

# VaxHorizons 2025

August 25–26, 2025

Dubai, UAE

## Preliminary Agenda

### Day 1 – August 25, 2025

#### Focus: Vaccine Science and Technological Breakthroughs

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

09:00 – 09:15 | Opening Remarks

09:15 – 10:00 | Keynote Lecture 1:

“Revolutionizing Vaccinology: From Bench to Breakthrough”

10:00 – 11:30 | Session 1: mRNA, DNA & Next-Gen Platforms

Advances in mRNA technology

DNA vaccines and delivery challenges

Novel viral vectors

11:30 – 11:45 | Coffee Break

11:45 – 13:00 | Session 2: Universal and Multivalent Vaccine Approaches

Cross-protective vaccine candidates

Influenza, coronaviruses, and broad-spectrum innovations

Antigen design and immune escape

13:00 – 14:00 | Networking Lunch

14:00 – 15:15 | Session 3: Vaccine Adjuvants and Immune Potentiators

Novel adjuvant formulations

Immunogenicity enhancement strategies

Targeting mucosal immunity

15:15 – 16:30 | Session 4: Pediatric and Maternal Immunization

Innovations in neonatal and maternal vaccines

Optimizing safety and efficacy for vulnerable populations

Addressing vaccine hesitancy

16:30 – 17:15 | Panel Discussion:

“From Discovery to Delivery: Speed vs. Safety in Vaccine Development”

### Day 2 – August 26, 2025

#### Focus: Global Immunization, Policy, and Public Health Impact

09:00 – 10:00 | Keynote Lecture 2:

“Global Immunization Strategy 2030: What’s Next?”

10:00 – 11:30 | Session 5: Emerging & Re-emerging Infectious Diseases

11:30 – 11:45 | Coffee Break

11:45 – 13:00 | Session 6: Vaccine Access, Policy & Equity

Global distribution frameworks

Strengthening routine immunization systems

Policy innovations for equitable access

13:00 – 14:00 | Networking Lunch

14:00 – 15:15 | Session 7: AI, Big Data & Personalized Vaccinology

AI-driven vaccine design

Predictive modeling for outbreaks

Personalized immune profiling

15:15 – 16:30 | Session 8: Public Trust, Communication & Ethics

Combating misinformation

Ethical challenges in mandatory vaccination

Community-driven approaches to vaccine education

16:30 – 17:00 | Closing Session & Abstract Awards

17:00 – 17:15 | Farewell & Invitation to VaxHorizons 2026

**Theme: “Harnessing Innovation to Strengthen Global Immunity and Public Health”**

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