WEDNESDAY, JUNE 1
Arrival and Registration

THURSDAY, JUNE 2
Welcome and Keynote Address
Barney S. Graham, Former Deputy Director of NIAID, VRC, 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

Short Talks Chosen from Abstracts

Poster Session 1

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
Karina 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

Short Talks Chosen from Abstracts

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
Availabililty and Attainability of Vaccines to Populations
Patricia Garcia†, Universidad Peruana Cayetano Heredia / University of Washington, Peru
Challenges in Equal Distribution of Vaccines

Short Talks Chosen from Abstracts

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

Short Talks Chosen from Abstracts

Structural Immunology-Guided Rational Vaccine Antigen Design
Adam K. Wheatley, University of Melbourne, Australia
Design of Future Vaccines based on Understanding Antibody-Based Protection from Infectious Viral Disease
Jason S. McLellan, University of Texas at Austin, USA
Structure-Based Vaccine Design (TBD)
Laura M. Walker, Adimab LLC and Adagio Therapeutics, USA
Novel Insights into Immunoglobulin Structures

Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)
SUNDAY, JUNE 5

Departure