

**36<sup>th</sup> ANNUAL  
RICHARD LERNER  
FRONTIERS IN CHEMISTRY  
SYMPOSIUM**

**Friday, February 7, 2025  
1:00 PM - 5:30 PM**

**Scripps Research Auditorium**  
10620 John Jay Hopkins Drive, San Diego, CA

## SPONSORS



Waters



# PROGRAM

**1:00 - 1:10 pm - Welcome Remarks by Professor Reza Ghadiri**

**1:10 - 2:05 pm - Introduction by Professor Ben Cravatt**

**BONNIE BASSLER**

Squibb Professor and Chair, HHMI Investigator  
Department of Molecular Biology  
Princeton University

*Quorum Sensing Across Domains: From Viruses  
to Bacteria to Eukaryotes*



**2:05 - 3:00 pm - Introduction by Professor Phil Baran**

**MARTIN EASTGATE**

Executive Director, Portfolio Chemistry  
Bristol Myers Squibb

*Innovation in the Synthesis of Complex  
Pharmaceuticals*



**3:00 - 3:30 pm - Break**

**3:30 - 4:25 pm - Introduction by Professor Keary Engle**

**DANNA FREEDMAN**

F. G. Keyes Professor of Chemistry  
Massachusetts Institute of Technology

*Chemistry for the Second Quantum Revolution*



**4:25 - 5:20 pm - Introduction by CEO & Professor Pete Schultz**

**JASON W. CHIN**

Professor  
MRC Laboratory of Molecular Biology  
University of Cambridge

*Reprogramming the Genetic Code*



**5:20 - 5:30 pm - Closing Remarks by Professor Jeff Kelly**

The objective of our Symposium is to provide an experience and opportunity for our graduate students, postdoctoral fellows, faculty, and neighboring scientists to hear from and meet some of the best scientists in the world. The invited distinguished speakers present research covering diverse topics within the molecular sciences.

The annual tradition of this event began with the establishment of the Department of Chemistry at Scripps Research with the inaugural event held in 1990.

Over the years, we have hosted 134 lectures by 121 different distinguished scientists from all over the world whose renowned work is of great interest to the scientific community at Scripps Research and our neighbors. Among these speakers, we have had an impressive 14 Nobel Laureates.

Our Annual Symposium is held at the Scripps Research Auditorium, part of an architecturally renowned complex on our La Jolla, California, campus located on the Torrey Pines Mesa. Many biotech and pharmaceutical companies from across the globe enjoy participating via both sponsorship of and attendance at the event.