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

Advance registration rates end 31 October 2026. Save up to US$529 per delegate.

From 1 November 2026 standard rates apply. Register now: https://pharmasynergevents.com/Nullify2027/register

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 32 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, Najít 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
Talk title: Lasting first impressions: Pre-existing immunity shapes future antibody responses
ADDITIONAL SPEAKER SOUGHT • Imprinting or repeat-vaccination immunology

12:10 **T-Cell Memory & Longevity**

PROPOSED SPEAKERS
Prof Alessandro Sette — Session Keynote
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
Talk title: Antibody and T cell protection: Two sides of the same coin?
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
Talk title: Countering immunosenescence with vaccines
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 **Nanotechnology & Delivery for Durable Protection**

PROPOSED SPEAKERS

Prof Thomas J. Webster
Professor, Division of Pre-College and Undergraduate Studies, Brown University
Talk title: Self-assembled nanomaterials passivating viruses and bacteria: Clinical studies

09:40 **Platinum Partner Keynote Slot** Reserved for Platinum Partner

10:00 **Antigen Design for Breadth & Longevity**

PROPOSED SPEAKERS

Prof Rino Rappuoli — Session Keynote
Scientific Director, Fondazione Biotecnopolo di Siena, Italy

Prof Pamela J. Bjorkman
David Baltimore Professor of Biology and Biological Engineering; Merkin Institute Professor, Caltech
Talk title: A COVID-19 booster that could prevent another pandemic

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 Ken J. Ishii — Session Keynote
Professor, Division of Vaccine Science, Department of Microbiology and Immunology, University of Tokyo

Prof Clare Bryant
Professor of Innate Immunity, University of Cambridge

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 — Session Keynote
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
Talk title: A promising mucosal dendritic cell-targeting vaccine delivery platform to fight respiratory pathogens

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
Talk title: Achieving malaria vaccines with long-lasting protection: insights from clinical trials and experimental approaches

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
Talk title: Preclinical development of a RESHAPE Genome-Recoded Live-Attenuated Mosquito-borne orthoflavivirus vaccine

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
Talk title: Next Generation Vaccines: Towards Optimizing Protective Immunity; Durability; and Global Access
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

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Register: https://pharmasynergevents.com/Nullify2027/register • Website: https://pharmasynergevents.com/Nullify2027/
Speaker proposals: akhil.sravan@synergevents.com
TENTATIVE • All speaker placements, timings and session formats are subject to change. Most talk titles are still to be confirmed.