



## 2024 VCSCB Symposium - May 16, 2024

### Wilson Hall and Lobby

8:30 am Badge Pick-Up/Continental Breakfast – Wilson Hall Lobby

9:00 Welcome and Introductions

**Ethan Lippmann, Ph.D., Vivian Gama, Ph.D., & Jonathan Brunger, Ph.D.**

#### Session 1 (moderated by Jonathan Brunger)

9:10 **Marjan Rafat, Ph.D.**

*“Studying tumor and immune cell interactions in a mammary tissue damage model”*

9:50 **Greg Konar**

*“Characterizing the Senescence-Inflammatory Interface during Zebrafish Retina Regeneration”*

10:15 Coffee Break

#### **Keynote Speaker**

10:30 **Martin Kampmann, Ph.D.** (Introductions by Ethan Lippmann)

*“Combining iPSC models with CRISPR-based functional genomics to elucidate neurodegeneration”*

11:30 Box Lunch/Posters - Wilson Hall Lobby

#### Session 2 (moderated by Elma Zaganjor, Ph.D.)

1:00 pm **Jeffrey Spraggins, Ph.D.**

*“From Molecules to Maps: Building Human Tissue Atlases with Multimodal Imaging Mass Spectrometry”*

1:40 **Mirazul Islam**

*“Identifying an embryonic revival stem cell population in the intestine through developmental history recording”*

2:15 Coffee Break

#### Session 3 (moderated by Lauren Woodard, Ph.D.)

2:30 **Alexander Bick, M.D., Ph.D.**

*“Single-cell approaches to understand clonal hematopoiesis”*

3:10 **Catherine Hamann**  
*“Synthetic Morphogenesis to Pattern Early Brain and Central Nervous System Development”*

3:35 Coffee Break

**Keynote Speaker**

4:00 **Sally Temple, Ph.D.** (*Introductions by Vivian Gama*)  
*“Using iPSC-derived brain organoids with MAPT mutation to model tauopathies”*

5:00 Closing Remarks - **Mark Magnuson, M.D.**