

CATER Seminars Fall 2020

Course Directors: Satdarshan (Paul) Monga, MD and Andrew Duncan, PhD

Course Teaching Format: Lectures

Research Seminar: Regenerative Medicine BIOENG3760 / MSCMP3760

Date	Start	End	Location	Presenter	Host	Topic	Facilitators
Aug. 28 2020	12:00 PM	1:00 PM	Zoom	Nicole Martucci	Ernesto Bedoy	<u>Student Presentation:</u> "Hepatocyte-specific Deletion of Integrin Linked Kinase (ILK) Promotes an Increase in Hepatic Nuclear Phosphoinositide 3-Kinase Delta (PIK3Cδ)"	Drs. Duncan & Monga
Sept. 4, 2020	12:00 PM	1:00 PM	Zoom	Dr. Mo Ebrahimkhani	George Gabriel	<u>Faculty Presentation:</u> "Synthetic morphogenesis of human pluripotent stem cells : The roadmap to integrate synthetic biology with regenerative medicine"	Drs. Duncan & Monga
Sept. 18, 2020	12:00 PM	1:00 PM	Zoom	Dr. Denver Faulk and Dr. Zariel Johnson	Dr. Duncan	<u>Professional Development Presentation:</u> Dr. Denver Faulk- "Life at a Biotech Start-up Company" Dr. Zariel Johnson- "My Path from Research to Digital Health Commercialization."	Drs. Duncan & Monga
Oct. 2, 2020	12:00 PM	1:00 PM	Zoom	Shea Heilman	Alexis Nolfi	<u>Student Presentation:</u> Use of scRNA-seq to characterize developing <i>tet2^{-/-};</i> <i>tet3^{-/-}</i> zebrafish retinas.	Drs. Duncan & Monga
Oct. 16, 2020	12:00 PM	1:00 PM	Zoom	Michelle Drewry	Kien Tran	<u>Student Presentation:</u> "Scaffold-Free Nerve Conduit Engineered using Dental Pulp Stem Cells"	Drs. Duncan & Monga
Oct. 30, 2020	12:00 PM	1:00 PM	Zoom	Marty Haschak	Nicole Martucci	<u>Student Presentation:</u> "Macrophage phenotype and function is dependent upon the composition and biomechanics of the cardiac tissue microenvironment."	Drs. Duncan & Monga
Nov. 20, 2020	12:00 PM	1:00 PM	Zoom	Dr. Samira Kiani	Michelle Drewry	<u>Faculty Presentation:</u> "How CRISPR can reshape our approach to human health and diseases in future."	Drs. Duncan & Monga