The Indispensable Cilium
Roles in Signaling, Development, and Human Disease

March 31 and April 1, 2011

Thursday, March 31
Woodruff Health Sciences Center Administration Building Auditorium
5:00-5:30 Reception
5:30-6:30 Dr. Susan Dutcher
Washington University in Saint Louis
“Building cilia: from the foundation to scaffolding to the conveyor belt”

Friday, April 1
Whitehead Biomedical Research Building
Ground Floor Auditorium
8:15-8:45 Continental Breakfast
8:45-9:00 Dr. Winfield Sale
Emory University
Introduction
9:00-10:00 Dr. Martina Brueckner
Yale University
“The cilium in left-right development: from mouse to human to frogs”
10:10-11:10 Dr. Maureen Barr
Rutgers University
“How to specialize a cilium: KLPs, TRPs, and tracks”
11:20-12:20 Dr. Maxence Nachury
Stanford University
“The BBSome: a complex at the intersection of signaling, trafficking and tubulin acetylation”
2:00-3:00 Dr. Daniela Nicastro
Brandeis University
“Deconstructing cilia and flagella function with cryo-electron tomography and structural proteomics”
3:00-4:00 Dr. Kirk Mykytyn
Ohio State University
“Neuronal cilia and disease”
4:00-4:30 Reception

Sponsored by Emory University’s graduate program in Biochemistry, Cell, and Developmental Biology, the Departments of Cell Biology, Biochemistry, Pharmacology, Biology, Microbiology and Immunology, and Physics, the Graduate Division of Biological and Biomedical Sciences, and the Woodruff Health Sciences Center. Funded in part through a grant from the National Institutes of Health (T32GM008376).

For more information, contact Benjamin Nanes at bannes@emory.edu.