**WEDNESDAY, JUNE 1**

**Arrival and Registration**

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**THURSDAY, JUNE 2**

**Welcome and Keynote Address**

*Barney S. Graham, NIAID, National Institutes of Health, USA*

*Pandemic Vaccines: How Are We Going to Be Better Prepared Next Time?*

**Genetic Vaccines - From Mechanisms of Action to Clinical Approval**

*Robert A. Seder, NIAID, National Institutes of Health, USA*

*Development of Immune Correlates and Mechanisms of Protection for Novel Vaccine Platforms*

*Sarah Catherine Gilbert, University of Oxford, UK*

*Design and Clinical Testing of Adenoviral Vector Vaccines*

*Dan H. Barouch, Beth Israel Deaconess Medical Center, USA*

*Developing Adenovirus Vaccine and Eradication Strategies using the Non-Human Primate Model*

*Galit Alter, MIT and Harvard University, USA*

*Systems Biology to Define the Correlates of Immunity*

**Short Talks Chosen from Abstracts**

*Infectious Disease mRNA Vaccines*

*Norbert Pardi, University of Pennsylvania, USA*

*mRNA-Based Influenza or Coronavirus Vaccines*

*Raffael Nachbagauer, Moderna, USA*

*Infectious Disease mRNA Vaccines (Flu)*

*Katalin Karikó, BioNTech RNA Pharmaceuticals, Germany*

*From Critical Modifications of mRNA to a Highly Efficacious SARS-CoV-2 Vaccine*

*Susanne Rauch†, CureVac GmbH, Germany*

*Development of Unmodified mRNA Vaccines*

**Poster Session 1**

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**FRIDAY, JUNE 3**

**Optimizing Vaccine Delivery and Adjuvant Stimulation**

*Bali Pulendran, Stanford University School of Medicine, USA*

*Emerging Concepts in the Science of Vaccine Adjuvants*

*Karin Loré, Karolinska Institutet, Sweden*

*Understanding Innate Immune Activation by mRNA Vaccines for Generation of Efficient Responses*

*Darrell J. Irvine, Massachusetts Institute of Technology, USA*

*Shaping Vaccine Responses by Adjuvants and Delivery Systems*

**Protein Nanoparticle Vaccines: Host:Antigen Interaction**

*Neil P. King†, University of Washington, USA*

*Self-Assembling Nanoparticle Vaccine-Design*

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**SATURDAY, JUNE 4**

**Vaccine Diplomacy and Distribution**

*Linda-Gail Bekker, University of Cape Town, South Africa*

*Overcoming Vaccination Hesitancy*

*Peter J. Hotez, Baylor College of Medicine, USA*

*Availability and Attainability of Vaccines to Populations*

*Patricia Garcia†, Universidad Peruana Cayetano Heredia / University of Washington, Peru*

*Challenges in Equal Distribution of Vaccines*

**Diversity and Evolution of Immunity to Vaccination**

*Gunilla B. Karlsson Hedestam, Karolinska Institutet, Sweden*

*B Cell Immunity to Vaccination Influenced by Human Genetic Diversity*

*Hedda Wardemann, German Cancer Research Center, Germany*

*Evolution of Immune Responses to Controlled Infection and Vaccination*

*Ali H. Ellebedy, Washington University School of Medicine, USA*

*Mechanisms of Generation of Durable and High Quality B Cell Responses to Vaccination*

*Nicole A. Doria-Rose, NIAID, National Institutes of Health, USA*

*Longitudinal Analyses of Vaccine-Induced Antibodies to Understand Protection*

**Poster Session 2**

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**SUNDAY, JUNE 5**

**Departure**

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*Session Chair  † Invited but not yet accepted  Program current as of September 20, 2021. Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.*