

2026 Seminar Schedule (MSBS-5910Q): August 31 – December 07
Monday (4:30 to 5:45 P.M.) This is hybrid class in 2025 MSB-B610 and Zoom
In class attendance is highly encouraged
Course directors: Dr. Ray B. Birge and Dr. Alex Papachristodoulou

Date	Speaker	Department	Title
Aug. 31	Raymond B. Birge, PhD	Microbiology, Biochemistry, and Molecular Genetics, Center for Cell Signaling (CCS)	Introduction to the course/ Innate apoptotic immunity
Sept. 7	No Lecture	No Lecture	Labor Day
Sept. 14	George Yap, PhD	Medicine, Center for Immunity and Inflammation (CII)	Host immune responses to toxoplasma gondi
Sept. 21	Carol Lutz, PhD	Microbiology, Biochemistry, and Molecular Genetics	The biology of non-coding RNA
Sept 28	So-Youn Kim, PhD	Obstetrics, Gynecology and Reproductive Health, CCS	From bench to bedside: Current discoveries and future possibilities in fertility preservation
Oct. 5	Scott Kachlany, PhD	Dental School, Biochemistry	A bacterial toxin as an annt-cancer agent
Oct. 12	Tania Wong, PhD	Microbiology, Biochemistry, and Molecular Genetics, CII	Immunometabolic interaction during infection and pathogen clearance
Oct. 19	Sheldon Lin, MD	Orthopedics	Mechanisms of bone fracture healing in the clinic
Oct. 26	Manny Goldman, PhD	Microbiology, Biochemistry, and Molecular Genetics	Fomites and SARS-Cov2
Nov. 2	Rebecca Kehm, PhD	Columbia University, Mailman School of Public Health	Understanding the rise in early-onset breast cancer: Emerging evidence and opportunities for prevention

Nov. 9	Vijay Yadav, PhD	Pathology, Immunology and Laboratory Science, CCS, CII	Micronutrients in health and disease
Nov. 16	Diego Fraidenraich, PhD	Cell Biology and Molecular Medicine	Connexin and muscular dystrophy-cardiomyopathy therapy
Nov. 23	Veronika Miskolci, PhD	Microbiology, Biochemistry, and Molecular Genetics, CCS, CII	Metabolic regulation of macrophage function and wound healing in zebrafish
Nov. 30	Mark Siracusa, PhD	Medicine, CII	Targeting mast cells in asthma
Dec.7	Alex Papachristodoulou, PhD	Microbiology, Biochemistry, and Molecular Genetics, CCS, CII, Rutgers Cancer Institute	Course conclusion/ Mitochondrial dysfunction in prostate cancer progression and treatment