

**Malaria Vaccine R&D and Immunization
Lessons Learned & Considerations for Global Health Impact
March 3, 2022 9 am-12 pm EDT**

Virtual Webinar, Register [here](#)

09:00 EST

Welcome and Introduction

Lee Hall, Chief, Parasitology and International Program Branch, NIAID, U.S. National Institutes of Health (2 mins)

Opening Remarks: WHO Perspective

Kate O'Brien, Director, Department of Immunization, Vaccines and Biologicals, WHO (5 mins)
Pedro Alonso, Director, Global Malaria Vaccine Programme, WHO (5 mins)

09:13 EST

Session 1: Lessons Learned from a Vaccine Without a Dual Market -- from RTS,S Research and Development to Implementation and Distribution

Moderator: Jean-Luc Bodmer, Senior Program Officer, Bill & Melinda Gates Foundation

RTS,S: Challenges in Development of a Vaccine Without a Dual Market

Dennis Di Mascio, Director Global Health, Lead, RTS,S Malaria Program, GSK (13 mins)

RTS,S Pilot Implementation Program and Seasonal Use

Mary J Hamel, Team Lead, Malaria Vaccines, Department of Immunization, Vaccines and Biologicals (IVB), WHO (13 mins)

Implementation and Distribution Considerations

Rose Jalang'o, Team Lead, Malaria Vaccine Implementation Program, Ministry of Health-Kenya (10 mins)

09:50 EST

Panel discussion: Lessons learned and emerging issues

David Kaslow, Chief Scientific Officer, PATH (Chair)

Panel members:

Josea Rono, senior manager, Vaccine Programmes, GAVI, the Vaccine Alliance;

Krishna Mohan, Executive Director at Bharat Biotech International Limited;

Dennis Di Mascio, Mary Hamel, Rose Jalang'o

10:30 EST

Session 2. Future Malaria Vaccine R&D Considerations

Moderator: Annie Mo, Senior Program Officer, NIAID, U.S. National Institutes of Health

Opening Remarks: The Evolving Context of Malaria, and the Need to Rethink Strategic Approaches

Rose Gana Fomban Leke, Emeritus Professor of Immunology and Parasitology at the University of Yaounde (5 mins)

Vaccine Development Paradigms and Challenges: Strategic Consideration for Future Malaria Vaccines

Ashley Birkett, Global Head of Malaria, Center for Vaccine Innovation and Access (CVIA), PATH (13 mins)

Technologic Approaches: Technologies for Subunit Malaria Vaccines

Simon Draper, Professor of Vaccinology and Translational Medicine at Oxford University (10 mins)

Whole Organism-Based Vaccine Technologies: Challenges & Opportunities

Kim Lee Sim, Executive Vice President, Process Development and Manufacturing, Sanaria Inc. (10 mins)

Vaccine R&D Innovation to Ensure Equitable Access

Nicaise Ndembi, Chief Science Advisor at the Africa Centers for Disease Control and Prevention (10 mins)

11:20 EST

Panel discussion: Future Malaria Vaccine R&D Considerations

Regina Rabinovich, ExxonMobil Scholar in Residence, Harvard TH Chan School of Public Health, Harvard University (Chair)

Panel members:

Umesh Shaligram, Executive Deputy Director, Serum Institute of India;

Rose Leke, Ashley Birkett, Simon Draper, Kim Lee Sim, Nicaise Ndembi

Closing Remarks

Martin Friede, Coordinator, Initiative for Vaccine Research, WHO (2 mins)