



5th Annual Scholars in BioMedical Sciences Symposium
Thursday, June 7th, 2018

PROGRAM

Program in the Pharmacology Seminar Room, BST 8-180

8:30 AM

Breakfast

9:15 AM

Opening Remarks

9:30 AM

TRAINEE PRESENTATIONS

- 9:30 AM –

- Moises Guardado, Genetics

PI: Dr. Paul Bingham

Clinical Mentor: Dr. Juan Carlos Bucobo

“Establishing the effects of a novel anti-tumor metabolism drug on oncogenic signals in pancreatic ductal adenocarcinoma”

- 9:45 AM –

- Xiaofei ‘Sophia’ Li, Biomedical Engineering

PI: Dr. Yi-Xian Qin,

Clinical Mentor: Dr. Marie Gelato

“Mitigation of articular cartilage degeneration and subchondral bone sclerosis in osteoarthritis progression using low-intensity acoustic radiation force”

- 10:00 AM –

- Erika Orner, Microbiology

PI, Clinical: Dr. Bettina Fries

Basic Science Mentor: Dr. Gabor Balaszi

“Microfluidics to Measure Age-Dependent Resilience of Cryptococcus neoformans During Infection”

- 10:15 AM –

- Chaundhry 'Raza' Hassan, Biomedical Engineering
PI: Dr. Yi-Xian Qin
Clinical Mentor: Dr. Jim Penna

“Decompressive Proximal Fibula Osteotomy Alters Contact Pressure and Area in the Medial Compartment of Knee Joint”

- 10:30 AM –
 - Jenny Paredes, SUNY Downstate
PI: Dr. Dr. Laura Martello-Rooney/Dr. Jennie Williams
Clinical Mentor: Iuliana Shapira

“Inflammatory Patterns in Colon Cancer African American Patients”

- 10:45 AM –
 - Michael Caponegro, Pharmacology
PI: Dr. Stella Tsirka
Clinical Mentor: Dr. Agnes Kowalska

“Microglia/Macrophage Specific Expression of Neuropilin-1 in Human Glioblastoma”

11:30AM **Guest Lecture by Dr. Dr. Bettina Fries, MD, FIDSA**
Professor of Medicine, Molecular Genetics and Microbiology
Chief, Division of Infectious Diseases
Stony Brook Medicine

“From Bench to Bedside: mAbs targeting the polysaccharide capsule of Carbapenem resistant Klebsiella pneumonia”

Introduction by SBMS Trainee, Erika Orner
-HSC Lecture Hall 5

1:00 PM ***Lunch with Trainees and Selected Students***
-Pharmacology Executive Conference Room, BST 8-181
closed to the public