UNIVERSITY^{OF} BIRMINGHAM



PROGRAMME – DAY ONE 4th ANNUAL NETWORK MEETING WEDNESDAY 18 October 2023 Edgbaston Park Hotel & Conference Centre, University of Birmingham, UK **Registration and refreshments** 8:15 Welcome and Network Information 9:00 Prof Cal MacLennan, Director of BactiVac, UK Prof Adam Cunningham, Co-Director of BactiVac, UK **Theme: Neglected Pathogens E-Coli Chair: Prof Alan McNally** 9:15 The Evolution, Current Status, and Future Perspectives of ETEC and ExPEC Vaccine Development Dr Ibrahim Khalil, Department of Global Health, University of Washington, USA 9:45 **Clinical development of a subunit ETEC vaccine** Dr Chad Porter, Department Head, Translational and Clinical Research, Naval Medical Research Command, USA 10:15 Development vaccines against extra-intestinal Pathogenic E. coli (ExPEC) Dr Germie Van Den Dobbelsteen, Senior Director of Bacterial Vaccines & Immunology, The Janssen Pharmaceutical Companies of Johnson & Johnson, The Netherlands 10:45 Refreshments **Theme: Neglected Pathogens Others Chair: Prof Richard Adegbola** 11:15 Vaccines for Bacterial STIs: Challenges and Opportunities Dr Carolyn Deal, Branch Chief, Enteric and Sexually Transmitted Infections Branch, National Institute of Allergy and Infectious Diseases, USA 11:45 Development update of two late-stage Cholera & NTS vaccine candidates Dr Raches Ella, Chief Development Officer - Bharat Biotech, India 12:15 Lunch **Theme: Manufacturing Chair: Prof Gordon Dougan** 13:30 Manufacturing of bacterial vaccines from a DCVMN and Eubiologics perspective Dr Rachel Park, Director, EuBiologics Co., Ltd, South Korea 14:00 **Enabling Vaccine Equitable Access Through Manufacturing Innovations** Dr Ali Alloueche, Vice President, Hilleman Labs, UK 14:30 Small Scale GMP manufacturing in Academia Dr Cath Green, Head of Clinical BioManufacturing, Nuffield Department of Medicine, University of Oxford, UK 15:00 **Group Photograph** Foyer, Edgbaston Park Hotel 15:10 Refreshments 15:30 Speed Networking Composers' Suite Poster viewing and drinks reception 17:00 Composers' Suite 18:30 Close of day programme 19:30 **Conference Dinner** Fry Suite

This programme is subject to change











4th ANNUAL NETWORK MEETING **PROGRAMME – DAY TWO THURSDAY 19 October 2023** Edgbaston Park Hotel & Conference Centre, University of Birmingham, UK **Theme: Failing Vaccines** Chair: Dr Ankur Mutreja 09:00 Pathogen evasion and escape from existing vaccines Prof Balaji Veeraraghavan, Professor in Clinical Bacteriology, Christian Medical College, India New aspects of an old disease: Diphtheria and toxigenic Corynebacterium spp. 09:30 Prof Andreas Sing, Specialist in Microbiology and Infection Epidemiology, Bavarian State Office for Health and Food Safety (LGL), Germany Theme: Working Together - Bridging the Gaps **Chair: Prof Janet Hemingway** 10:00 **The Power of Partnerships** Dr Debbie King, Vaccine Research Lead, Infectious Disease Prevention, Wellcome, UK **Considerations on veterinary bacterial vaccines** 10:30 Prof Peter Borriello, Trustee of Safe Medicines for Animals- regulatory training (SMArt), UK 11:00 Refreshments 11:30 **Oral Presentations from selected abstracts** Chair: Dr Matt O'Shea See Appendix 1 12:15 Lunch 13:45 **Oral Presentations from selected abstracts** Chair: Dr Adrian Shields See Appendix 1 14:30 Refreshments Theme: Neglected Pathogens Group A Strep & Shigella Chair: Dr Francesca Micoli 15:00 Group A Streptococcus vaccine pipeline Prof Andrew Steer, Director of Infection, Immunity and Global Health, Murdoch Children's Research Institute, Australia 15:30 The road to a Strep A vaccine Dr Danilo Gomes Moriel, Senior Project Leader, GSK Vaccines Institute for Global Health 16:00 Development of a Shigella multivalent bioconjugate vaccine: A phase I/II randomized, controlled and age descending study including dose finding in Kenyan infants Mr Chinaza Ezirim, Clinical Project Manager, LimmaTech Biologics AG, Switzerland 16:30 **Closing remarks for conference** Prof Cal MacLennan, Director of BactiVac, UK Prof Adam Cunningham, Co-Director of BactiVac, UK 16:45 **Close of programme**

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APPENDIX 1

4th ANNUAL NETWORK MEETING

Edgbaston Park Hotel & Conference Centre, Birmingham, UK

THURSDAY 19 October 2023 ABSTRACT ORAL PRESENTATIONS

	Oral Presentations from selected abstracts Chair: Dr Matt O'Shea
11:30	Development of Large-Scale Antibody-Depleted Human Complement for Vaccine Immunogenicity Testing Dr Chris Lyle, Chief Technology Officer, Pel-Freez Biologicals, USA
11:45	The protein target of a patient-derived fully-human monoclonal antibody against Neisseria meningitidis is a novel cross-protective antigen Dr Camilla Gladstone, Post-doctoral Research Associate, Imperial College London, UK
12:00	Does maternal pertussis immunisation during pregnancy impact infant antibody responses to subsequent routine pertussis vaccines? Dr Anja Saso, Global Health Clinical PhD Fellow/Paediatrician, MRC Unit The Gambia at the London School of Hygiene and Tropical Medicine, The Gambia
12:15	Lunch
	Oral Presentations from selected abstracts Chair: Dr Adrian Shields
13:45	Development of bovine herpesvirus 4 (BoHV-4) as a safe, inexpensive, single-dose vaccine to control Streptococcus suis infection in domestic pigs Dr Hester Nichols, Project Lead, The Vaccine Group Ltd, UK
14:00	Novel T-Cell-Based Vaccines to fight eskape infections globally Miss Paulina Zarodkiewicz, PhD student, Queen's University Belfast, Northern Ireland
14:15	Development and immunogenicity of carbohydrate-based vaccine against Group A Streptococcus Dr Sowmya Ajay Castro, Senior Research Associate, University of Dundee, UK
14:30	Refreshments

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