



<b>Day 1:</b>	<b>Monday, April 25, 2022</b>
<b>9:00-9:15 am</b>	<b>Day 1 Introduction and Welcome</b> <a href="#">Joseph Wu, M.D., Ph.D.</a> Director, Stanford Cardiovascular Institute Simon H. Stertzler, M.D., Professor of Medicine and Radiology  <a href="#">Lloyd Minor, M.D.</a> Dean, Stanford School of Medicine  <a href="#">Marc Tessier-Lavigne, Ph.D.</a> President, Stanford University
<b>Session I: 9:15-9:55 am</b>	<b>Presentation of Lifetime Achievement Award</b> <b>Moderator: Randy Schekman, Ph.D.</b> <b>Co-Moderator: Joseph C. Wu, M.D., Ph.D.</b> Introduction of Katalin Karikó, Ph.D. <a href="#">Randy Schekman, Ph.D.</a> Professor of Molecular and Cell Biology, University of California, Berkeley; 2013 Nobel Laureate  <b>Awardee Lecture: <a href="#">Katalin Karikó, Ph.D.</a></b> Senior Vice President, BioNTech <i>Developing mRNA for therapy</i>  Q&A
<b>9:55-10:05 am</b>	<b>Break</b>
<b>Session II: 10:05-11:20 am</b>	<b>Research Development I</b> <b>Moderator: Myrtle Davis, D.V.M., Ph.D.</b> <b>Co-Moderator: Mark Mercola, Ph.D.</b> <a href="#">Claude Bertrand, Ph.D.</a> Executive Vice President R&D, Chief Scientific Officer, Servier <i>Servier: A New Paradigm for R&amp;D through a significant Transformation Journey</i>  <a href="#">Dean Li, M.D., Ph.D.</a> Executive VP and President of Merck Research Laboratories <i>The Balance of Computing Power and Human Intelligence</i>  <a href="#">Ray Deshaies, Ph.D.</a> Senior Vice President, Global Research, Amgen <i>Multispecific Molecular Medicines</i>  <a href="#">Carlos O. Garner, Ph.D.</a> Vice President, Global Regulatory Affairs, Eli Lilly and Company <i>How COVID Will Reshape Clinical Research</i>  Panel Discussion
<b>Session III: 11:20-12:20 pm</b>	<b>Patent Law</b> <b>Moderator: Karin Immergluck, Ph.D.</b>





**Co-Moderator: Kuldev Singh, M.D.**

Madhuri Roy, J.D., Ph.D.

Partner, Patent Counseling & Prosecution, Cooley  
*Getting your IP House In Order*

Vern Norviel, J.D.

Partner, Patents and Innovations, Wilson Sonsini  
*Drug Label Patent Extension*

Hogene Choi, J.D.

Partner, Morrison & Foerster  
*Strategies for Protecting Software Innovation in Drug Discovery*  
Panel Discussion

12:20-12:45 pm

**Break**

**Session IV:**

12:45-2:05 pm

**Public Policy**

**Moderator: Steven Artandi, M.D., Ph.D.**

**Co-Moderator: Mark Mercola, Ph.D.**

Michelle McMurry-Heath, M.D.

President & Chief Executive Officer, Biotechnology Innovation  
Organization

*The Distribution of Scientific Progress: The Social Justice Issue of our  
Age*

Gary Gibbons, M.D.

Director, NHLBI

*Accelerating the Cycle of Innovation for Drug Discovery to Prevent and  
Preempt Chronic Disease*

Jacqueline Corrigan-Curay, J.D., M.D.

Principal Deputy Center Director, FDA, CDER

*Evidence Generation – Enhancing Access and Equity*

Maria Millan, M.D.

President and Chief Executive Officer, CIRM

*CIRM: Building California's Public-Private Partnerships to Accelerate the  
Development of Cell and Gene Therapies*

Panel Discussion

2:05-2:10 pm

**Break**

**Session V:**

2:10-3:20 pm

**Research Development II**

**Moderator: Sandra Horning, M.D.**

**Co-Moderator: Sanjay Malhotra, Ph.D.**

Alfred Sandrock, M.D., Ph.D.

CEO, Voyager Therapeutics

*The Discovery and Development of Aducanumab for Alzheimer's Disease*





# SDDS 2022 6<sup>th</sup> Annual Stanford Drug Discovery Symposium

Stanford Drug Discovery Symposium

[Lisa Coussens, Ph.D.](#)

President, American Association of Cancer Research; Associate Director for Basic Research, Knight Cancer Institute, Oregon Health & Science University

*Neutralizing Protumor Inflammation: Lessons Learned from Preclinical Mouse Models*

[Randy Schekman, Ph.D.](#)

Professor of Molecular and Cell Biology, University of California, Berkeley; 2013 Nobel Laureate

*Engineering a Membrane-Mediated Delivery of Genome Editing Functions*

Panel Discussion

**3:20-3:25 pm**

## **Closing Remarks**

[Joseph Wu, M.D., Ph.D.](#)

Director, Stanford Cardiovascular Institute

Simon H. Stertzer, M.D., Professor of Medicine and Radiology

**Day 2:**

**Tuesday, April 26, 2022**

**9:00-9:05 am**

## **Day 2 Introduction and Welcome**

[Joseph Wu, M.D., Ph.D.](#)

Director, Stanford Cardiovascular Institute

Simon H. Stertzer, M.D., Professor of Medicine and Radiology

**Session VI:**

**9:05-10:10 am**

## **Research Development III**

**Moderator: Kathleen Giacomini, Ph.D.**

**Co-Moderator: Kuldev Singh, M.D.**

[Aida Habtezion, M.D.](#)

Chief Medical Officer and Head of Worldwide Medical & Safety, Pfizer  
*Translating Lessons from the Covid-19 Programs*

[Mathai Mammen, M.D., Ph.D.](#)

Executive Vice President, Pharmaceuticals, R&D, Johnson & Johnson  
*Raising the Bar for Innovation*

[Peter Marks, M.D., Ph.D.](#)

Director, Center for Biologics Evaluation and Research, U.S. FDA

*Facilitating the Development and Manufacturing of COVID-19 Vaccines*

Panel Discussion

**10:10-10:20 am**

## **Break**

**Session VII:**

**10:20-10:50 am**

## **Fireside Chat with Katalin Karikó, Ph.D.**

**Moderator: Dean Lloyd Minor, M.D.**

**Co-Moderator: Sanjay Malhotra, Ph.D.**

[Katalin Karikó, Ph.D.](#)

Senior Vice President, BioNTech

[Lloyd Minor, M.D.](#)



**SDDS 2022**

Stanford Drug Discovery Symposium

**Stanford**   
Cardiovascular Institute



Dean, Stanford School of Medicine

**Session VIII:  
10:50-12:10 pm**

## **Investing in Discovery**

**Moderator: Amy L. Chang, M.S.E.E.**

**Co-Moderator: Sanjay Malhotra, Ph.D.**

[Joe Jimenez, M.B.A.](#)

Co-Founder and Managing Director, Aditum Ventures

*The Evolving Role of Venture Capital in the Pharma Ecosystem*

[David Goel](#)

Founder & Managing General Partner, Matrix Capital Management

*The Convergence of Technology and the Life Sciences*

[Jonathan MacQuitty, Ph.D.](#)

Sector Head for Life Sciences, Lightspeed Ventures

*A New Approach to Healthcare Investing*

[Margarita Chavez, J.D.](#)

Managing Director, AbbVie Ventures

Panel Discussion

**12:10-12:40 pm**

**Break**

**Session IX:  
12:40-1:40 pm**

## **Artificial Intelligence Technologies**

**Moderator: James Zou, Ph.D.**

**Co-Moderator: Mark Mercola, Ph.D.**

[Christopher Gibson, Ph.D.](#)

Co-Founder, Chief Executive Officer, Recursion

*Mapping and Navigating Biology at Scale*

[Daphne Koller, Ph.D.](#)

Founder & Chief Executive Officer, Insitro

*Transforming Drug Discovery using Digital Biology*

[Karen Akinsanya, Ph.D.](#)

President, R&D Therapeutics, Schrödinger

*Transitioning from Computer-aided and Empirical Drug Discovery to Computer-driven and Structure-based Drug Discovery*

Panel Discussion

**1:40-1:50 pm**

**Break**

**Session X:  
1:50-3:05 pm**

## **Research Development IV**

**Moderator: Peter Kim, Ph.D.**

**Co-Moderator: Kuldev Singh, M.D.**

[Andrew Plump, M.D., Ph.D.](#)

President, Research & Development, Takeda Pharmaceutical

*Creating a Patient-Driven, Science-First R&D Organization*





# SDDS 2022 6<sup>th</sup> Annual Stanford Drug Discovery Symposium

Stanford Drug Discovery Symposium

[Aviv Regev, Ph.D.](#)

Executive Vice President, Research and Early Development, Genentech  
*Multiplicative Levers for Drug Discovery and Early Development*

[James Bradner, M.D.](#)

President, Novartis Institutes of BioMedical Research  
*New Paradigms in Therapeutics*

[Merdad Parsey, M.D., Ph.D.](#)

Chief Medical Officer, Gilead  
*Development of Treatments for the Globe: from HIV to COVID-19*

Panel Discussion

**3:05-3:10 pm**

**Closing Remarks**

[Joseph Wu, M.D., Ph.D.](#)

Director, Stanford Cardiovascular Institute  
Simon H. Stertz, M.D., Professor of Medicine and Radiology

