



Vaccines Summit-2026 — Full 3-Day Scientific Agenda  
November 16–18, 2026 | Boston, USA

**DAY 1 – Monday, November 16, 2026**

**Theme: Next-Generation Vaccine Technologies & Pandemic Preparedness**

07:30 – 08:00: Registration & Opening Ceremony

**08:00 – 08:30 — KEYNOTE LECTURE 1**

Presentation Title: TBA

**Speaker: Rino Rappuoli**, Scientific Director of the Biotechnopolo di Siena Foundation, Italy

**08:30 – 09:00 — KEYNOTE LECTURE 2**

Presentation Title: TBA

**Speaker: Sanjay Gurunathan**, Senior Vice President and Global Head, Vaccines and Infectious Disease R&D, GSK

**09:00 – 09:30 — KEYNOTE LECTURE 3**

Presentation Title: TBA

**Speaker: Andrew Pollard, Director**, Oxford Vaccine Group

**09:30 – 10:00 — KEYNOTE LECTURE 4**

Presentation Title: TBA

**Speaker: Bali Pulendran**, Stanford University School of Medicine

**10:00 – 10:30 — KEYNOTE LECTURE 5**

**Presentation Title:** Application of next gen tools including alternative delivery systems and AI to vaccine and adjuvant development

**Speaker: Nikolai Petrovsky**, Professor of Immunology and Infectious Disease, Australian Respiratory and Sleep Medicine Institute in Adelaide; Research Director, Vaxine Pty Ltd

**10:30 – 11:00: Coffee Break & Networking**

**SESSION 1: Next-Generation Vaccine Technologies**

Speakers: **Parker A. Small, Jr, Joseph M. DeSimone**

**11:00 – 13:00**

mRNA & self-amplifying RNA (saRNA) platforms  
Viral vector & nanoparticle vaccines  
Microneedle patches & needle-free delivery  
Mucosal/intranasal vaccines  
Universal vaccine concepts (influenza, coronavirus)

**13:00 – 14:00 — Lunch Break**

**SESSION 2: Coronavirus & Pandemic Preparedness**

**14:00 – 16:00**

Variant-proof & pan-coronavirus vaccine designs  
Transmission-blocking mucosal vaccines  
Preparedness for “Disease X”  
Rapid manufacturing & outbreak response  
COVID-19 booster durability and immune memory

**16:00 – 16:20: Refreshment Break**

**16:20 – 16:50 — KEYNOTE LECTURE 6**

Presentation Title: TBA

Speaker: **Guido Grandi**, Senior Professor of Microbiology and Clinical Microbiology, COO, BiOMViS Srl

**17:00 – 17:40: Panel Discussion**

“The Next Pandemic: Are We Ready?”

**17:40 – 18:40: Reception & Poster Viewing**



**DAY 2 – Tuesday, November 17, 2026**

**Theme: Clinical Trials, Safety, AI & Computational Vaccine Research**

**08:00 – 08:30 — KEYNOTE LECTURE 7**

Presentation Title: TBA

**Speaker: Kathryn M. Edwards**, Sarah H. Sell and Cornelius Vanderbilt Professor of Pediatrics

**08:30 – 09:00 — KEYNOTE LECTURE 8**

Presentation Title: TBA

**Speaker: TBD**

**09:00 – 09:30 — KEYNOTE LECTURE 9**

Presentation Title: TBA

**Speaker: TBD**

**09:30 – 10:00 — KEYNOTE LECTURE 10**

Presentation Title: TBA

**Speaker: TBD**

**10:00 – 10:20: Coffee Break**

**SESSION 3: Clinical Trials, Safety & Regulatory Science**

**10:20 – 12:20**

Adaptive & decentralized trial models

Immune correlates of protection

Pharmacovigilance & real-world safety data

Regulatory harmonization: FDA–EMA–WHO collaborations

Ethics of emergency use vaccines

**12:20 – 13:40 — Lunch Break**

**SESSION 4: AI & Computational Tools in Vaccine Research**

**13:40 – 15:40**

AI-driven antigen discovery  
Machine learning in trial design & safety prediction  
Computational immunology & digital twins  
Reverse vaccinology 3.0  
AI for quality control & manufacturing optimization

**15:40 – 16:00: Coffee**

**16:00 – 16:30 — KEYNOTE LECTURE 11**

Presentation Title: TBA

**Speaker: TBA**

**16:40 – 17:30 — PANEL DISCUSSION**

“AI in Vaccinology: Promise, Pitfalls & Ethics”

**DAY 3 – Wednesday, November 18, 2026**

**Theme: Global Immunization, NTDs & Conjugate Vaccines**

**08:00 – 08:30 — KEYNOTE LECTURE 12**

Presentation Title: TBA

**Speaker: Walter A. Orenstein**, Professor Emeritus of Medicine, Epidemiology, Global Health, and Pediatrics, Emory University

**08:30 – 09:00 — KEYNOTE LECTURE 13**

**Presentation Title: TBA**

**Speaker: TBA**

**09:00 – 09:30 — KEYNOTE LECTURE 14**

Presentation Title: TBA

**Speaker: TBD**

**09:30 – 10:00 — KEYNOTE LECTURE 15**

Presentation Title: TBA

**Speaker: TBA**

**10:00 – 10:20 Coffee Break**

**SESSION 5: Vaccines for Emerging & Neglected Diseases**

**10:20 – 12:20**

Vaccines for NTDs: dengue, chikungunya, leishmaniasis

Helminth & parasitic vaccine development

One-Health & zoonotic spillover prevention

AMR-targeted bacterial vaccines

Vaccines for low-resource settings (thermostable, low-cost platforms)

**12:20 – 13:40 — Lunch Break**

**SESSION 6: Conjugate Vaccines & Glycoconjugate Innovations**

**13:40 – 15:30**

Next-gen glycoconjugate vaccines

Novel carrier proteins & conjugation chemistries

Glycoengineering & synthetic carbohydrates

Conjugate vaccines for AMR pathogens

High-valency pediatric and adult conjugate vaccines

**15:30 – 15:50 Coffee Break**



**SESSION 7: Vaccine Adjuvants & Immune Modulation**

**15:50 – 17:00**

Precision adjuvants

Adjuvants for mucosal vaccines

Systems vaccinology for adjuvant discovery

Novel adjuvants for emerging/NTD pathogens

**17:00 – 17:30 — CLOSING PANEL**

**“The Future of Global Vaccines: 2030 and Beyond”**

**17:30 – 17:45: Closing Ceremony & Vote of Thanks**

***\*This is tentative agenda subject to change***