

# Institute for Basic Biomedical Sciences

## 21<sup>st</sup> Anniversary Symposium

This year marks 21 years since the [Institute for Basic Biomedical Sciences](#) (IBBS) was formed at the Johns Hopkins University School of Medicine. IBBS supports and leverages resources across 9 basic science departments, including 140 faculty. Join us to hear presentations from scientists in each of the 9 basic science departments.

Thurs., Nov. 10, 2022  
9 a.m. – 4:30 p.m.  
Mountcastle Auditorium  
Preclinical Teaching Bldg.

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| 9:00 – 9:10   | <b>Welcome and Remarks</b><br><b>Landon King, M.D.</b> ,<br>Executive Vice Dean<br>Johns Hopkins University School of Medicine  |
| 9:10 – 9:20   | <b>Remarks</b><br><b>Ron Daniels</b><br>President, The Johns Hopkins University   |
| 9:20 – 9:30   | <b>Remarks</b><br><b>James Berger, Ph.D.</b><br>Michael and Ann Hankin and Partners of Brown Advisory Professor<br>in Scientific Innovation<br>Professor of Biophysics and Biophysical Chemistry<br>Director of the Institute for Basic Biomedical Sciences<br>Johns Hopkins University School of Medicine                  |
| 9:30 – 9:45   | <b>Tom Kelly M.D., Ph.D.</b><br>Benno C. Schmidt Chair of Cancer Research, Memorial Sloan<br>Kettering Cancer Center<br>Professor Emeritus, Department of Molecular Biology and<br>Genetics, Johns Hopkins University School of Medicine<br>Former Director of the Johns Hopkins Institute for Basic Biomedical<br>Sciences |
| 9:45– 10:00   | <b>Stephen Desiderio M.D., Ph.D.</b><br>Professor Emeritus, Department of Molecular Biology and<br>Genetics, Johns Hopkins University School of Medicine<br>Former Director of the Johns Hopkins Institute for Basic Biomedical<br>Sciences   |
| 10:00 – 10:45 | <b>Break</b>  |

- 10:45 – 11:05**      **“Social Isolation Increases Reward-Seeking Behavior in a Sex-Specific Manner in Mice”**  
**Greg Carr, Ph.D.**, Assistant Professor, Pharmacology and Molecular Sciences, Johns Hopkins University School of Medicine
- 11:05 – 11:25**      **“Gut Microbiome, the Kidney, and Blood Pressure Control”**  
**Jennifer Pluznick, Ph.D.**, Associate Professor of Physiology, Johns Hopkins University School of Medicine
- 11:25 – 11:45**      **“Stress Activated Protein Kinases Drive Whole Genome Duplication through Mitotic Bypass”**  
**Sergi Regot, M.S., Ph.D.**, Associate Professor of Molecular Biology and Genetics, Johns Hopkins University School of Medicine
- 11:45 – 12:45**      **Break**
- 12:45 – 1:05**      **“Disentangling the Effects of HIV, Antiretroviral Therapy, and Substance Use on the Brain”**  
**Dionna Williams, Ph.D.**, Assistant Professor of Molecular and Comparative Pathobiology, Johns Hopkins University School of Medicine
- 1:05 – 1:25**      **“Peroxisomes, a New Player in Bacterial Pathogenesis”**  
**Tamara O’Connor, Ph.D.**, Assistant Professor of Biological Chemistry, Johns Hopkins University School of Medicine
- 1:25 – 1:45**      **“Spatial and Temporal Control of Synaptic Transmission”**  
**Shigeki Watanabe, Ph.D.**, Associate Professor of Cell Biology, Johns Hopkins University School of Medicine
- 1:45 - 2:05**      **Break**
- 2:05 - 2:25**      **Reopening Critical Periods with Psychedelics”**  
**Gul Dolen, M.D., Ph.D.**, Associate Professor of Neuroscience, Johns Hopkins University School of Medicine
- 2:25– 2:45**      **“Visualize Translation Dynamics of Single mRNAs in Live Cells”**  
**Bin Wu, Ph.D.**, Assistant Professor of Biophysics and Biophysical Chemistry, Johns Hopkins University School of Medicine
- 2:45- 3:05**      **“Computational Analysis in Spatially Resolved Transcriptomics”**  
**Jean Fan, Ph.D.**, Assistant Professor of Biomedical Engineering, Johns Hopkins University
- 3:05-3:10**      **Closing**  
**James Berger, Ph.D.**

3:10-4:30

Reception