

Baylor College of Medicine
Department of Biochemistry and Molecular Biology
2020 - 2021 Seminar Series

Date	Speaker	Institution	Topic	Host
9/10/2020	Keir Neuman	National Institutes of Health	Homology sensing via non-linear amplification of sequence-dependent pausing by RecQ helicase	Lynn Zechiedrich
9/17/2020	Lisa Jones	University of Maryland	In-cell protein footprinting for proteome-wide structural biology	Nick Young
10/8/2020	Yi Shi	University of Pittsburgh	Next-generation antibody technologies and their biomedical applications	Anna Malovannaya
10/15/2020	Len Neckers	National Institutes of Health	TRAP1 function: Loss of a mitochondrial matrix chaperone re-wires cellular metabolism	Francis Tsai
10/22/2020	Guangwei Du	University of Texas Health	Phosphatidic acid as a lipid signaling molecule	Zheng Zhou
10/29/2020	Wendy Gilbert	Yale University	Phosphatidic acid as a lipid signaling molecule	Tony Mustoe
11/5/2020	Pei Zhou	Duke University	Mission impossible: novel therapeutics targeting undruggable protein interfaces and minor conformational states	Zhao Wang
11/19/2020	Christine Mayr	Sloan Kettering Institute	Regulation of protein functions by 3'UTRs	Tony Mustoe
12/10/2020	Jeremy Wilusz	University of Pennsylvania Perelman School of Medicine	Unexpected mechanisms that control the outputs of many protein-coding genes	Trey Westbrook, THINC
1/28/2021	John Mattick	University of South Wales, Aus	RNA at the epicenter of human development and cognition	Tony Mustoe, Gast Lecture
2/25/2021	Jason Kaelber	Rutgers University	How colicin E1 stoppers the multidrug efflux pump TolC	Francis Tsai
3/11/2021	Stephen Floor	University of California San Francisco	RNA Chaperones Remodel Gene Expression	Eric Van Nostrand
3/18/2021	Demet Araç	University of Chicago	Cellular Communication via Adhesion	Kim Tolias
3/25/2021	Matthew Taliaferro	University of Colorado Anschutz	Understanding the regulatory language of RNA localization	Eric Van Nostrand
4/1/2021	Klaas Martinus Goeth	University of Frankfurt	Antibiotic Resistance: Mechanistic insights into efflux pumps	Zhao Wang
4/8/2021	Michael Zhu	UT Health	Regulatory mechanisms of lysosomal degradation in acute nutrient shortage - new roles of glutamine and MLKL	Zheng Zhou