

Fall 2017 Seminar Series

(UT/ORNL – no arrangements)

- August 23 **Additional allostery in periplasmic binding protein mediated ABC transport**
Matthew Cuneo, MaNDi Beamline Scientist, Oak Ridge National Laboratory,
host Liz Howell
- August 30 **The plasminogen activation system in the central nervous system,**
Manuel Yepes, Professor, Department of Neurology; Director, Atlanta VAMC
Stroke Unit; O. Wayne Rollins Endowed Chair in Stroke and Imaging Research,
Yerkes National Primate Research Center; Emory University, hosts Joanna
Cooper and Rebecca Prosser
myepes@emory.edu
- September 6 **2. Squish and squeeze – Nuclear mechanics and mechanotransduction in
physiology and disease,** Jan Lammerding, Associate Professor, Biomedical
Engineering, Cornell University, host Rachel McCord
jan.lammerding@cornell.edu
- September 13 **How HIV and Ebola virus find their ways into cells: a tale of lipid-protein
interactions** Lukas Tamm, Harrison Distinguished Professor in Molecular
Physiology and Biological Physics; Vice-Chair of the Department of Molecular
Physiology and Biological Physics; director of the Center for Membrane and Cell
Physiology at the University of Virginia, host Fran Barrera
lkt2e@eservices.virginia.edu
- September 20 **Soil and Neurodegeneration: Digging up the Dirt on Parkinson's Disease,**
Kim Caldwell, Marilyn Williams Elmore and John Durr Elmore Endowed
Professor in the College of Arts and Sciences, University of Alabama, Hosts Liz
Howell and Gladys Alexandre
kcaldwel@ua.edu
- September 27 **What a little moonlight can do – for peptide bonding.** Albrecht von Arnim,
Professor, BCMB Department, UTK
- October 4 **Condensin mediated nuclear organization and gene regulation,**
Györgyi Csankovszki, Associate Professor, University of Michigan, Department
of Molecular, Cellular, and Developmental Biology, host Josh Bembenek
gyorgyi@umich.edu
- October 11 Elena Shpak, Associate Professor, BCMB, UTK

- October 18 **Investigating the Mechanisms of Cytokinesis during Embryo Development**, Josh Bembenek, Assistant Professor, BCMB, UTK
- October 25 **Modifying carbon, electron, and nitrogen metabolism in *Clostridium thermocellum* for enhanced cellulosic biofuel production**. Adam Guss, Genetic and Metabolic Engineer, ORNL, host Gladys Alexandre
gussam@ornl.gov
- November 1 **Defective alleles reveal novel insights into transcriptional regulation of carbon flux junctions in Populus**, Wellington Muchero, Quantitative Geneticist in Plant Systems Biology, ORNL, host Dan Roberts.
- November 8 Bruce Mckee, Professor, UTK, unconfirmed
- November 15 **New insights into structural flexibility and thermostability of cytochrome P450s**, Nitin Jain, Associate Professor, BCMB Department, UTK
- November 22 day before Thanksgiving no seminar
- November 29 **To Give or to Take: Bacterial Regulation of Conflicting Symbiotic Behaviors with Invertebrates**, Heidi Goodrich-Blair, David and Sandra White Professor Head of Microbiology Department, UTK
- December 5th classes end