VACCINES SUMMIT
NOV 16-18, 2026 | BOSTON, MA

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

08:30 – 09:00: Registration & Welcome Coffee

09:00 – 09:20: Opening Ceremony & Welcome Remarks

09:20 – 10:00 — KEYNOTE LECTURE 1
Presentation Title: TBA
Speaker: Prof. Rino Rappuoli

10:00 – 10:40 — KEYNOTE LECTURE 2
Presentation Title: Application of next gen tools including alternative delivery systems and AI to vaccine and adjuvant development
Speaker: Prof. Nikolai Petrovsky

10:40 – 11:00: Coffee Break & Networking

SESSION 1: Next-Generation Vaccine Technologies

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 – 17:10 — KEYNOTE LECTURE 3
Presentation Title: TBA
Speaker: TBA

17:10 – 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

09:00 – 09:40 — KEYNOTE LECTURE 4

Presentation Title: TBA
Speaker: Prof. Kathryn M. Edwards

09:40 – 10:20 — KEYNOTE LECTURE 5

Presentation Title: TBA
Speaker: TBD

10:20 – 10:40: Coffee Break

SESSION 3: Clinical Trials, Safety & Regulatory Science

10:40 – 12:40
Adaptive & decentralized trial models
Immune correlates of protection
Pharmacovigilance & real-world safety data
Regulatory harmonization: FDA–EMA–WHO collaborations
Ethics of emergency use vaccines

12:40 – 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 – 16:40 — KEYNOTE LECTURE 6

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

09:00 – 09:40 — KEYNOTE LECTURE 7

Presentation Title: TBA
Speaker: Dr. Walter A. Orenstein

09:40 – 10:20 — KEYNOTE LECTURE 8
Presentation Title: TBA
Speaker: Dr. Jerome Kim

10:20 – 10:40 Coffee Break

SESSION 5: Vaccines for Emerging & Neglected Diseases

10:40 – 12:40
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)

12:40 – 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