

# 2018 Fall Journal Club Series

## Department of Cellular Biology & Anatomy

Wednesdays • 12:00 pm • Anatomy Conference Room (8-201)

August 22	Subhasish Dan	<b>The Gut Microbiota Mediates the Anti-Seizure Effects of the Ketogenic Diet.</b> Olson, et.al. <i>Cell</i> . 2018 Jul 12;174(2):497. PMID: 30007420
August 29	Alyson Moll	<b>Extracellular Vesicles Released by Cardiomyocytes in a Doxorubicin-Induced Cardiac Injury Mouse Model Contain Protein Biomarkers of Early Cardiac Injury.</b> Yarana C, et al. <i>Clin Cancer Res</i> . 2018 Apr 1;24(7):1644-1653. PMID: 29070527
September 5	Alexandre Do Couto E Silva	<b>Effects of ischemic post-conditioning on neuronal VEGF regulation and microglial polarization in a rat model of focal cerebral ischemia.</b> Esposito E, et al. <i>J Neurochem</i> . 2018 Mar 23. PMID: 29570780
September 12	Krystle Theriot	<b>Regulation of Cell Cycle to Stimulate Adult Cardiomyocyte Proliferation and Cardiac Regeneration.</b> Mohamed TMA, et al. <i>Cell</i> . 2018 Mar 22;173(1):104-116. PMID: 29502971
September 19	Subhasish Dan	<b>IL-35 (Interleukin-35) Suppresses Endothelial Cell Activation by Inhibiting Mitochondrial Reactive Oxygen Species-Mediated Site-Specific Acetylation of H3K14 (Histone 3 Lysine 14).</b> Li X, et al. <i>Arterioscler Thromb Vasc Biol</i> . 2018 Mar;38(3):599-609. PMID: 29371247
September 26	Alyson Moll	<b>Pseudopodium-enriched atypical kinase 1 mediates angiogenesis by modulating GATA2-dependent VEGFR2 transcription.</b> Wang H, et al. <i>Cell Discov</i> . 2018 May 29;4:26. PMID: 29872538
October 3	Susmita Bhattacharai	<b>DNA polymerase gamma (Poly) deficiency triggers a selective mTORC2 pro-survival autophagy response via mitochondria-mediated ROS signaling.</b> Dhar SK, et al. <i>Oncogene</i> . 2018 Jul 23. PMID: 30038268
October 10	Sudha Sharma	<b>IL-23 (Interleukin-23)-Producing Conventional Dendritic Cells Control the Detrimental IL-17 (Interleukin-17) Response in Stroke.</b> Gelderblom M, et al. <i>Stroke</i> . 2018 Jan;49(1):155-164. PMID: 29212740
October 17	Jiyu Li	<b>Inhibition of ERK-Drp1 signaling and mitochondria fragmentation alleviates IGF-IIR-induced mitochondria dysfunction during heart failure.</b> Huang CY, et al. <i>J Mol Cell Cardiol</i> . 2018 Aug 9. pii: S0022-2828(18)30773-9. PMID: 30098987
October 24	Alexandre Do Couto E Silva	<b>Knockout of mitochondrial voltage-dependent anion channel type 3 increases reactive oxygen species (ROS) levels and alters renal sodium transport.</b> Zou L, et al. <i>J Biol Chem</i> . 2018 Feb 2;293(5):1666-1675. PMID: 29180450
October 31	Shashanka Rao	<b>Astrocytic Lrp4 (Low-Density Lipoprotein Receptor-Related Protein 4) Contributes to Ischemia-Induced Brain Injury by Regulating ATP Release and Adenosine-A<sub>2A</sub>R (Adenosine A<sub>2A</sub> Receptor) Signaling.</b> Ye XC, et al. <i>Stroke</i> . 2018 Jan;49(1):165-174. PMID: 29212737
November 7	Hemangini Dhaibar	<b>Pathogenicity of a Human Laminin <math>\beta</math>2 Mutation Revealed in Models of Alport Syndrome.</b> Funk SD, et al. <i>J Am Soc Nephrol</i> . 2018 Mar;29(3):949-960. PMID: 29263159
November 14	Susmita Bhattacharai	<b>Mitochondrial Fission Promotes the Continued Clearance of Apoptotic Cells by Macrophages.</b> Wang Y, et al. <i>Cell</i> . 2017 Oct 5;171(2):331-345. PMID: 28942921
November 28	Shashanka Rao	<b>An unexpected protein interaction promotes drug resistance in leukemia.</b> Pitre A, et al. <i>Nat Commun</i> . 2017 Nov 16;8(1):1547. PMID: 29146910
December 5	Sudha Sharma	<b>Dynamics of enhanced mitochondrial respiration in female compared with male rat cerebral arteries.</b> Rutkai I, et al. <i>Am J Physiol Heart Circ Physiol</i> . 2015 Nov;309(9):H1490-500. PMID:26276815
December 12	Jiyu Li	<b>Attenuated Superoxide Dismutase 2 Activity Induces Atherosclerotic Plaque Instability During Aging in Hyperlipidemic Mice.</b> Vendrov AE, et al. <i>J Am Heart Assoc</i> . 2017 Oct 27;6(11). PMID: 29079564

