Department of Biological Sciences Inga Richter Fall2022 Seminar Series

In memory of a former doctoral student Inga R. Richter. Inga was dedicated to her students and profession. She felt that her teaching responsibilities did not stop in the classroom; they stopped when her students understood. All seminars except the ones marked with * are held on Zoom at 12:30PM. The in-person seminars are held in Room 926 North (69th Street between Park and Lexington)

Click on the seminar title for a flyer with more information on the talk

Mon. 29-Aug  
Cytotoxic ion channel formation by human apolipoprotein L-I (APOL1)  
Dr. Russell Thomson  
Hunter Biology  
Host: Jayne Rape

Mon. 12-Sep  
Discovering molecular mechanisms of proteins with new computational approaches to the study of their dynamics and allosteric pathways underlying their function  
Dr. Ekaterina Kots  
Weill Cornell Medicine  
Host: Hualin Zhong

Mon. 19-Sep-Canceled  
Defined Bacterial Consortia, a Novel Approach to Tackle Clostridioides difficile
Infection
Dr. Silvia Caballero
Vedanta Biosciences
Host: Shirley Raps

*Thurs. September 29
Microbiological studies of hypereutrophic and dead zone ecosystems
Dr. Elias Broman
Stockholm University
Host: Mitch Goldfarb

Mon. Oct 3
Gut Bacteroides cause severe malaria
Dr. Rabindra Mandal
Indiana University
Host: Mitch Goldfarb

Mon. 17-Oct
Investigating antigen-independent behavior of CD8+ T cells on HIV-infected CD4+ T cells
Dr. Talia M Mota
Weill Cornell Medicine
Host: Hualin Zhong
Mon. 24-Oct *In-person seminar, HN926

**How Gram positive bacteria monitor their cell walls for defects and catalyze their repair**

Dr. David Rudner
Harvard Medical School
Host: Shirley Raps

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Mon. 31-Oct

**Gene Therapy Approach Using Synthetic Anc80L65 Viral Vector Harboring Acid Ceramidase Gene for Treatment of Senescence Driven Diseases**

Dr. Efrat Eliyahu
Department of Genetics and Genomic Sciences, Icahn School of Medicine
Host: Mitch Goldfarb

Zoom Link:
https://us02web.zoom.us/j/87448548764?pwd=WUJvTIAvRS9Zb3g4N0x6RG1QeEVqdz09

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Mon. 7-Nov

**NYU Vaccine Center: Responding with Research**

Dr. Marie Samanovic
NYU Langone Vaccine Center, Department of Medicine
Host: Jayne Raper

Zoom Link:  https://baruch.zoom.us/j/7521403154
Mon. 14-Nov
Integrative analysis of the m6A readers; uncovering how m6A regulates mRNA fate
Dr. Sara Zaccara
Weill Medical College/Columbia Univ
Host: Hualin Zhong

Zoom Link:

Mon. 21-Nov
Developing a soluble adenylate cyclase inhibitor into an on demand male contraceptive
Dr. Melanie Balbach
Weill Cornell Medicine
Host: Hualin Zhong

Zoom Link:

Mon. 28-Nov
Mycobiota interactions: sensing intestinal fungi regulates both local and systemic immunity
Dr. Xin V. Li
Weill Cornell Medicine
Host: Hualin Zhong
Mon. 5-Dec  
Axo-glial interactions between midbrain dopamine axons and oligodendrocyte lineage cells and their implications for experience-dependent myelination 
Dr. Leora Yetnikoff  
CSI  
Host: Katya Likhtik

Mon. 12-Dec  
My Cold Storage Journey and Lab Sustainability  
Allison Hunter  
Imperial College London  
Host: Carmen Melendez-Vasquez