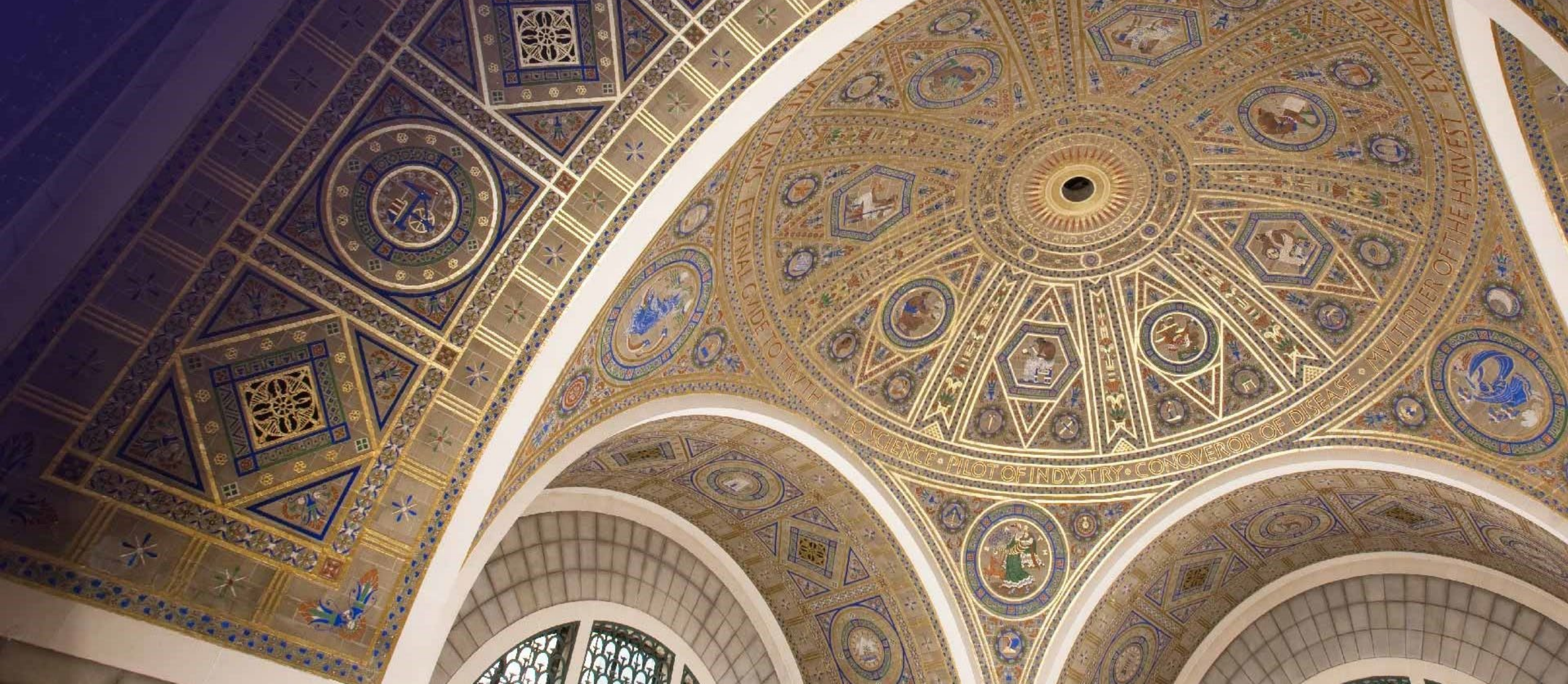


NATIONAL
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Advancing Drug Discovery: a Webinar Series of the National Academies



Background

- **The Board on International Scientific Organizations (BISO)** is hosting this activity in collaboration with another National Academies' unit, **the Board on Chemical Sciences and Technology (BCST)**
- BISO's mission is to **strengthen science for the benefit of society** through U.S. leadership, collaboration, and representation in international scientific organizations and programs
- We work with the **International Science Council (ISC)**, the largest scientific entity in the world **and 18 international scientific organizations** of the ISC
- **U.S. National Committee for Crystallography** came out with the idea for this initiative, and is collaborating with the U.S. National Committee for the International Union of Pure and Applied **Chemistry**, and the U.S. National Committee for **CODATA**

Understanding the U.S. Role in the International Scientific Unions

THE NAS & BISO CONNECT YOU TO GLOBAL SCIENCE

ASTRONOMY
BIOLOGY
CHEMISTRY
CRYSTALLOGRAPHY
DATA SCIENCE
GEODESY & GEOPHYSICS
GEOLOGY
MATHEMATICS
MATH INSTRUCTION
MECHANICS
OPTICS
PACIFIC SCIENCE
PHYSICS
PSYCHOLOGY
QUATERNARY RESEARCH
RADIO SCIENCE
SOIL SCIENCE
SOLAR TERRESTRIAL PHYSICS



HERE'S HOW YOU CAN GET INVOLVED:

EARLY CAREER SCIENTISTS

- Travel Awards
- Workshops & Symposia
- Young Observer Programs
- Student Paper Competitions
- Summer Schools
- Mentoring

MID/SENIOR CAREER SCIENTISTS

- Travel Awards
- Workshops & Symposia
- U.S. National Committee Membership
- Union Science & Governance
- Mentoring
- Awards & Prizes

POLICYMAKERS

- Policy Advice
- Technical Advice
- Access to International Scientific Networks
- Co-design Opportunities

CONTACT THE BOARD ON INTERNATIONAL SCIENTIFIC ORGANIZATIONS (BISO)

Web: www.nas.edu/biso | Tel: 202-334-2807 | E-mail: biso@nas.edu

Advancing Drug Discovery

- Structure-based drug discovery is a highly **multidisciplinary process** requiring scientists with a wide variety of areas of expertise
- The overarching goal is to **expose the next generation of scientists to avenues that enable discovery and elaboration of leads as a pathway for accelerating drug design**

Goals of the Webinar Series

1. Foster **cross-disciplinary communication** within drug discovery teams
2. **Facilitate interactions** between diverse organizations and **stakeholders** (e.g., industry, academia, government, non-profits, etc.)
3. Highlight the many **career opportunities in drug discovery**

The Planning Committee



Dr. Vilmalí López-Mejías
Senior Principal Scientist
Amgen Inc.



Dr. Sarah Bowman
Director of the HTX Center
**Hauptman-Woodward
Institute**



Dr. Leah Frye
Owner
LLFrye Consulting



Dr. Ana Ferreras
Sr. Program Officer
National Academies

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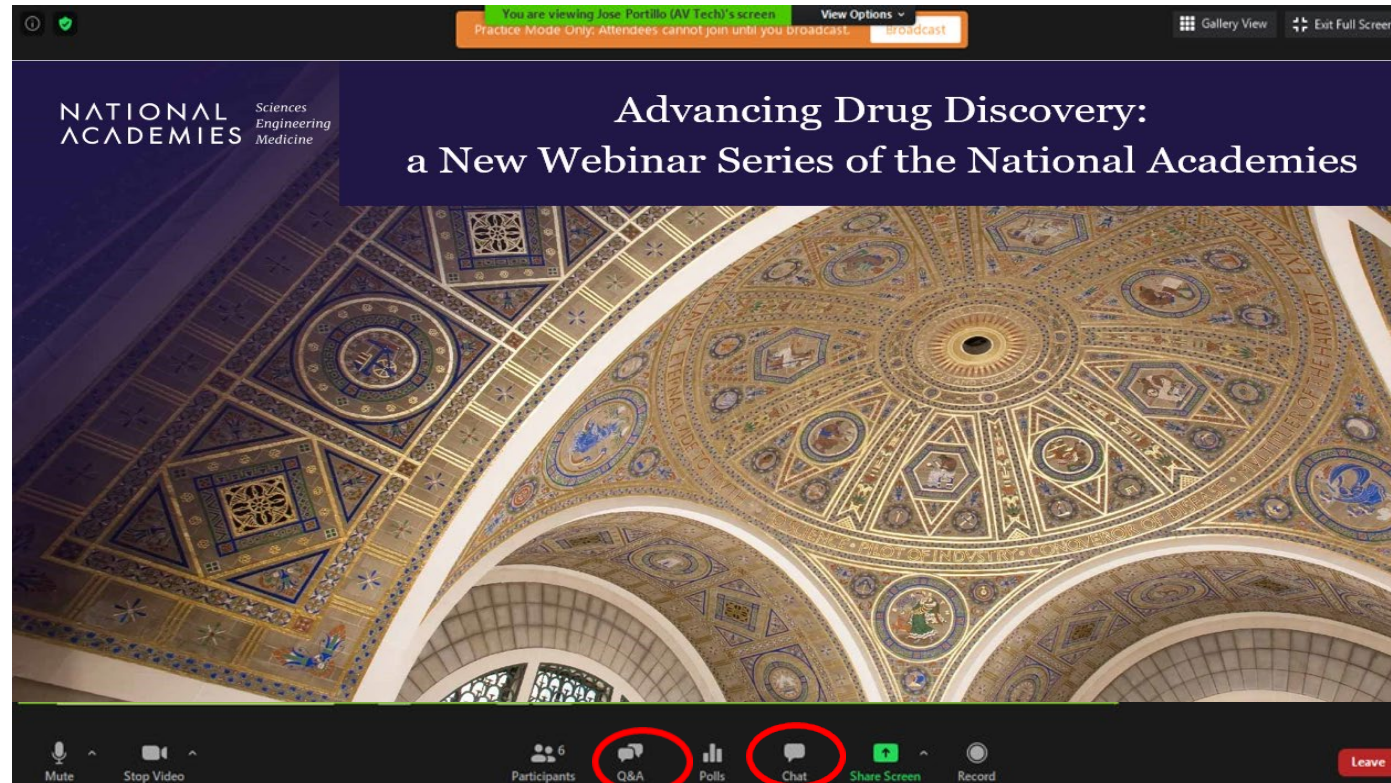


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please contact Ana Ferreras at aferrerasfiel@nas.edu

Q&A



Use Q&A for questions
to speakers

Use Chat for chatting
with attendees

Today's Moderator



Elaine R. Mardis, PhD, FAACR

The Steve and Cindy Rasmussen
Nationwide Foundation **Endowed Chair**
in Genomic Medicine

Co-Executive Director,
The Steve and Cindy Rasmussen
Institute for Genomic Medicine
at Nationwide Children's Hospital

**Professor of Pediatrics and
Neurosurgery,**
The Ohio State University College of
Medicine

Today's Speaker



— **Precision Medicine: An Innovative Approach to Treating Cancer**

Dr. Gordon Mills
Director, Precision Oncology
Knight Cancer Institute

Q&A

Dr. Gordon Mills



Next Webinars



— AI in Drug Design

Part I – March 26

Part II – April 23

Marinka Zitnik

Harvard Biomedical Informatics
Broad Institute of MIT and Harvard
Harvard Data Science

Thanks for Joining Us!

Today's webinar has been recorded and will be posted in the website in a week

Please fill out the survey

&

We hope to see many of you in March!