**2019**

**Fall Seminar Series**

***Department of Biochemistry & Biophysics***

TUESDAYS at 11 AM in Bioinformatics 1131

**AUGUST 27**

**DAVID FRUMAN, PHD** ǀ University of California- Irvine  **Host: Pengda Liu**

***“Strategies to target the mTORC1/eIF4F Axis in B-cell malignancies”***

**SEPTEMBER 10**

**EDWARD EGELMAN, PHD** ǀ University of Virginia **Host: Saskia Neher**

***“Cryo-EM of Helical Polymers at Near-Atomic Resolution Yields Many Surprises”***

**SEPTEMBER 17**

**LARISA LITOVCHICK, PHD** ǀ Virginia Commonwealth University **Host: Jean Cook *“Regulation of Cellular Quiescence”***

**SEPTEMBER 24**

**JONATHAN BERG, MD, PHD** ǀ University of North Carolina- CH **Host: Leslie Parise** ***“Advancing the science of clinical variant interpretation using validated functional assays”***

**OCTOBER 1**

**JIMENA GIUDICE, PHD** ǀ University of North Carolina- CH **Host: Saskia Neher**

***“Alternative splicing and membrane trafficking in development and disease”***

**OCTOBER 8**

**GABE LANDER, PHD** ǀ Scripps Research Institute **Host: Rob McGinty *“The highs and lows of cryo-EM and its use in studying molecular machines of mass destruction”***

**OCTOBER 15**

**HEIDI HAMM, PHD** ǀ Vanderbilt University **Host: Judith Bond**

***“Regulation of Exocytosis by inhibitory GPCRs and Gbg subunits”***

**OCTOBER 22 RESEARCH IN PROGRESS SEMINAR**

**KATHRYN GUNN, PHD** ǀ University of North Carolina-CH  **Lab: Neher**

***“Catching a Glimpse of Lipoprotein Lipase”***

**YANGPING XU, PHD** ǀ University of North Carolina-CH  **Lab: Xiong**

***“Tet DNA demethylase promotes antitumor immunity and immunotherapy”***

**OCTOBER 29**

**BING ZHANG, PHD** ǀ Baylor College of Medicine **Host: Xian Chen**

***“Proteogenomics: A New Avenue for Cancer Research”***

**UNC BIOCHEMISTRY & BIOPHYSICS GRADUATE STUDENT INVITED LECTURE**

**NOVEMBER 5**

[**JOSEPH COTRUVO, PHD** ǀ Penn State University](https://www.med.unc.edu/biochem/events/2015-spring-seminars/yates)

***“Selective recognition of lanthanides in biology”***

**NOVEMBER 12 RESEARCH IN PROGRESS SEMINAR**

**WENTAO LI, PHD**  **Lab: Sancar**

***"Mapping the Hotspots and Coldspots of Nucleotide Excision Repair and DNA Damage Formation"* LEIAH CAREY, PHD**  **Lab: Campbell**

***“Structural Characterization of Oncogenic KRAS Q61 Mutants”***

**NOVEMBER 19**

**KATE MEYER, PHD** ǀ Duke University School of Medicine **Host: Bill Marzluff**

***““Detecting RNA methylation and its role in gene expression”***

**DECEMBER 3**

**DANIEL DOMINGUEZ, PHD** ǀ University of North Carolina--CH  **Host: Brian Strahl**

***“RNA Binding and Regulation in Normal and Disease States”***



www.med.unc.edu/biochem/events/2019-fall-seminars