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