

5th ANNUAL NETWORK MEETING

In collaboration with The Oxford University Clinical Research Unit, Vietnam



MONDAY 04 NOVEMBER 2024

Venue: Oxford University Clinical Research Unit, Ho Chi Minh City, Vietnam

Time	Activity
14.00	Tour of OUCRU Laboratory Facilities – Limited places: Confirmed Names Only

The programme is subject to change



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5th ANNUAL NETWORK MEETING

TUESDAY 05 NOVEMBER 2024

Venue – Sheraton Hotel, Ho Chi Minh City, Vietnam

Time	Activity
08.30	<i>Registration</i>
09.00	Welcome - Network Information <i>Professor Cal MacLennan, Director of BactiVac & Professor Adam Cunningham, Co-Director of BactiVac, UK</i>
09.15	BactiVac Network - Opening Address <i>Professor Peter Borriello, Trustee of Safe Medicines for Animals - regulatory training (SMARt), UK</i>
09.30	Oxford University Clinical Research Unit - Opening Address <i>Professor Guy Thwaites, Director, Oxford University Clinical Research Unit, Vietnam</i>
09.45	Vaccines to Prevent Antimicrobial Resistance – Data from Three Phase 3 Typhoid Conjugate Vaccine Trials <i>Dr James E. Meiring, Senior Clinical Lecturer, University of Liverpool and Malawi Liverpool Wellcome Trust Programme, UK/Malawi</i>
10.15	Development and Qualification of Immunoassays for Shigella Vaccines <i>Dr Paul W. Rhyne, Bioassay Lead, Gates Medical Research Institute, USA</i>
10.45	Speed Networking Session
12.30	<i>Lunch</i>
13.30	Technologies Available for Bacterial Vaccines <i>Dr Francesca Micoli, Senior Project Leader and Director of the Innovation Academy at GSK Vaccine Institute for Global Health, Italy</i>
14.00	MRNA as a Platform for Bacterial Vaccines <i>Dr Obadiah Plante, Sr. Director, Bacteriology, Infectious Disease Research, Moderna, USA</i>
14.30	Combination Bacterial Vaccines <i>Professor Dr Annelies Wilder-Smith, Team Lead for Vaccine Development, World Health Organisation, Switzerland</i>
15.00	<i>Refreshments</i>
15.30	Vaccine Clinical Trials, Recent Advancements, Challenges & Opportunities <i>Dr Tarun Saluja, Head of Clinical Development, International Vaccine Institute, South Korea</i>
16.00	Oral Paratyphoid Vaccine Study in the Human Challenge Model <i>Professor Sir Andrew Pollard, Director of the Oxford Vaccine Group at the University of Oxford and a Consultant Paediatrician at the Oxford Children's Hospital, UK</i>
16.30	Klebsiella Pneumoniae in Vietnam: The Urgent Need for a Vaccine <i>Dr Duy Pham, Head of Molecular Epidemiology Group, Oxford University Clinical Research Unit, Vietnam</i>
17.00	Bangladesh Vaccine Therapeutics Diagnostics and Manufacturing and Regulatory Strengthening <i>Dr Dinesh Arora, Principal Health Specialist, Asian Development Bank, Philippines</i>
17.30	<i>Close of day programme</i>
19.00	Conference Dinner – The Sheraton Hotel

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5th ANNUAL NETWORK MEETING

WEDNESDAY 06 NOVEMBER 2024

Venue – Sheraton Hotel, Ho Chi Minh City, Vietnam

Time	Activity
08.30	DCVMN in Pursuit for Excellence: A Journey of Innovations, Development, Manufacturing and Delivery of Bacterial Vaccines <i>Mr Rajinder Kumar Suri, CEO, DCVMN International, India</i>
09.00	Biological E's Longstanding Commitment of Bacterial Vaccine Development <i>Dr Nupur Sengupta, General Manager, Global Alliance Management, Bio E-Vaccines, India</i>
09.30	The Group B Streptococcal Vaccine Pipeline <i>Professor Kirsty Le Doare, Professor of Vaccinology and Immunology, St. George's. University of London, UK</i>
10.00	Standardization of Immune Assays for Characterizing Immune Responses to GBS Vaccines in Clinical Studies <i>Dr Rama Raghunandan, Scientific Director, PATH, USA</i>
10.30	<i>Refreshments</i>
11.00	Encouraging the Use of Biological Products and Vaccines to Replace Antibiotics to Meet the Export Strategy of the Ministry of Agriculture and Rural Development <i>Dr Dang Thi Thanh SON, Head of Veterinary Hygiene Department, National Institute for Veterinary Research (NIVR), Vietnam</i>
11.30	Reduction of Antibiotic Use in Tilapia Farming <i>Associate Professor Nguyen Ngoc Phuoc, Senior Lecturer, Faculty of Fishery, University of Agriculture and Forestry, Hue University, Vietnam</i>
12.00	<i>Streptococcus suis</i> Infection in Human: A New Insight from Whole Genome Sequence Study <i>Associate Professor Ngo Thi Hoa, Head of Zoonoses Group, Oxford University Clinical Research Unit, Vietnam</i>
12.30	<i>Lunch</i>
13.30	Toward a multivalent synthetic oligosaccharide-based conjugate vaccine against <i>Shigella</i>: clinical findings from a monovalent prototype in Kenyan infants <i>Dr Laurence A. Mulard, Research Director, INSTITUT PASTEUR, France</i>
14.00	BactiVac Network Opportunities <i>Dr Jo Dean, Operations Manager, BactiVac Network, UK</i>
14.30	Oral Presentations from Selected Poster Abstracts See Appendix 1
16.00	Poster Abstract Viewing
18.00	<i>Close of day programme</i>

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5th ANNUAL NETWORK MEETING**THURSDAY 07 NOVEMBER 2024** Venue – Sheraton Hotel, Ho Chi Minh City, Vietnam

Time	Activity
09.00	The Challenge of Developing Vaccines against Human Adapted Pathogens <i>Professor Christoph Tang, Professor of Cellular Pathology, Sir William Dunn School of Pathology, UK</i>
09.30	Clinical Trials in Asia – Opportunities and Challenges <i>Dr Evelyne Kestelyn, Head of the Clinical Trials Unit, Oxford University Clinical Research Unit, Vietnam</i>
10.00	The Role of the Social Structure in Vaccine Hesitancy <i>Dr Ha Nguyen Thanh, Postdoctoral Researcher, Oxford University Clinical Research Unit, Vietnam</i>
10.30	<i>Refreshments</i>
11.00	The Clinical Challenge of <i>Acinetobacter baumannii</i> and Potential New Therapeutic Approaches <i>Professor Jeremy Brown, Professor of Respiratory Infection, University College London, UK</i>
11.30	K-Vax: The Universal Vaccine for Prevention of Diseases by <i>Klebsiella Pneumoniae</i> <i>Dr Aída Alonso-del Valle, Vaccine Development Manager, Vaxdyn, Spain</i>
12.00	Perspective on the Success of Bacterial Vaccine Development and Manufacture in Asia <i>Dr Jerome Kim, Director General of the International Vaccine Institute, South Korea</i>
12.30	<i>Lunch</i>
14.00	Translational Workshop by Hilleman Laboratories What Does it Take to Move a Vaccine Through the First ‘Valley of Death?’ Welcome & Opening <i>Dr Alain Bouckennooghe, Head of Research & Development, Hilleman Laboratories, Singapore</i>
14.05	Vaccine development: From Lab to Clinic <i>Dr Pei-Yin Lim, Manager, Preclinical R&D, Hilleman Laboratories, Singapore</i>
14.30	Building a Business Case <i>Dr N Erlyani Abd Hamid, Assistant Director, Business Strategy & Programme Management, Hilleman Laboratories, Singapore</i>
15.00	Rapid Approach to Vaccine Development with Case Study <i>Kay Hunsberger, Executive Director, Merck Sharp & Dohme Inc., USA</i>
15.30	<i>Refreshments</i>
16.00	Panel Session Q&A Session
17.00	Annual Network Meeting Closing Address <i>Professor Cal MacLennan, Director of BactiVac & Professor Adam Cunningham, Co-Director of BactiVac, UK</i>

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APPENDIX 1

Venue – Sheraton Hotel, Ho Chi Minh City, Vietnam

WEDNESDAY 06 NOVEMBER 2024

Oral Presentations from Selected Poster Abstracts

- 14.30 **Turbo: an adjuvant for bacterial polysaccharide vaccines**
Dr Kishore R. Alugupalli, Chief Executive Officer, TurboVax Inc., USA
- 14.45 **Safety and immunogenicity of a 4-component GMMA-based *Shigella* vaccine in healthy European adults: Stage 1 of a randomized, controlled phase I/II clinical trial**
Dr Ashwani Kumar Arora, Head Clinical Development & Regulatory Affairs, GSK Vaccines for Global Health, Italy
- 15.00 **Exploring the role of pneumococcal conjugate vaccine (PCV)-13 and its mechanism against *Streptococcus pneumoniae***
Dr Gift Chiwala, Postdoctoral Research Associate, Malawi Liverpool Wellcome Programme, Malawi
- 15.15 **Comparative analysis of gonococcal antibody levels and function in sera from mice immunised with candidate native Outer Membrane Vesicle (nOMV) gonococcal vaccines and from patients convalescing from gonorrhoea**
Ms Ilaria Onofrio, DPhil student, Jenner Institute, University of Oxford, UK
- 15.30 **Live vector-based multivalent vaccine approach against cecal colonization of *Campylobacter jejuni* in commercial chickens**
Dr Amirul Islam Mallick, Associate Professor, Indian Institute of Science Education and Research Kolkata, India
- 15.45 **Preliminary analysis and outcomes from a first-in-human Nontyphoidal *Salmonella* controlled human infection model**
Dr Christopher Smith, Clinical Research Fellow, Imperial College London, UK

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