

SUMMIT OVERVIEW / TENTATIVE PROGRAMME

NULLIFY 2027

Global Summit on Vaccine Durability, Waning Immunity & Next-Generation Protection

12–14 July 2027 • Hilton Singapore Orchard, Singapore

333 Orchard Road, Singapore 238867 • Pre-summit workshops 11 July 2027 • Hybrid: 300 in-person, 500 virtual

About the Summit

NULLIFY 2027 is a dedicated international forum on one of the most consequential open questions in vaccinology: why protection wanes, and how to build immunity that lasts. Organised by Synerg Events, the summit brings immunologists, vaccine developers, regulators, public health leaders and investors together in Singapore for three days focused entirely on durability.

The programme moves from mechanism to market to policy. Day 1 examines the biology of waning immunity, immune memory and correlates of protection. Day 2 turns to engineering durability through antigen design, adjuvants, next-generation platforms and mucosal vaccines, with a dedicated track on mosquito-borne and emerging viral vaccines. Day 3 addresses trial design, regulatory pathways for durability claims, LMIC programmes, computational design, pandemic preparedness and future directions for vaccines with durable immunity.

Our aim is to connect the people generating durability science with those who must translate it into products, booster recommendations and immunisation programmes.

TENTATIVE PROGRAMME

All 31 confirmed faculty members are included in proposed sessions. Speaker placements, formats and timings remain indicative and subject to change. Most talk titles are still to be confirmed.

Speaker proposals: akhil.sravan@synergevents.com

WHY PARTICIPATE

Why Attend

Built for cross-sector exchange between science, industry, regulation and public health.

A Single Focus on Durability

Three days devoted to waning immunity and long-lasting protection, rather than a general vaccine meeting where durability is one topic among many.

Mechanism to Product

Hear how advances in B- and T-cell memory, germinal centre biology and innate activation are informing antigen design, adjuvant selection and platform choice.

Regulatory & Policy Dialogue

Engage with regulatory and public health perspectives on how durability is measured, evidenced and reflected in booster policy and product labelling.

Partnerships & Access

Meet developers, manufacturers, funders and programme leads working to make durable vaccines available across high-, middle- and low-income settings, in an Asia-Pacific hub.

Who Attends

- Heads of vaccine R&D, translational medicine, clinical development and medical affairs from pharmaceutical and biotech companies.
- Academic immunologists, vaccinologists, structural biologists and virologists.
- Regulators, national immunisation programme leads and public health agencies.
- Global health organisations, funders and LMIC programme leaders.
- Manufacturers, CDMOs, platform technology companies and life sciences investors.

SUMMIT LEADERSHIP

Conference Committee

SCIENTIFIC COMMITTEE

Prof James Beeson

Deputy Director, Research Strategy; Head, Malaria Immunity and Vaccines Group, Burnet Institute

Prof Sylvie Alonso

Professor and Co-Chair, Infectious Diseases Translational Research Programme; Deputy Director, Life Sciences Institute, National University of Singapore

Further committee members to be announced.

PRE-SUMMIT WORKSHOPS / SUNDAY, 11 JULY 2027

Pre-Summit Workshops

Four half-day deep-dive workshop tracks • Sponsor-available

Small-group, practitioner-focused workshops held the day before the main summit. Each track is available for single-sponsor hosting, with the sponsor recognised as workshop partner. Workshop leads are being confirmed.

08:30	Workshop Registration & Welcome Coffee
09:00–12:30	Workshop A: Measuring Waning Immunity Statistical approaches, cohort design and antibody-kinetics modelling OPEN FOR WORKSHOP LEAD PROPOSALS • Biostatistics, epidemiology or serology WORKSHOP SPONSORSHIP AVAILABLE • Workshop A partner
09:00–12:30	Workshop B: Adjuvant Formulation for Durability Formulation science masterclass OPEN FOR WORKSHOP LEAD PROPOSALS • Adjuvant or formulation science WORKSHOP SPONSORSHIP AVAILABLE • Workshop B partner
12:30	Lunch Sponsorship available
13:30–17:00	Workshop C: Regulatory Submissions for Booster Indications EMA/FDA guidance on durability claims OPEN FOR WORKSHOP LEAD PROPOSALS • Regulatory affairs or agency perspective WORKSHOP SPONSORSHIP AVAILABLE • Workshop C partner
13:30–17:00	Workshop D: LMIC Vaccine Deployment Cold chain, thermostability and population waning OPEN FOR WORKSHOP LEAD PROPOSALS • Immunisation programmes, supply chain or global health WORKSHOP SPONSORSHIP AVAILABLE • Workshop D partner
17:00	Workshops Close Main summit opens Monday 12 July, 08:30

DAY 01 / MONDAY, 12 JULY 2027

Foundations

Waning immunity • Immune memory • Correlates of protection

08:30	Registration & Networking Coffee Sponsorship available
09:00	Welcome & Opening Keynote: The Durability of Immune Memory PROPOSED SPEAKERS Prof Mark K. Slifka President & CSO, Najit Technologies, Inc.
09:40	Keynote: Germinal Centres & the Making of Long-Lived Immunity PROPOSED SPEAKERS Prof Shane Crotty Professor & Chief Scientific Officer (CSO) La Jolla Institute for Immunology (LJI)
10:20	Platinum Partner Keynote Slot Reserved for Platinum Partner
10:40	Networking Coffee Break Sponsorship available
11:10	B-Cell Memory, Plasma Cells & Germinal Centre Responses PROPOSED SPEAKERS Prof Michela Locci Associate Professor, University of Pennsylvania ADDITIONAL SPEAKER SOUGHT • Long-lived plasma cells or bone-marrow niches
11:40	Antibody Imprinting & Pre-existing Immunity PROPOSED SPEAKERS Dr Kevin John Selva Research Fellow, University of Melbourne <i>Talk title: Lasting first impressions: Pre-existing immunity shapes future antibody responses</i> ADDITIONAL SPEAKER SOUGHT • Imprinting or repeat-vaccination immunology
12:10	T-Cell Memory & Longevity PROPOSED SPEAKERS Prof Alessandro Sette Professor and Member, Co-Director LJI Center for Vaccine Innovation, LJI Center for Autoimmunity and Inflammation, LJI Center for Cancer Immunotherapy, Adjunct Prof., University of California, School of Medicine, La Jolla Institute for Immunology Prof Guido Silvestri Professor & Chair, Department of Pathology and Laboratory Medicine, Emory University
13:00	Sponsor-hosted Lunch Roundtable Lunch & hosted roundtables • Host sponsorship available
14:00	Correlates of Protection & Antibody Kinetics PROPOSED SPEAKERS Dr Chan Kuan Rong Senior Principal Research Scientist, Duke-NUS Medical School <i>Talk title: Antibody and T cell protection: Two sides of the same coin?</i> Prof Laurent Renia Professor of Infectious Diseases, Lee Kong Chian School of Medicine, Nanyang Technological University ADDITIONAL SPEAKER SOUGHT • Correlates modelling or biostatistics
14:50	Gold Partner Presentation Reserved for Gold Partner
15:10	Networking Coffee Break Sponsorship available
15:40	Immunosenescence: Why Older Adults Lose Protection First PROPOSED SPEAKERS Prof Anthony Cunningham Director, Centre for Virus Research, The Westmead Institute for Medical Research Professor, Faculty of Medicine and Health, University of Sydney <i>Talk title: Countering immunosenescence with vaccines</i> ADDITIONAL SPEAKER SOUGHT • Ageing immunology or older-adult cohort studies
16:30	Panel: Interpreting Real-World Effectiveness Data Across Variant Waves OPEN FOR SPEAKER PROPOSALS • Epidemiology, surveillance, real-world evidence or data science
18:30	Opening Gala Reception Sessions close 17:30 • Faculty, delegate and partner networking • Sponsorship available



DAY 02 / TUESDAY, 13 JULY 2027

Engineering Durability

Antigen design • Adjuvants • Next-generation platforms • Mucosal vaccines

08:30	Registration & Networking Coffee Sponsorship available
09:00	Day 2 Keynote: Nanotechnology & Delivery for Durable Protection PROPOSED SPEAKERS Prof Thomas J. Webster Professor, Division of Pre-College and Undergraduate Studies, Brown University <i>Talk title: Self-assembled nanomaterials passivating viruses and bacteria: Clinical studies</i>
09:40	Platinum Partner Keynote Slot Reserved for Platinum Partner
10:00	Antigen Design for Breadth & Longevity PROPOSED SPEAKERS Prof Pamela J. Bjorkman David Baltimore Professor of Biology and Biological Engineering; Merkin Institute Professor, Caltech <i>Talk title: A COVID-19 booster that could prevent another pandemic</i> Prof Ian Wilson Hansen Professor of Structural Biology, Chairman Department of Integrative Structural and Computational Biology, Scripps Research ADDITIONAL SPEAKER SOUGHT • Industry antigen-engineering perspective
10:50	Networking Coffee Break Sponsorship available
11:20	Adjuvants & Innate Activation PROPOSED SPEAKERS Prof Clare Bryant Professor of Innate Immunity, University of Cambridge Prof Ken J. Ishii Professor, Division of Vaccine Science, Department of Microbiology and Immunology, University of Tokyo Dr Pirouz Daftarian Founder and Director, Innate and Adaptive
12:30	Sponsor-hosted Lunch Roundtable Lunch & hosted roundtables • Host sponsorship available
13:30	Next-Generation Platforms: mRNA/saRNA, Vector, Protein & DNA PROPOSED SPEAKERS Prof Dan Hung Barouch William Bosworth Castle Professor of Medicine, Harvard University Dr Kate Broderick Chief Scientific and Innovation Officer, Artis BioSolutions Dr Christopher Locher CEO and Co-Founder, Versatope Therapeutics Prof Guido Grandi Senior Professor of Microbiology and Clinical Microbiology, Università degli Studi di Trento ADDITIONAL SPEAKER SOUGHT • mRNA or self-amplifying RNA developer



DAY 02 / TUESDAY, 13 JULY 2027 (CONTINUED)

Engineering Durability

14:40	Gold Partner Presentation Reserved for Gold Partner
15:00	Networking Coffee Break Sponsorship available
15:20	Mucosal & Intranasal Vaccines PROPOSED SPEAKERS Prof Sylvie Alonso — Session Keynote Professor Department of Microbiology and Immunology, National University of Singapore <i>Talk title: A promising mucosal dendritic cell-targeting vaccine delivery platform to fight respiratory pathogens</i> Prof Peter Openshaw Professor of Experimental Medicine, National Heart & Lung Institute, Imperial College London ADDITIONAL SPEAKER SOUGHT • Intranasal platform developer or clinical lead
16:10	Track: Mosquito-borne & Emerging Viral Vaccines PROPOSED SPEAKERS Prof James Beeson — Session Chair Deputy Director, Research Strategy; Head, Malaria Immunity and Vaccines Group, Burnet Institute <i>Talk title: Achieving malaria vaccines with long-lasting protection: insights from clinical trials and experimental approaches</i> Prof Linfa WANG — Session Keynote Professor, Programme in Emerging Infectious Disease, Duke-NUS Medical School Prof Justin Chu — Session Keynote Associate Professor, Yong Loo Lin School of Medicine, NUS <i>Talk title: Preclinical development of a RESHAPE Genome-Recoded Live-Attenuated Mosquito-borne orthoflavivirus vaccine</i> Prof Vineet D. Menachery Associate Professor Department of Pediatrics Emory Vaccine Center Member Emory University School of Medicine
19:00	Summit Gala Dinner Sessions close 17:30 • Faculty, VIP and partner networking • Sponsorship available

DAY 03 / WEDNESDAY, 14 JULY 2027

Policy, Equity & the Future

Trial design • Regulation • LMIC programmes • AI • Preparedness • Future directions

08:30	Registration & Networking Coffee Sponsorship available
09:00	Morning Keynote: Trial Design for Durability & Booster Policy PROPOSED SPEAKERS Prof Peter McIntyre Professor and Head of Department of Paediatrics and Child Health, University of Otago ADDITIONAL SPEAKER SOUGHT • Booster trial design, NITAG or biostatistics perspective
09:50	Regulatory Pathways for Durability Claims (FDA / EMA / WHO) PROPOSED SPEAKERS Dr Giada Mattiuzzo Head of Viral Vaccines, R&D, Medicines and Healthcare products Regulatory Agency ADDITIONAL SPEAKER SOUGHT • Regulatory agency perspective
10:40	Platinum Partner Keynote Slot Reserved for Platinum Partner
11:00	Networking Coffee Break Sponsorship available
11:30	LMIC Programmes & Population Waning PROPOSED SPEAKERS Prof Maria Elena Bottazzi Professor, Departments of Pediatrics (Tropical Medicine) and Molecular Virology and Microbiology, Integrative Molecular and Biomedical Sciences Program, and Translational Biology and Molecular Medicine Program, Baylor College of Medicine Prof Beate Kampmann Director, Institute of International Health and Scientific Director, Charité Centre for Global Health, Charité – Universitätsmedizin Berlin, Germany ADDITIONAL SPEAKER SOUGHT • National immunisation programme lead or Gavi / UNICEF perspective
12:20	Sponsor-hosted Lunch Roundtable Lunch & hosted roundtables • Host sponsorship available
13:30	AI & Computational Vaccine Design PROPOSED SPEAKERS Dr Jacob Glanville Chief Executive Officer & President, Centivax ADDITIONAL SPEAKER SOUGHT • Machine learning, immunoinformatics or computational structural biology
14:20	Gold Partner Presentation Reserved for Gold Partner
14:40	Pandemic Preparedness: Durable Protection Before the Next Outbreak OPEN FOR SPEAKER PROPOSALS • Preparedness funders, outbreak response or rapid-response platforms
15:20	Networking Coffee Break Sponsorship available
15:50	Future Directions: Towards 21st century vaccines with durable immunity PROPOSED SPEAKERS Dr Wayne Koff — Session Keynote Managing Partner, Next Frontier Advisors <i>Talk title: Next Generation Vaccines: Towards Optimizing Protective Immunity; Durability; and Global Access</i> ADDITIONAL SPEAKER SOUGHT • Next-generation vaccine design or durable-immunity perspective
16:50	Closing Session: The NULLIFY 2027 Research Agenda SESSION LEAD / MODERATOR Prof James Beeson — Scientific Committee With the summit organising team & faculty
17:30	Summit Close

Speaker proposals: akhil.sravan@synergievents.com

Website: <https://pharmasynergievents.com/Nullify2027/> • Registration: <https://pharmasynergievents.com/Nullify2027/register>

TENTATIVE • All speaker placements, timings and session formats are subject to change. Most talk titles are still to be confirmed.