



# Biomedical Science & Engineering



## Fall 2019 Seminar Series

### Jen Payne , PhD

Research Fellow, Biochemistry and Molecular Biology, Monash University

Superbugs- taking away their invisibility cloaks

CNY  
September 6  
Friday 3:00 PM

### Jason Acker, PhD

Professor, Laboratory Medicine and Pathology, University of Alberta

Ice Recrystallization Inhibitors and Cryoinjury: A New Approach to an Old Problem

SBH  
September 13  
Friday 10:00 AM

### Irene Georgakoudi, PhD

Professor, Biomedical Engineering, Tufts University

Label-free, morpho-functional, high resolution tissue imaging for cancer diagnosis

SBH  
September 20  
Friday 10:00 AM

### Juan Melero-Martin, PhD

Associate Professor, Harvard Medical School

Bioengineering human vascular networks in vivo with pluripotent stem cell-derived endothelial cells

SBH  
October 4  
Friday 10:00 AM

### Ioannis Androulakis, PhD

Professor, Biomedical Engineering, Rutgers University

Making and breaking our body's internal clock

SBH  
October 18  
Friday 10:00 AM

### Sankha Bhowmick, PhD

Professor, Mechanical Engineering, University of Massachusetts at Dartmouth

Electrospinning submicron and micron fibers for modulating tissue architecture and tailored drug delivery

CNY  
October 18  
Friday 3:00 PM

### Harikrishnan Parameswaran, PhD

Assistant Professor, Bioengineering, Northeastern University

Intercellular communication controls agonist-induced calcium oscillations independently of gap junctions in smooth muscle cells

SBH  
November 1  
Friday 10:00 AM

### Mary Dunlop, PhD

Associate Professor, Bioengineering, Boston University

Dynamics, Feedback, and Transient Antibiotic Resistance in Single Cells

CNY  
November 8  
Friday 3:00 PM

### Heather Clark, PhD

Professor, Bioengineering, Northeastern University

Building an Imaging Toolbox: Nanosensors for Neurotransmitter Detection in the Brain and PNS

SBH  
November 15  
Friday 10:00 AM

### Kate Jeffrey, PhD

Assistant Professor, Medicine, Harvard Medical School, MGH

Epigenetic Control of Innate Immunity

CNY  
November 22  
Friday 3:00 PM

### Eno Ebong, PhD

Associate Professor, Bioengineering, Northeastern University

Role of mechanobiology and mechanotransduction in atherosclerosis and cancer

CNY  
December 6  
Friday 3:00 PM

### Ara Nazarian, PhD

Associate Professor, Orthopedic Surgery, Harvard Medical School

A Path Towards Incorporation of Therapeutics to Accelerate Fracture Healing

SBH  
December 13  
Friday 10:00 AM

### George F. Murphy, PhD

Professor, Pathology, HMS – Director, Dermatopathology, BWH

Bulges, ridges, and niches: Making skin stem cells feel at home

SBH  
December 20  
Friday 10:00 AM

### Locations;

SBH: Shriners Hospital, 51 Blossom St, Boston, 4th Floor Conference Room