

**33rd ANNUAL GENETICS DAY**  
Monday, May 16th, 2022  
9:30 a.m. – 4:30 p.m.  
Class of '62 Auditorium & Sarah Flaum Atrium

**9:30 – 9:40 a.m.**  
**Michael Welte, Ph.D.**  
Department of Biology  
*Welcome*

**9:40 – 10:05 a.m.**  
**Sina Ghaemmaghani, Ph.D.**  
Department of Biology

*“The influence of the ribosome on co-translational protein folding”*

**10:05 – 10:30 a.m.**  
**Anne Meyer, Ph.D.**  
Department of Biology

*“Opticoli: Self-assembled bacterial microlenses for optical applications”*

**10:30 – 10:45 a.m.**  
**Fabio Hecht Castro Medeiros, Ph.D.**  
Postdoc, Department of Biomedical Genetics

*“Extracellular glutathione catabolism as an alternative cyst(e)ine source in cancer”*

**10:45 – 11:00 a.m.**  
**Frances Tolibzoda Zakusilo**  
Graduate Student, Department of Biology, NGP

*“Comparative study of oxidative stress resistance in naked mole rat, mouse, degu, and human astroglia”*

**11:00 – 11:30 a.m.**  
*Coffee Break*

**11:30 – 11:55 a.m.**  
**Ruth Serra-Moreno, Ph.D.**  
Department of Microbiology and Immunology

*“How does SARS-CoV-2 generate replication organelles?”*

**11:55 a.m. – 12:20 p.m.**  
**Thu Le, M.D.**  
Department of Medicine

*“GSTM1 in kidney disease: from the bench to the clinic and dining table”*

**12:30 – 2:30 p.m.**  
*Poster Session, Flaum Atrium*

**3:00 – 4:00 p.m.**  
**19th Annual Fred Sherman Lecture**  
Introduction by **Dirk Bohmann**, Department of Biomedical Genetics  
Featuring: **Peter Walter, Ph.D.**  
SVP & Institute Director, Altos Labs - Bay Area Institute of Science  
Distinguished Professor Emeritus  
University of California, San Francisco  
Department of Biochemistry & Biophysics

*“Targeting the Cell’s Stress Pathways for Therapeutic Benefit”*

**4:15 p.m.**  
*Poster Award Ceremony*