11:00-11:10  Welcome  
Jon Epstein, MD, Executive Vice Dean and Chief Scientific Officer, Perelman School of Medicine  
E. John Wherry, PhD, Director, Institute for Immunology

**Session 1**  
Chair: Andy Vaughan, PhD

11:10-11:40  Shruti Naik, PhD (NYU Langone)  
*Eavesdropping on the conversation between immune cells and epithelia during tissue repair*

11:40-12:00  Andrew Vaughan, PhD (University of Pennsylvania)  
*Tuft cells and lung remodeling after viral pneumonia*

12:00-12:25  Sina Bartfeld, PhD (University of Würzburg)  
*Infection, innate immune signaling and cancer in the gut - organoids as model*

12:25-12:50  Joo-Hyeon Lee, PhD (University of Cambridge)  
*Inflammation shapes lung regeneration*

12:50-1:00  Lightning talks from trainees

1:00-2:00  Lunch Break

**Session 2**  
Chair: Jorge Henao-Mejia, MD, PhD

2:00-2:20  Allie Greenplate, PhD (University of Pennsylvania)  
*Immune Health: tracking coordinated systems to direct patient care*

2:20-2:40  Kara Spiller, PhD (Drexel University)  
*Immunomodulatory biomaterials in regenerative medicine*

2:40-3:05  Anne Brunet, PhD (Stanford University)  
*Mechanisms of stem cell aging*

3:05-3:15  Break

**Session 3**  
Chair: Kate Hamilton, PhD

3:15-3:35  Rumela Chakrabarti, PhD (University of Pennsylvania)  
*Nurturing role of macrophages in mammary gland development*

3:35-4:00  Peter Currie, PhD (Monash University)  
*The role of a transient macrophage stem cell niche during skeletal muscle repair*

4:00  Closing Remarks  
Chris Lengner, PhD, IRM Associate Director