Single-Gene Causes of Childhood Nephrotic Syndrome
3/17/2009	Holzman	From the Slit Diaphragm Protein Complex to the Actin Cytoskeleton
3/10/2009	Pennathur	Mass spectrometry based Metabolomics: Promise and Pitfalls
3/3/2009	L. Satin (UM Pharmacology)	Islet Mechanisms Mediating Oscillations in Pancreatic Insulin Secretion: Around and Around We Go!
2/24/2009	B. Ye (UM LSI & CDB)	The Compartmentalization of Neurons in Drosophila and Mammals
2/17/2009	C. Duckett (UM Pathology / Int. Med.)	'Signal transduction pathways utilized by the Hodgkin's lymphoma-related protein, CD30
2/10/2009	A. Lieberman (UM Pathology)	Autophagy in Niemann-Pick type C disease
2/3/2009	NO CONFERENCE	
1/27/2009	Brosius	Glucose Transport and other Metabolic Determinants of Vascular Smooth Muscle Function
1/20/2009	Shayman	A lipo-centric view of lupus
1/13/2009	A. Beg (UM Pharmacology)	Proton Powered Transmission
1/6/2009	NO CONFERENCE	
12/30/2008	TBD	
12/23/2008	TBD	

Date	Presenter	Title
12/16/2008	M. Lei (UM Bio Chem)	Party in the End Zone: Structure and Function of Telomere Proteins
12/9/2008	A. Koch (UM Rheumatology)	Angiogenesis in Rheumatoid Arthritis
12/2/2008	E. Keller (UM Urology & Pathology)	The Biology of Bone Metastasis
11/25/2008	K. Eaton (UM Microbiology & Immunology; Comparative Pathology)	Renal Disease Due to Enterohemorrhagic E. Coli in Germ-Free Mice
11/18/2008	M. Nyati (UM Radiation Oncology)	Role of EGFR in chemotherapy and radiation responses
11/11/2008	Y. Laouar (UM Microbiology & Immunology)	TGFbeta and Innate Immunity
11/4/2008	NO CONFERENCE	
10/28/2008	J. Platt (UM Surgery / Microbiology & Immunology)	Lessons from transplantation
10/21/2008	B. Moore (UM Pulmonary)	Regulation of Host Defense Post-Bone Marrow Transplant
10/14/2008	Y. Liu (UM Immunotherapy-General Surgery)	FOXP3 and Cancer
10/7/2008	K. Inoki (UM Molecular & Integrative Physiology)	Role of mTORC1 pathway in podocyte injury
9/30/2008	NO CONFERENCE	
9/23/2008	A. Kumar (Molecular, Cellular & Developmental Biology)	Large-Scale Analysis of Yeast Filamentous Growth
9/16/2008	B. Lyons (Dir., DNA Sequencing Core)	Next-Generation DNA Sequencing at U-M
6/24/2008	Schlueter / Wang	Fellows Talks
6/17/2008	Blosser / Harder	Fellow Presentations
6/10/2008	M. Rastaldi (Milan, Italy)	Intercellular communication in the renal glomerulus
6/3/2008	Garg / Johnstone	Fellows Talks
5/27/2008	Pennathur	Oxidized Dysfunctional HDL and atherosclerosis
5/20/2008	T. Hurd	Postdoctoral Presentation - Margolis Lab
5/13/2008	S. Phan (Pathology)	Fibroblast Ontogeny in Pulmonary Fibrosis
5/6/2008	K. Elenitoba-Johnson (UM Pathology)	Molecular Pathogenesis of Follicular Lymphoma Transformation
4/29/2008	Weinberg	Regulation of the Mitochondrial Permeability Transition in Kidney Proximal Tubules
4/22/2008	Patel	Transcriptional activation and Repression at a Pax2 responsive gene
4/15/2008	C. Tsui (Biological Sciences, SUNY Buffalo)	Podocytes and Glomerulosclerosis: Role of Neurotrophic Factors and Beyond
4/8/2008	Holzman	From the slit diaphragm to the podocyte actin cytoskeleton
4/1/2008	T. Wang (Gastroenterology)	Detection of colonic dysplasia in vivo using a targeted heptapeptide and confocal microendoscopy
3/25/2008	NO CONFERENCE	

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3/18/2008	Brosius	A Peripatetic Approach to Understanding Diabetic Nephropathy
3/11/2008	Wiggins	Progression and the podocyte
3/4/2008	B. Yoder (Cell Biology, Univ. of Alabama - Birmingham)	Molecular and cellular insights into the ciliopathies: from extra toes to obesity
2/26/2008	NO CONFERENCE	
2/19/2008	P. Arvan (MEND)	Making Insulin: Trouble in Paradise
2/12/2008	Shayman	Lysosomes, Lipids, and Lupus
2/5/2008	M. Knepper (National Institutes of health / NHLBI)	Use of LC-MS/MS in the Discovery of Vasopressin Signaling Pathways in the Renal Collecting Duct
1/29/2008	Kretzler	A Systems View of Glomerular Disease
1/22/2008	Cancelled	
1/15/2008	D. Wellik (Mol Med & Gen)	Hox proteins differentially regulate Six2 expression from a single enhancer binding site
1/8/2008	NO CONFERENCE	
1/1/2008	HOLIDAY	
12/25/2007	NO CONFERENCE	
12/18/2007	NO CONFERENCE	
12/11/2007	NO CONFERENCE	
12/4/2007	Margolis	The Crumbs3 Protein is Important
11/27/2007	J. Tesmer (Pharmacology / Life Sciences)	Structural Studies of an Ancient Galphaq Pathway Linking GPCRs to RhoA
11/20/2007	F. Hildebrandt (Peds / Human Genetics)	Ciliopathies
11/13/2007	J. Kim (Human Genetics)	small RNA-mediated gene regulation in C. elegans
11/6/2007	V. Thannickal (Pulmonary & Critical Care)	Origins and Activation of Myofibroblasts in Tissue Repair/Fibrosis
10/30/2007	No Conference	
10/23/2007	V. Haase (Asst. Prof. of Med., Univ. of PA School of Medicine)	Genetic manipulations of the HIF system in renal tubular epithelial cells
10/16/2007	K. Susztak (Asst. Prof., Medicine/Nephrology; Albert Einstein College of Medicine, Bronx, NY)	A Notch on the Glomerulus
10/9/2007	J. Merchant (MIP, Gastroenterology)	Sonic Hedgehog and Gastric Cancer: To process or not to process
10/2/2007	E. Burstein (Gastroenterology)	COMMD proteins: newCOMMers to HIF regulation
9/25/2007	Dressler	The Epigenetics of the Renal Epithelial Cell Lineage: From Flies to Mice and Back
9/18/2007	Y. Yamashita (Center for Stem Cell Biology)	Regulation of Asymmetric Stem Cell Division During Tissue Homeostasis and Aging
6/26/2007	TBD	
6/19/2007	R. Wiggins	The Podocyte in Progressive Glomerular Disease

Date	Presenter	Title
6/12/2007	D. Johnstone / E. Langewisch	Fellows Presentations
6/5/2007	N. Blatt / R. Gbadegesin	Fellows Presentations
5/29/2007	J. Harder / T. Hurd (Margolis Lab)	Fellows Presentations
5/22/2007	Kretzler	Integrative Systems Biology of Renal Disease
5/15/2007	Shayman	Lysosomal Phospholipase A2: Further Characterization and New Functions
5/8/2007	CANCELED	
5/1/2007	R. Ransom (Pediatrics)	Glucocorticoid Action in Podocytes
4/24/2007	Weinberg	Expression and Regulation of the Mitochondrial Permeability Transition in Kidney Proximal Tubules
4/17/2007	CANCELED - replaced by a discussion regarding the new P30 format for Renal Center applications to be submitted this fall (moderated by Dr. R. Wiggins)	
4/10/2007	D. Klionsky (BioChem; Molec/Cell/Develop Bio; Life Sciences Inst)	How to live a longer, healthier, dementia-free life through autophagy
4/3/2007	C. Wu (Pathology - U. of Pittsburgh)	The Integrin-Actin Network: Assembly, Regulation and Dysfunction in Glomerular Injury
3/27/2007	Pennathur	Inflammation, Oxidative Stress and Cardiovascular Disease
3/20/2007	Holzman	Foot Process Dynamics: From Fyn to the Actin Cytoskeleton
3/13/2007	Lucas (Pathology)	A Novel NF-kB Signaling Pathway: From Lymphoma to Atheroma
3/6/2007	P. Brophy (Peds Neph)	Pax2, c-Ret and renal hypoplasia/agenesis
2/27/2007	Margolis	Polarizing Forces
2/20/2007	M. Rudnicki (Medical University Innsbruck)	Functional Genomics in Chronic Kidney Disease: The Role of Tubular Epithelial Cells in Stable and Progressive Nephropathies
2/13/2007	Brosius	Diabetic Nephropathy: Models and Meanderings
2/6/2007	D. Martin (UM Pediatrics and Human Genetics)	Roles for Chd7 in CHARGE-Related Organ Development
1/30/2007	K. Badri (Wayne State School of Medicine)	TIPs are tension-responsive proteins involved in myogenic versus adipogenic differentiation
1/23/2007	Z. Han (Molecular Medicine And Genetics)	Genetic Control of Drosophila Heart Development
1/16/2007	J. Metzger (Molecular & Integrative Physiology)	Histidine Button in Troponin Suits Cardiac Contraction
12/26/2006	NO CONFERENCE	
12/19/2006	NO CONFERENCE	
12/12/2006	K. Cadigan (Molec/Cell/Develop Bio)	Transcriptional regulation by Wnt/beta-catenin signaling
12/5/2006	CANCELLED	
11/28/2006	L. Weisman (Life Sciences, Cell & Developmental Biology)	Roles and regulation of the signaling lipid, phosphatidylinositol 3,5 bis phosphate

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11/21/2006	M. Moeller (University RWTH-Aachen)	About Diabetes, Diabetic Nephropathy and your Genetic Background
11/14/2006	D. Kerjaschki (Prof. Ordinarius & Chair., Dept. of Clinical Pathology, Univ. of Vienna)	Lymphatics Everywhere
11/7/2006	E. Fearon (Oncology, Int. Med., Pathology, Human Genetics)	Contribution of Wnt Pathway Defects to Colorectal Tumorigenesis
10/31/2006	C-Y. Lee (Molecular Medicine & Genetics)	Genetic Regulation of Self-renewal Versus Differentiation in Drosophila
10/24/2006	J. Iniguez-Lluhi (Pharmacology)	SUMOylation: A Versatile Protein Modification That Regulates Both Nuclear And Membrane Events Could It Be A Novel Transplantation Tool?
10/17/2006	NO CONFERENCE	
10/10/2006	X. Yu (Molecular Medicine & Genetics)	Cell Cycle Checkpoints and Cancer
10/3/2006	V. Carruthers (Microbiology & Immunology)	Parasite Adhesion and Toxoplasmosis
9/26/2006	D. Turner (Molecular & Behavioral Neuroscience Inst. / Biological Chem.)	MicroRNA Expression and Function During Mammalian Neuronal Differentiation
9/19/2006	H. Umemori (Mol. & Behavioral Neuroscience Inst. / Biological Chem.)	Finding the Synaptic Organizers
9/12/2006	TBD	
9/5/2006	TBD	
6/27/2006	TBA	
6/20/2006	TBA	
6/13/2006	TBA	
6/6/2006	O'Toole	Protein Interactions of Nephrocystin-5
5/30/2006	Johnstone	Slit Diaphragm Protein FAT1 and Cell Polarity
5/30/2006	Garg	Neph1: The Other Protein at the Slit Diaphragm
5/23/2006	CANCELLED	
5/16/2006	Dressler (Pathology)	Extracellular Regulators of TGF-beta/BMP Signaling in Renal Disease
5/9/2006	Pennathur	Elucidation of Disease Mechanisms by mass Spectrometric Approaches
5/2/2006	Weinberg	A Unifying Hypothesis to Explain Energetic Failure in Kidney Proximal Tubules During Hypoxia/Reoxygenation
4/25/2006	Y. Raphael (Otolaryngology)	Transdifferentiation of non-sensory cells as a strategy for cochlear hair cell regeneration
4/18/2006	P. King (Microbiology & Immunology)	Regulation of T Cell Signal Transduction and Self/Non-Self Discrimination by the T Cell-Specific Adapter (TSA) Protein
4/11/2006	R. Wiggins	The Aging Glomerulus

Date	Presenter	Title
4/4/2006	T. Glaser (Molecular Med & Genetics)	How Retinal Progenitors Develop Into Ganglion Cells - Genes, Fate and Signaling Pathways in the Vertebrate Eye
3/28/2006	F. Hildebrandt (Pediatric Nephrology)	Positional Cloning of a New Gene Mutated in Nephronophthisis Type 6: Converging on Convergent Extension?"
3/21/2006	Margolis	Protein Complexes that Control Cell Polarity
3/14/2006	J. Lin (Life Sciences)	Control of Mitochondrial Oxidative Metabolism Through Transcriptional Coactivators
3/7/2006	P. Brophy (Pediatrics)	Congenital Progressive Hydronephrosis
2/28/2006	NO CONFERENCE	
2/21/2006	Brosius	Glut4 determines vascular responses in hypertension
2/14/2006	Shayman	Endothelial Dysfunction in Fabry Disease
2/7/2006	J. Gestwicki (LSI & Pathology)	Co-opting Immunosuppressant Mechanisms for (Unintended) Biotechnological Applications
1/31/2006	Holzman	The Slit Diaphragm Complex: From Fyn to Actin Cytoskeleton Regulation
1/24/2006	Kretzler	Pathway mapping and promoter modeling of the renal transcriptome: Towards systems biology of kidney disease
1/17/2006	D. Gumucio (Cell & Developmental Biology)	Gut reactions: How the small intestine gets its villi
1/10/2006	No Conference	
1/3/2006	No Conference - Holiday	
12/27/2005	TBA	
12/20/2005	TBA	
12/13/2005	A. Dlugosz (Dermatology)	Hedgehog signaling in development, regeneration, and cancer
12/6/2005	A. Swaroop (Ophthalmology & Visual Sciences, Human Genetics)	Transcriptional regulation of photoreceptor differentiation
11/29/2005	S. Xu (Physiology, LSI)	A TRiP from flies to worms: Molecular & genetic dissection of TRP channel-mediated calcium signaling
11/22/2005	M. Breyer (Vanderbilt)	Renal PPARgamma and the mechanisms of thiazolidinedione-associated edema
11/15/2005	A. Hsu (Int. Med.)	Insights into the aging process from new <i>C. elegans</i> longevity genes identified by a RNAi screen
11/8/2005	No Conference - ASN	
11/1/2005	Ming Lei (BioChem)	Biochemical and structural studies of telomere and its binding proteins
10/25/2005	C. Heilig (Univ. of Chicago)	Animal and Cell Models of GLUT1-Associated Disorders
10/18/2005	TBA	
10/11/2005	C. Garipey (Pediatrics)	Role of the endothelin system in physiologic responses to high dietary sodium
10/4/2005	TBA	

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9/27/2005	S. Patel	
9/20/2005	Patrick Hu (Life Sciences Institute, Hematology/Oncology)	
9/13/2005	NO CONFERENCE	
9/6/2005	NO CONFERENCE	
6/28/2005	O'Toole and Haas	Fellow presentations
6/21/2005	Patrie	
6/14/2005	Heung and Cramer	Fellow presentations
6/7/2005	No Conference	
5/31/2005	Inoki (Life Sciences Institute)	
5/24/2005	Brophy (Pediatric Nephrology)	
5/17/2005	Brosius	
5/10/2005	Venkatchalam (Guest)	
5/3/2005	Hildebrandt (Pediatric Nephrology)	
4/26/2005	Weinberg	
4/19/2005	Abrahamson	
4/12/2005	Novitch (Cell and Developmental Biology)	
4/5/2005	Kershaw (Pediatric Nephrology)	
3/29/2005	Nunez (Pathology)	
3/22/2005	Holzman	
3/15/2005	Luker (Microbiology and Immunology)	
3/8/2005	Shayman	
3/1/2005	Chapman	
2/22/2005	Mobley (Microbiology and Immunology)	
2/15/2005	Fingar (Cell and Developmental Biology)	
2/8/2005	R. Wiggins	
2/1/2005	Park (Urology)	
1/25/2005	TBA	
1/18/2005	TBA	
1/11/2005	TBA	
1/4/2005	TBA	
12/28/2004	No Conference	
12/21/2004	No Conference	
12/14/2004	Petruzzelli (Hematology/Oncology)	
12/7/2004	Ross (Hematology/Oncology)	
11/30/2004	Margolis	
11/23/2004	Nikiforov (Dermatology)	

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11/16/2004	Fuller (Biological Chemistry)	
11/9/2004	Swanson (Microbiology and Immunology)	
11/2/2004	ASN - No Conference	
10/26/2004	TBA	
10/19/2004	TBA	
10/12/2004	TBA	
10/5/2004	TBA	
9/28/2004	TBA	
9/21/2004	TBA	
9/14/2004	TBA	
9/7/2004	TBA	
6/8/2004	Patrie	Interactions among membrane-associated , guanylate kinase (MAGUK) proteins
6/1/2004	W. Fissell	Silicon nanopore membranes
5/25/2004	S. Patel	Nephric lineage specification by PAX2 and PTIP,, PAX2 transactivation domain interacting protein
5/18/2004	Guan (Biological Chemistry)	TSCs in cell size control and tumor development
5/11/2004	Weinberg	Understanding the mechanisms for impaired , mitochondrial membrane potential in proximal, tubules after hypoxia/reoxygenation
5/4/2004	Kurnit (Pediatric Genetics)	Detecting podocyte anomalies of diabetes and, glomerular disorders by searching for nephrin, expression in urine sediment
4/27/2004	Hildebrandt (Pediatric Nephrology)	Positional cloning of a new gene causing branchio-, oto-renal syndrome
4/20/2004	Brosius	Glucose transporters in diabetic nephropathy
4/13/2004	Shayman	A nephrologist looks at the lungs
4/6/2004	Wellik (Molecular Medicine & Genetics)	Removing redundancy: A critical role for Hox, genes in kidney development and skeletal patterning
3/30/2004	Margolis	Multifunctional polarity complexes
3/16/2004	Imperiale (Microbiology and Immunology)	BKV infection of the kidney and prostate
3/9/2004	Hiraoka	Pulmonary alveolar proteinosis
3/9/2004	Becker	Regulation of cell polarity and protrusion, formation by targeting RhoA for degradation
3/2/2004	Pinsky (Cardiovascular Medicine)	Therapeutic effects of a deadly gas
2/17/2004	Tsai (Cell and Developmental Biology)	Cellular entry mechanisms of a toxin, a virus,, and a bacteria
2/10/2004	Patrie	Crosstalk between the EGFR and LIN-12/Notch, pathways in C elegans vulval development
2/10/2004	Ransom (Pediatric Nephrology)	TBA

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1/27/2004	Brosius	WNK4 regulates the balance between renal, NaCl reabsorption and K ⁺ secretion, A molecular switch controlling renal sodium and, potassium excretion
1/27/2004	O'Toole	Mutations in PRKCSH cause isolated autosomal, dominant polycystic liver disease
1/13/2004	Hildebrandt (Pediatric Nephrology)	Basal body dysfunction is a likely cause of pleiotropic Bardet-Biedl syndrome, The wnt/ γ -catenin pathway regulates cardiac valve formation
1/13/2004	Weinberg	Metabolism meets death, BAD and glucokinase resident in a mitochondrial , complex that integrates glycosis and apoptosis
12/2/2003	Thomas Weimbs, Ph.D., Assistant Staff, Department of Cell Biology, Lerner Research Institute, The Cleveland Clinic, joint appointment with Urological Institute	The SNARE membrane fusion machinery in , polarized epithelial cells and cytokinesis
11/25/2003	Malhotra	p-53- and drug-induced apoptotic responses, mediated by BH3-only proteins puma and noxa
11/11/2003	Verma	Molecular basis of the functional podocin-nephrin, complex: Mutations in the NPH S2 gene disrupt, nephrin targeting to lipid raft microdomains
11/11/2003	O'Toole	Inhibition of renal cystic disease development and, progression by a vasopressin V2 receptor antagonist
10/21/2003	Rui (Physiology)	SH2-B regulation of insulin sensitivity and glucose homeostasis
10/14/2003	Margolis	Delayed cystogenesis and increased ciliogenesis, associated with the re-expression of polaris in Tg737 , mutant mice.
10/14/2003	Wong	STAT3 signaling is required for leptin regulation of energy balance, but not reproduction
10/7/2003	Cadigan (Cellular and Developmental Biology)	Wnt signaling and apoptosis
9/30/2003	Nihalani	An efficient purification method for functional , proteomics in higher eukaryotes.
9/30/2003	S. Patel	Nephric lineage specification by Pax2 and Pax8
9/23/2003	Esteban (Pharmacology)	Moving receptors in and out of synapses: A, mechanism for synaptic plasticity
9/16/2003	Shayman	Sphingosine phosphate lyase expression is essential for normal development in caenorhabditis elegans, Sply regulation of sphingolipid signaling molecules is essential for drosophila development
9/16/2003	Brophy (Pediatric Nephrology)	γ -Secretase activity is dispensable for mesenchyme-, to-epithelium transition but required for podocyte, and proximal tubule formation in developing mouse, kidney