

BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY DEPARTMENT

SPRING 2017 SEMINAR SERIES

- Jan 11 **Monica Gerth Ph.D.**
Professor, Dept. Biochemistry, University of Otago, NZ
Scratched, Then Sniffed? Structural And Functional Characterization of Chemoreceptors From *P. syringae*
Host: Brad Binder
- Jan 18 **Tyler Chang, Ph.D.**
School of Natural Sciences, Univ. Cal. Merced, CA
A Dynamic Day of a Three-protein Circadian Clock
Host: Liz Howell
- Jan 25 **Brandon Choi, Ph.D.**
Molecular and Cellular Physiology Dept., & HHMI, Stanford University, CA
Single Molecule Fluorescence Reveals Dynamic Structures Of Synaptic Protein Assemblies
Host: Francisco Barrera
- Feb 1 **Sarah Heissler, Ph.D.**
Laboratory of Molecular Physiology, NIH
Looking Under The Hood of Myosin Motors
Host: Barry Bruce
- Feb 8 **Feng Chen, Ph.D.**
Dept. of Plant Science, UTK
Function And Evolution of Terpene Synthase Genes
Host: Brad Binder
- Feb 15 **Hugh O'Neill, Ph.D.**
Staff Scientist, Biology and Soft Matter Division, ORNL
Structural Studies of the Plant Cellulose Synthesis Complex
Host: Daniel Roberts
- Feb 22 **Vasant Muralidharan, Ph.D.**
Asst. Prof, Dept. Cellular Biology, University of Georgia, Athens
Retooling Molecular Chaperones for the Parasitic Lifestyle of *Plasmodium*
Host: Maitreyi Das
- Mar 1 **Jenny Hinshaw, Ph.D.**
Section Chief, Structural Cell Biology, NIH
Capturing The Sequential Steps of Dynamin-Mediated Fission by Cryo-EM
Host: Barry Bruce
- Mar 8 **Karen Bernt, Ph.D.**
Professor, Biology Dept., Davidson College, NC
When a Smoke was a Smoke? Characterizing the Biototoxicity of E-cig Vapor & Hookah Smoke
Host: Rachael McCord
- Mar 15 -----WEEK OF SPRING BREAK-----
- Mar 22 **Danny Schnell, Ph.D.**
Professor and Chair, Plant Biology Dept., Michigan State University
Insights Into The Origin and Mechanism of the Protein Import Machinery of Chloroplast
Host: Barry Bruce/Daniel Roberts
- Mar 29 **Robert Fletterick, Ph.D.**
Professor, Biochemistry and Biophysics Dept., UCSF
Target Nr5a2: Discovering Compounds That Block Tumor Growth
Host: Elias Fernandez
- Apr 5 **Nicholas Noinaj, Ph.D.**
Asst. Prof., Biological Sciences Dept., Purdue University, IN
Structural Insights into the Biogenesis of Beta-barrel Membrane Proteins
Host: Gladys Alexandre
- Apr 12 **Elizabeth Fozo, Ph.D.**
Asst. Prof., Microbiology Dept., UTK
Effects Of Exogenous Fatty Acids *Enterococcus faecalis*: The Good, The Bad And The Ugly
Host: Francisco Barrera
- Apr 19 **Nathan Alder, Ph.D.**
Assoc. Professor, Molecular and Cellular Biology Dept., Univ. Connecticut, Storrs
Cardiolipin As A Mediator of Protein Interaction in The Mitochondrial Inner Membrane
Host: Barry Bruce
- Apr 26 **Bruce Kohorn, Ph.D.**
Professor, Biology Dept., Bowdoin College, ME
Cell Wall Pectin Perception by Wall Associated Kinases, WAKS
Host: Brad Binder

Refreshments 3:25, Seminar 3:35, M307 Walters Life Science Bldg.