TUESDAY, JUNE 6
Arrival and Registration

WEDNESDAY, JUNE 7
How B Cells Function in Infectious Diseases (Joint)
Shane Crotty, La Jolla Institute for Immunology, USA
Understanding B Cell Immune Memory
Michel C. Nussenzweig, HHMI/Rockefeller University, USA
Refining the B Cell Repertoire by Somatic Hypermutation and Class Switch Recombination
Susan Moir, NIAID, National Institutes of Health, USA
B Cell Biology in Acute and Chronic Infectious Diseases
Short Talks Chosen from Abstracts

Workshop 1 (Z5)
Short Talks Chosen from Abstracts

Rational Vaccine Design I (Z6)
Dennis R. Burton, The Scripps Research Institute, USA
Scripps CHAVD Vaccine Strategies
Barton F. Haynes, Duke University Medical Center, USA
Duke CHAVD Immunogen Design and Clinical Trials Results
Short Talks Chosen from Abstracts

Control and Modulation of B Cell Responses (Z5)
Frances E. Lund, University of Alabama at Birmingham, USA
Cytokine-Producing “Effector” B Cells
Darrell J. Irvine, Massachusetts Institute of Technology, USA
Controlled Modulation of B Cell Responses
Jenny Jiang, University of Pennsylvania, USA
A Systems Approach to Understanding B Cell Fates
Short Talks Chosen from Abstracts

Poster Session 1

THURSDAY, JUNE 8
Rational Vaccine and Adjuvant (Joint)
William Schief, The Scripps Research and IAVI, USA
Germline Targeting Strategies: mRNA EOD/Trimer Studies
Susan K. Pierce, NIAID, National Institutes of Health, USA
Affinity Thresholds and Fate Decisions in Memory B Cells
Andrew B. Ward, The Scripps Research Institute, USA
HIV Structural Studies and implications for Vaccine Development
Galit Alter, Ragon Institute of MGH, MIT and Harvard, USA
Correlates of Antibody Immunity Against Infectious Diseases
Short Talks Chosen from Abstracts

Workshop 2 (Z5)
Short Talks Chosen from Abstracts

Translational HIV Vaccine Research (Z6)
Alejandro Balazs, Massachusetts General Hospital, USA
Antibody-mediated Prevention of Vaginal HIV Transmission is Dictated by IgG Subclass in Humanized Mice
Devin Sok, International AIDS Vaccine Initiative, USA
IAVI Vaccine and Passive Antibody Trials in Africa
Louis J. Picker, Oregon Health & Science University, USA
Understanding the “Control and Clear” Efficacy of RhCMV/SIV Vaccine Vectors
Short Talks Chosen from Abstracts

Antigen Driven Activation, Selection and Metabolic Re-Programming (Z5)
Pavel Tolar, University College London, UK
B Cell Triggering
Gabriel D. Victoria, Rockefeller University, USA
Evolution of Antibody Responses to Infection and Immunization
Jason G. Cyster, HHMI/University of California, San Francisco, USA
Cell Migration Dynamics and Intercellular Communications Underlying Immunity
Short Talks Chosen from Abstracts

Affinity-Based Selection

Poster Session 2

FRIDAY, JUNE 9
Broadly Neutralizing Antibodies and Passive Immunization Against HIV and SARS-CoV-2 (Z6)
Penny L. Moore, University of the Witwatersrand and National Institute for Communicable Diseases, South Africa
HIV B Cell Biology and Implications for Vaccine Development
Marit van Gils, Amsterdam UMC, Netherlands
Characterization and Application of Human bnabs to SARS-CoV-2

* Session Chair † Invited but not yet accepted  Program current as of November 17, 2022 Meal formats are based on meeting venue. For the most up-to-date details, visit https://www.keystonesymposia.org.
Laura M. Walker, Adagio Therapeutics, USA
Virus-Specific Neutralizing Antibody Development
Short Talks Chosen from Abstracts

Affinity Based Selection and Fate Decisions: Long Lived Plasma Cells and Memory B Cells (Z5)
Frances Eun-Hyung Lee, Emory University, USA
Talk Title to be Announced
David M. Tarlinton, Monash University, Australia
Memory B Cells: Composition, Persistence, Reactivation and Fates
Tomohiro Kurosaki, Osaka University, Japan
Functional Fates of Memory B Cells
Short Talks Chosen from Abstracts

Next Generation PrEP (Z6)
Helen Rees, University of the Witwatersrand, South Africa
Talk Title to be Announced
Sharon Hillier, University of Pittsburgh School of Medicine, USA
Dapivirine Ring
Moupal Das, Gilead Sciences, USA
Lenacapavir Ultra-Long Acting
S. Rahima Benhabbour, University of North Carolina, USA
Harnessing Innovative Engineering to Design the Next Generation Long-Acting PrEP
Short Talks Chosen from Abstracts

Activation and Redemption of the Autoreactive B Cell Repertoire in Autoimmune (Z5)
Ignacio Sanz, Emory University, School of Medicine, USA
B Cells and their Effector Progeny in Autoimmune Disease
Christopher C. Goodnow, Garvan Institute of Medical Research, Australia
B Cell Self-Nonself Discrimination and Redemption
Jennifer L. Gommerman, University of Toronto, Canada
B Cells in MS
Short Talks Chosen from Abstracts

Poster Session 3

SATURDAY, JUNE 10

Update on HIV Vaccine Trials (Z6)
Hanneke Schuitemaker, Janssen Vaccines & Prevention B.V., Netherlands
Ad26 Vaccines for COVID and HIV
Margaret Juliana McElrath, Fred Hutchinson Cancer Research Center, USA
HVTN Updates: Adjuvants and SOSIP Trimer Trials
Hyman Scott, University of California, San Francisco, USA
Talk Title to be Announced
Glenda E. Gray, South African Medical Research Council, South Africa
Next Generation of Efficacy Studies; Vaccine Development in era of

Short Talks Chosen from Abstracts

The Impact of Infectious Disease and Inflammation on the B Cell Compartment (Z5)
Carola G. Vinuesa, Francis Crick Institute, UK
Mechanisms Underpinning Human Systemic Autoimmunity: Lessons from Inborn Errors of Immunity
Marion Pepper, University of Washington, USA
B Cell Response in Malaria
Facundo D. Batista, Massachusetts Institute of Technology and Harvard University, USA
Cell Metabolic Re-Programming
Short Talks Chosen from Abstracts

Workshop 3 (Z5)

Leveraging HIV Prevention Advances for the Cure Agenda (Z6)
Julie Ake, Walter Reed Army Institute of Research, USA
Cure Approaches from NHP to Human
Marina F. Caskey, Rockefeller University, USA
bNabs-Eliciting Vaccine Strategies for HIV Cure
Steven G. Deeks, University of California, San Francisco, USA
Therapeutic Vaccination for HIV Cure
Short Talks Chosen from Abstracts

B Cell Malignancy Checkpoints and Targets of Therapies (Z5)
Louis M. Staudt, NCI, National Institutes of Health, USA
Curing Lymphoma by Understanding B Cell Biology
Sandrine Roulland, Aix Marseille University, France
B Cell State Heterogeneity and Lymphomagenesis
Karin Tarte, INSERM U917 Université de Rennes 1, France
Follicular Lymphoma Microenvironment: Plasticity and Origin
Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Z6)
Meeting Wrap-Up: Outcomes and Future Directions (Organizers) (Z5)

SUNDAY, JUNE 11

Departure
Long Acting PrEP