

THE 2015 VACCINE SUMMIT

AGENDA



13th - 15th October 2015
London, UK

EuroSciCon 

Now in its third year, this international interdisciplinary event is an open forum for discussion of all scientific and clinical aspects of vaccine development and vaccinations. Using a multi-professional and inter-specialty approach this event offers plenty of opportunity for networking and debate, and will bring you up to date with current research and thinking.

This event has [CPD accreditation](#)

Hashtag: #Vac2015

www.regonline.co.uk/Vac2015

Contents

AGENDA.....	6
Day 1: Targets and Delivery	6
Introduction by the Chair	6
Integration of biology and mathematical modelling towards a better understanding of pathogen behaviour and rational design of improved bacterial vaccines.....	6
Factors Influencing the Recommendation of the Human Papillomavirus Vaccine by South African Doctors.....	6
Therapeutic Use of Vaccine for Treatment of Chronic Hepatitis B: From Bench to Bedside.....	6
Sublingual vaccination and vaccine delivery systems.....	6
Why do parents who usually vaccinate their children hesitate or refuse? General good vs. individual risk	6
Oral Presentation:.....	6
VACCINE-INDUCED PITYRIASIS ROSEA AND PITYRIASIS ROSEA-LIKE ERUPTIONS: A REVIEW OF THE LITERATURE	6
Patient Safety: Using technology to select the right vaccine, right person, right schedule.....	6
Oncolytic activity of attenuated Measles virus against mesothelioma	6
HIV-1 Vaccines: The Yin and Yang of Viral Entry Where We Keep Getting It Wrong	6
New data for Vaccination for Pneumococcus	6
Question Time	6
Chairman's Summing Up.....	6
AGENDA.....	7
Day 2, Morning Session: Adjuvants and Production	7
Introduction by the Chair.....	7
Effect of oil adjuvants on integrity of foot-and-mouth disease virus vaccine antigens	7
Oral Presentations	7
THE COMPLEXITY OF CHICKEN VACCINATION AGAINST LP AIV H9N2 IN VIEW OF PHYLOGENETICS, ANTIGENIC CARTOGRAPHY AND THE CHALLENGE DOSES.....	7
POLYION COMPLEX (PIC) NANOPARTICLES AS A NOVEL AND BIODEGRADABLE ADJUVANT FOR POTENT INDUCTION OF ADAPTIVE IMMUNITY.....	7
Plant-Made Vaccines for Developing Countries.....	7
Oral vaccines for the control of poultry diseases.....	7
Afternoon Session: Immune and Immunotherapy Responses	7
Introduction by the Chair.....	7
Approaches for inducing an immune response against tumor antigens.....	7
Human HCMV-specific antibody responses generated following immunisation with a subunit gB vaccine.....	7
A β immunotherapy with single chain variable fragments for Alzheimer's disease	7
Immunochemical and protective activity of pneumococcal protein-containing compounds in the experiment.....	7
Question Time	7
AGENDA.....	8
Day 3: Pseudotypes and VLPs: production, standardisation and vaccination	8
Introduction by chair: Pandemic preparedness initiatives for influenza and MERS using viral pseudotypes	8
State of the art of VLP-based vaccines against influenza virus- commercial and scientific approach	8

Oral Presentations	8
The Viral Vector Vaccine VSV-GP Boosts the Immune Response upon Repeated Applications	8
Pseudotype-based neutralisation assays for influenza: a systematic analysis	8
Poor responders to equine influenza immunisation: independent impact of age and maternal-derived antibodies on short and mid-term protective antibody levels in Thoroughbred foals	8
Clostridium difficile Vaccine- C diffense Study	8
Introduction by the Chair	8
Optimisation of influenza pseudotyped lentivirus production	8
Overview of assays for influenza vaccines immunology evaluation and correlates of protection	8
Realising the Potential of Viral Vectored Vaccines	8
Reference materials and standards for serological assays in vaccine evaluation	8
Development of a Lentivirus-Based Reference Material for Zaire Ebola Virus Nucleic Acid Amplification Assays	8
Designing new vaccines to safeguard global poliovirus eradication	8
Chairman’s Summing Up.....	8
About the Speakers.....	9
Amit Arora,.....	9
Anthony Amaechi ATTAMA,.....	9
Sheikh Mohammad Fazle Akbar,.....	9
Cynthia L. Bristow,.....	9
Masanori Baba,.....	9
George Carnell,.....	9
Jean-François Fonteneau,.....	9
Anat Gesser-Edelsburg,.....	10
Beata Gromadzka,.....	10
Sarah Gilbert,.....	10
Kathleen Hefferon,.....	10
Muhammad Hoque,.....	10
Michiel M. Harmsen,.....	10
Janine Kimpel,.....	10
Davidson Irit,.....	10
Jonathan Lewis,.....	11
Andrew Macadam,.....	11
Emanuele Montomoli,.....	11
Giada Mattiuzzo,.....	11
Gary R McLean,.....	11
Piero Mastroeni,.....	11
Mark Page,.....	12
Romain Paillot,.....	12
Simon Scott,.....	12

Jaroslav Turánek,	12
Denis Vorobyev,.....	12
Sandra Villegas,.....	12
Adrienne Willcox,.....	12
About this Event	13
Discussion Sessions	13
Session breaks.....	13
Lunch	13
• All the chicken in our lunch buffet is Halal.....	13
• We have a number of dishes that are gluten free.....	13
• We have a range of vegetarian dishes which are separated from the meat and fish dishes	13
• We have a number of dishes that are dairy free.....	13
• Please note that all food has been prepared in an environment where nuts may be present.	13
Missing Speakers.....	13
FREQUENTLY ASKED QUESTIONS ABOUT OUR EVENTS	14

AGENDA

(talk times include 5 minutes for questions)

Day 1: Targets and Delivery

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:15	Introduction by the Chair Integration of biology and mathematical modelling towards a better understanding of pathogen behaviour and rational design of improved bacterial vaccines	<i>Dr Piero Mastroeni</i> , Reader in Infection and Immunity, University of Cambridge, UK
10:15 – 10:45	Factors Influencing the Recommendation of the Human Papillomavirus Vaccine by South African Doctors	<i>Dr Muhammad Hoque</i> , University of KwaZulu-Natal (Westville Campus), Durban, South Africa
10:45 – 11:15	Therapeutic Use of Vaccine for Treatment of Chronic Hepatitis B: From Bench to Bedside	<i>Dr. Sheikh Mohammad Fazle Akbar</i> , MBBS, MD, PhD, Principal Investigator, Toshiba General Hospital, Tokyo, Japan
11:15 – 11:45	Session Break	Refreshments, Poster viewing, Sponsors exhibition
11:45 – 12:15	Sublingual vaccination and vaccine delivery systems	<i>Mr. Jaroslav Turánek</i> , Head of Department of Immunology and Immunotherapy, Veterinary Research Institute, Czech Republic
12:15 -12:45	Why do parents who usually vaccinate their children hesitate or refuse? General good vs. individual risk	<i>Dr Anat Gesser-Edelsburg</i> , Head of Health Promotion Department, School of Public Health, University of Haifa, Israel
12:45 – 13:00	Oral Presentation: VACCINE-INDUCED PITYRIASIS ROSEA AND PITYRIASIS ROSEA-LIKE ERUPTIONS: A REVIEW OF THE LITERATURE	<i>Dr Giulia Ciccarese</i> , Department of Dermatology, University of Genoa, Genoa, Italy
13:00 – 14:00	Session Break	Lunch, Poster viewing, Sponsors exhibition
14:00 – 14:30	Patient Safety: Using technology to select the right vaccine, right person, right schedule.	<i>Dr Adrienne Willcox</i> , Health Team Ltd., Glos, UK
14:30 – 15:00	Oncolytic activity of attenuated Measles virus against mesothelioma	<i>Dr Jean-François Fonteneau</i> , Chargé de recherche INSERM, INSERM UMR892, CNRS UMR6299, Institut de Recherche en Santé de l'Université de Nantes, France.
15:00 – 15:30	Session Break	Refreshments, Last poster viewing, Last Sponsors exhibition
15:30 – 16:00	HIV-1 Vaccines: The Yin and Yang of Viral Entry Where We Keep Getting It Wrong	<i>Dr Cynthia L. Bristow</i> , Chief Executive Officer, Alpha-1 Biologics, New York, USA
16:00 – 16:30	New data for Vaccination for Pneumococcus	<i>Dr Paraskevi A. Katsaounou</i> , Assistant Professor of Pulmonary Medicine, Medical School University of Athens Evangelismos Hospital, Chair of Smoking Cessation Group Hellenic Thoracic Society Chair Group 6.3 Tobacco, Smoking Control and Health Education ERS Greece,
16:30 – 17:00	Question Time	What areas of research are you current involved in? Which feature of your current research portfolio do you find the most exciting, aspiring and promising for the future?
17:00	Chairman's Summing Up	Close of Session

PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE

AGENDA

(talk times include 5 minutes for questions)

Day 2, Morning Session: Adjuvants and Production

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:30	Introduction by the Chair	<i>Dr. Michiel M. Harmsen</i> , Scientist, Central Veterinary Institute Wageningen UR, Division Virology, Lelystad, The Netherlands
	Effect of oil adjuvants on integrity of foot-and-mouth disease virus vaccine antigens	
10:30 – 11:00	Oral Presentations	
10:30 – 10:45	THE COMPLEXITY OF CHICKEN VACCINATION AGAINST LP AIV H9N2 IN VIEW OF PHYLOGENETICS, ANTIGENIC CARTOGRAPHY AND THE CHALLENGE DOSES	<i>Dr Davidson Irit</i> , Division of Avian Diseases, Kimron Veterinary Institute, Bet Dagan, Israel
10:45 – 11:00	POLYION COMPLEX (PIC) NANOPARTICLES AS A NOVEL AND BIODEGRADABLE ADJUVANT FOR POTENT INDUCTION OF ADAPTIVE IMMUNITY	<i>Dr. Masanori Baba</i> , Center for Chronic Viral Diseases, Kagoshima University, Kagoshima, Japan
11:00 – 11:30	Group Photo and Session Break	Refreshments, Poster viewing, Sponsors exhibition
11:30 – 12:00	Plant-Made Vaccines for Developing Countries	<i>Dr Kathleen Hefferon</i> , University of Toronto, Canada
12:00 – 12:30	Oral vaccines for the control of poultry diseases	<i>Professor Anthony Amaechi ATTAMA</i> , Drug Delivery and Nanomedicines Research Unit, Department of Pharmaceutics, University of Nigeria, Nsukka, Enugu State, Nigeria
12:30 – 13:30	Session Break	Lunch, Poster viewing Sponsors exhibition
Afternoon Session: Immune and Immunotherapy Responses		
13:30 – 14:00	Introduction by the Chair	<i>Dr Jonathan Lewis</i> , Boston, USA
	Approaches for inducing an immune response against tumor antigens	
14:00 – 14:30	Human HCMV-specific antibody responses generated following immunisation with a subunit gB vaccine	<i>Dr Gary R McLean</i> , Imperial College London & London Metropolitan University, London, UK
14:30 – 15:00	Session Break	Refreshments, Last poster viewing, Last Sponsors exhibition
15:00 – 15:30	Aβ immunotherapy with single chain variable fragments for Alzheimer's disease	<i>Dr Sandra Villegas</i> , Universitat Aut3noma de Barcelona (UAB), Barcelona, Spain
15:30 – 16:00	Immunochemical and protective activity of pneumococcal protein-containing compounds in the experiment	<i>Dr Denis Vorobyev</i> , Federal State Budgetary Scientific Institution "I. Mechnikov Research Institute of Vaccines and Sera", Moscow, Russia
16:30 – 17:00	Question Time	What do you foresee to be the challenges and limitations toward development of an effective vaccine in your field of research? What can we do as stakeholders to bring forward success in the field?
17:00	Chairman's Summing Up	Close of Session
PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE		

AGENDA

(talk times include 5 minutes for questions)

Day 3: Pseudotypes and VLPs: production, standardisation and vaccination

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:15	Introduction by chair: Pandemic preparedness initiatives for influenza and MERS using viral pseudotypes	<i>Dr Nigel Temperton</i> , Medway School of Pharmacy, The Universities of Greenwich and Kent at Medway, UK
10:15 – 10:45	State of the art of VLP-based vaccines against influenza virus- commercial and scientific approach	<i>Dr Beata Gromadzka</i> . Department of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology, University of Gdansk, Medical University of Gdansk, Poland
10:45 – 11:00	Oral Presentations The Viral Vector Vaccine VSV-GP Boosts the Immune Response upon Repeated Applications	<i>Janine Kimpel</i> , Medical University of Innsbruck, Division of Virology Medical University of Innsbruck, Innsbruck, Austria
11:00 – 11:20	Group Photo and Session Break	Refreshments, Poster viewing, Sponsors exhibition
11:20 – 11:50	Pseudotype-based neutralisation assays for influenza: a systematic analysis	<i>George Carnell</i> , Viral Pseudotype Unit, School of Pharmacy, University of Kent, UK
11:50 – 12:20	Poor responders to equine influenza immunisation: independent impact of age and maternal-derived antibodies on short and mid-term protective antibody levels in Thoroughbred foals	<i>Dr Romain Paillot</i> , Animal Health Trust, Kentford, Newmarket, UK
12:20 - 12:50	Clostridium difficile Vaccine- C diffense Study	<i>Dr Amit Arora</i> , Consultant physician and Geriatrician, University Hospital of North Midlands, Stoke on Trent, United Kingdom
12:50 – 13:30	Session Break	Lunch, Poster viewing Sponsors exhibition
Afternoon Session		
13:30 – 13:35	Introduction by the Chair	<i>Dr Simon Scott</i> , Lecturer, University of Kent, Chatham, UK
13:35 – 14:05	Optimisation of influenza pseudotyped lentivirus production	Rebecca Kinsley, University of Kent, Chatham, UK
14:05 – 14:35	Overview of assays for influenza vaccines immunology evaluation and correlates of protection	<i>Professor Emanuele Montomoli</i> , Dept. of Molecular and Developmental Medicine, University of Siena, Italy
14:35 – 15:05	Realising the Potential of Viral Vectored Vaccines	<i>Dr. Sarah Gilbert</i> , University of Oxford, Jenner Institute, Oxford, UK
15:05 – 15:30	Session Break	Refreshments, Poster viewing, Sponsors exhibition
15:30 – 16:00	Reference materials and standards for serological assays in vaccine evaluation	<i>Dr Mark Page</i> , National Institute for Biological Standards & Control, Potters Bar, UK
16:00 – 16:30	Development of a Lentivirus-Based Reference Material for Zaire Ebola Virus Nucleic Acid Amplification Assays	<i>Dr Giada Mattiuzzo</i> , NIBSC-MHRA, Potters Bar, UK
16:30 – 17:00	Designing new vaccines to safeguard global poliovirus eradication	<i>Dr Andrew Macadam</i> , NIBSC, Herts, United Kingdom
17:00	Chairman's Summing Up	Close of Event
PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE		

About the Speakers

Amit Arora, Consultant physician and Geriatrician, University Hospital of North Midlands, Stoke on Trent, United Kingdom

Dr Amit Arora is the immediate past Chairman of the England National Council of the British Geriatrics Society. He has been a Deputy Chairman of the Medical Specialties Committee of the British Medical Association and has been an advisor member for the Disability Living Allowance Advisory Board in England.

He has a keen interest in National and International Health quality and policy for the ageing population and in particular 'healthy ageing'. He is a full time clinician but has over 100 publications including invited book chapters, editorials and reviews.

He led the cohort ward at University hospital to reduce the incidence of Clostridium difficile from almost a 1000 a year to less than 100 a year and this has been maintained at this low level. He is one of the Principal Investigators for the Clostridium difficile vaccine study.

Anthony Amaechi ATTAMA, Drug Delivery and Nanomedicines Research Unit, Department of Pharmaceutics, University of Nigeria, Nsukka, Enugu State, Nigeria

Prof. Attama obtained a Ph.D. degree in Pharmaceutics from the University of Nigeria, Nsukka and thereafter, proceeded to Technical University Braunschweig, Germany for his postdoctoral research in pharmaceutical nanotechnology. His research interests include among others, development and formulation of novel delivery systems (e.g. micro/nano systems) of bioactive agents for the control of tropical diseases. He supervises postgraduate students and has many articles published in peer-reviewed journals. He has fostered the establishment of some pharmaceutical industries in Nigeria.

Sheikh Mohammad Fazle Akbar, MBBS, MD, PhD, Principal Investigator, Toshiba General Hospital, Tokyo, Japan
Graduated in Medicine and Surgery from Bangladesh in 1980 and received PhD in Medical Sciences from Japan in 1993. Worked as full faculty member of Ehime University, Japan, from 1996 to 2008 and joined Toshiba General Hospital, Tokyo, Japan as Principal Investigator from 2008. Worked to elucidate pathogenesis of chronic liver diseases and hepatocellular carcinoma; subsequently developed a new and innovative immune therapy for treatment of patients with chronic hepatitis B. Involved to develop collaboration between advanced and developing countries for containment of infectious diseases

Cynthia L. Bristow, Chief Executive Officer, Alpha-1 Biologics, New York, USA

Founder and CEO, Alpha-1 Biologics, developing diagnostics and therapeutics for restoring the immune system and regulating cholesterol. Former Research Associate, The Rockefeller University, laboratory of

Dr. Ralph Steinman, 2011 Nobel Laureate in Physiology or Medicine, New York, NY.

Former Assistant Professor in Medicine, Weill Cornell Medical College, New York, NY.

Masanori Baba, Center for Chronic Viral Diseases, Kagoshima University, Kagoshima, Japan

The presenting author Dr. Masanori Baba was graduated in Fukushima Medical College, Japan in 1980. From 1986 to 1989, he was a postdoc at Rega Institute, Katholieke Universiteit Leuven, Belgium, where he was investigating antiviral agents. He returned to Japan in 1989 and moved to Kagoshima University in 1994. His major scientific contributions are the discovery and development of novel CCR5 inhibitors as anti-HIV-1 agents, the identification of novel nucleoside reverse transcriptase inhibitors, and the discovery and development of biodegradable nanoparticles with efficient antigen-carrying capacity and potent adjuvant activity. He is currently a dean of Kagoshima University.

George Carnell, Viral Pseudotype Unit, School of Pharmacy, University of Kent, UK

George read Biology with Microbiology at Imperial College London and Medical Microbiology at the London School of Hygiene and Tropical Medicine. He is now a PhD student at the Viral Pseudotype Unit, Universities of Greenwich and Kent, where he works on the production of pseudotypes bearing influenza glycoproteins and their use in neutralisation assays.

Jean-François Fonteneau, Chargé de recherche INSERM, INSERM UMR892, CNRS UMR6299, Institut de Recherche en Santé de l'Université de Nantes, France

During my PhD, I studied cytotoxic T cells response against melanoma in Pr F. Jotereau lab, Nantes, France (1996-99). I joined Dr N. Bhardwaj in Dr R. Steinman Lab at Rockefeller University, New York, USA (1999-2003), as a post-doctoral fellow, where I studied DC biology, notably cross-presentation of viral and tumor Antigens. Then, I returned to Pr F. Jotereau Lab to identify melanoma Ag recognized by patients T cells (2003-08). In 2009, I

joined Dr M. Gregoire Lab, INSERM UMR892, to study attenuated measles virus as an oncolytic virus for virotherapy of pleural mesothelioma.

Anat Gesser-Edelsburg, Head of Health Promotion Department, School of Public Health, University of Haifa, Israel

Anat Gesser-Edelsburg, PhD, is the Head of Health Promotion Department at Haifa University School of Public Health and an adjunct lecturer at the Sammy Ofer School of Communications, Interdisciplinary Center Herzliya. Her research focuses on health and risk communication, social marketing, entertainment-education, health promotion, persuasive communications and qualitative research.

Her two most recent research grants (TellMe and ASSET) are from the European Union's Seventh Framework Programme (FP7-Health and FP7-Science in Society accordingly), focusing on transparent communication in epidemics and on action plan on science and society in epidemics and total pandemics.

Beata Gromadzka, Department of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology, University of Gdansk, Medical University of Gdansk, Poland

Sarah Gilbert, University of Oxford, Jenner Institute, Oxford, United Kingdom

Professor Sarah Gilbert leads the human influenza vaccine programme at the Jenner Institute, University of Oxford. She conducted the first clinical trials of vaccines designed to boost cross-reactive T cell responses against influenza antigens and is now conducting a clinical trial employing two different viral vectors to induce long-lasting cross-reactive immunity to influenza. She also leads the viral vector development group, producing improved viral vectors for all Jenner Institute vaccine programs.

Kathleen Hefferon, University of Toronto, Canada

Kathleen Hefferon completed her PhD at the University of Toronto in Molecular Virology. She has been a post-doctoral fellow and then a faculty member at Cornell University. Kathleen has written two books, edited several others and holds a number of patents. Kathleen's research interests include agricultural biotechnology, food science and global health.

Muhammad Hoque, University of KwaZulu-Natal (Westville Campus), Durban, South Africa

Dr Hoque obtained his PhD degree in Medical Science from University of Antwerp, Belgium. He is the recipient of many research awards. Dr Hoque received the "Best Overall Upcoming Researcher" as Research Excellence Award from the University of Limpopo, South Africa in 2012. He also received "Young investigators Award" from the 21st Asia Pacific Cancer Conference held in Malaysia in 2011. He has published more than 50 articles in International and National peer reviewed journals.

Michiel M. Harmsen, Scientist, Central Veterinary Institute Wageningen UR, Division Virology, Lelystad, The Netherlands

Michiel Harmsen is scientist at the Central Veterinary Institute, Lelystad, The Netherlands, since obtaining his PhD in 1995. His research focusses on use of llama single-domain antibody fragments (nanobodies) in the veterinary field, especially post-weaning diarrhoea, FMDV and influenza. He published over 25 papers on these topics. In 2001 he started isolating nanobodies against FMDV, initially for therapeutic purposes. He later started using these nanobodies for development of assays to quantify FMDV antigens in vaccines. These assays led to insights that significantly changed the way FMDV vaccines are manufactured nowadays.

For further information see: <http://www.wageningenur.nl/en/show/Custom-singledomain-antibody-isolation-services.htm>

Janine Kimpel, Medical University of Innsbruck, Division of Virology Medical University of Innsbruck, Innsbruck, Austria

Dr. Janine Kimpel is a junior group leader at the Division of Virology at the Medical University of Innsbruck. Her group develops viral vector vaccines based on the Vesicular Stomatitis Virus (VSV) against viral infections (e.g. HIV).

Davidson Irit, Division of Avian Diseases, Kimron Veterinary Institute, Bet Dagan, Israel

Irit Davidson, Ph.D, senior scientist Division of Avian Diseases, Kimron Veterinary Institute, Bet Dagan, Israel, focuses on Avian Virology. Dr. Davidson research concerns oncogenic and immunosuppressive viruses, MDV, REV, ALV, ALV-J, CAV, ILTV, TMEV and research on AIV, H9N2. Recently ID revealed the AIV-H9N2 suitability of antigenic cartography versus phylogenetics to determine the vaccine virus. Other main studies include (a) feathers as a source of avian viruses, (b) the original demonstration of avian retrovirus integration into DNA viruses, (MDV and FPV) *in vivo*. Overall, her studies define as "FROM THE FIELD TO THE LAB AND BACK TO THE FIELD".

Jonathan Lewis, Boston, United States

Jonathan Lewis, M.D., Ph.D is the Chairman of Molecular Ninja Therapeutics. He was formerly CEO of ZIOPHARM Oncology. He served as Professor of Surgery and Medicine at Memorial Sloan-Kettering Cancer Center. He has been actively involved in leading translational and clinical research in cancer. He has helped develop several drugs in cancer. He has received numerous honors and awards in medicine and science, including the ASCO Young Investigator Award, the Kristen Carr Fellowship, the Yale University Ohse Award, the Royal College of Surgeons Trubshaw Medal, and the Sarcoma Foundation of America Hope and Vision Award. He serves as a Director on the Board of POPPA (the Police Organization Providing Peer Assistance) of the New York Police Department (NYPD). He serves on the Board of Trustees for the Hope Funds for Cancer Research and as Board Trustee for the Kate McGarrigle Foundation. He serves on the boards of several private companies. He is on the Medical Advisory Board of the Sarcoma Foundation of America and on the Scientific Advisory Board of the Combat Wound Initiative Program of the Henry Jackson Foundation for the Advancement of Military Medicine.

Andrew Macadam, NIBSC, Herts, United Kingdom

Andrew Macadam is a Principal Scientist in the Division of Virology at the National Institute for Biological Standards and Control (NIBSC), UK, where he runs a research group specializing in the molecular biology of polio vaccines. Currently the major focus of the lab is on the design of new poliovaccine candidates of improved safety which will be useful after polio eradication. He joined NIBSC in 1989 on a postdoctoral position after gaining a PhD from Imperial College and a BA in Biochemistry from the University of Oxford.

Emanuele Montomoli, Dept. of Molecular and Developmental Medicine, University of Siena, Italy

Emanuele Montomoli is Professor on Public Health in the Department of Molecular Medicine at University of Siena in Italy. He received his BSc and MSc in Life Sciences from University of Siena in Italy in 1995 and he earned his MBiochem in 2001.

He is also Chief of Scientific Office of VisMederi srl, a private enterprise involved in management and serology for clinical trials and focussed studies with human viruses for pharmaceutical companies.

His research interests is primarily in the field of influenza vaccines, and in particular in the study of correlates of protection. He is expert in development, standardization and validation of assays for antibody detection.

Giada Mattiuzzo, NIBSC-MHRA, Potters Bar, United Kingdom.

Dr Giada Mattiuzzo graduated from the University of Padua, Italy and worked in the Department of Microbiology on gene therapy for HIV infection; she visited Dr Wayne Marasco's lab at Harvard Medical School screening phage display libraries for identification of antibodies against HIV-1. She obtained her PhD in Molecular Virology at University College London in Dr Takeuchi's lab, looking at virus-host interactions of porcine endogenous retrovirus. She's working at the National Institute for Biological Standards and Control on the production WHO International Standards for human papilloma virus and Ebola virus, and development of new assays for the control of viral vaccines and immunoglobulins.

Gary R McLean, Imperial College London & London Metropolitan University, London, UK

Dr McLean completed his Ph.D in pathology at the University of Otago in New Zealand and performed postdoctoral studies at the University of British Columbia (Canada) and Albert Einstein College of Medicine (USA). He then joined the Faculty at the University of Texas Health Science Centre Houston (USA) before relocating to London, UK where he is now a Reader in Molecular Immunology. He has published 30 papers in peer-reviewed scientific journals in serves as an editorial board member and reviewer of numerous reputed journals in immunology.

Piero Mastroeni, Reader in Infection and Immunity, University of Cambridge, United Kingdom

Dr Mastroeni is a Reader at the University of Cambridge.

He obtained a Degree in Medicine and Surgery at the University of Messina, Italy prior to moving to the UK where he obtained a PhD at the Department of Pathology of the University of Cambridge and worked as a postdoctoral Fellow at Imperial College, London.

His research has established several landmarks in the fields of pathogenesis of bacterial infections, immunity, immunoevasion and vaccine development.

His research group is currently engaged in immunological and molecular approaches towards a global understanding of host pathogen interactions with a primary focus on immunity and vaccination.

Mark Page, National Institute for Biological Standards & Control, Potters Bar, UK

Has over 20 years experience in the viral vaccines research field. After gaining a PhD in Immunology at the University of Wales, Swansea, he was employed for two post-doctoral research fellow positions at St George's Hospital, London and at University College London. He has also headed up a vaccine research unit in a pharmaceutical company for 5 years in the development and licensing of a new hepatitis B vaccine. He has had 13+ years experience in the HIV/AIDS vaccine research. Currently employed at NIBSC as a Principal Scientist and is the co-ordinator for the Ebola virus project to produce reference standards through the WHO.

Romain Paillot, Animal Health Trust, Kentford, Newmarket, UK

Dr Paillot is currently Head of Immunology at the Animal Health Trust. His work focused on immunity to equine respiratory pathogens and protection induced by several modern equine vaccines. In collaboration with the Bacteriology unit, several superantigens produced by *Streptococcus equi* and *Streptococcus zooepidemicus* were also identified and investigated. Since June 2013, Romain holds a Chair of Equine Immunology in order to develop a collaborative research program between the U2RM unit of the University of Caen Basse-Normandie, the Frank Duncombe Laboratory and the AHT.

Simon Scott, Lecturer, University of Kent, Chatham, United Kingdom

Dr Scott began his research career as a DNA virologist, working in Cambridge and Newmarket on the molecular biology of animal herpesviruses. Following an EU fellowship in Amsterdam studying human papillomavirus oncology, he spent over a decade undertaking research in the field of cancer gene therapy using DNA and RNA virus delivery vectors, in both the UK and USA. After joining the University of Kent he established the Viral Pseudotype Unit with Dr Nigel Temperton in 2010. His pseudotype work is focussed on neglected influenza viruses and emerging RNA viruses from other virus families (e.g. flaviviruses).

Jaroslav Turánek, Head of Department of Immunology and Immunotherapy, Veterinary Research Institute, Czech Republic

Education- 1982 Graduated from the Faculty of Natural Science at Masaryk University, (biochemistry); Ph.D. in the field of Biochemistry and Physical Chemistry (1987).

Research Interests: Anticancer and antiviral drugs; nanodelivery systems for drugs, molecular adjuvants and recombinant vaccines; nanotechnology, liposomes; immunotherapy of infectious diseases.

Technology transfer: author of several patents on new anticancer and antimicrobial drugs, molecular adjuvants for recombinant vaccines.

Teaching activities - Masaryk University;

Member of the Commission for state examinations; Course on Immunology; PGS instructor for biochemistry

Technical University, Brno, Course on Immunochemistry and Biotechnology

Chairman of the Czech Society for Gene and Cell Therapy (2008-2012)

Denis Vorobyev, Federal State Budgetary Scientific Institution "I. Mechnikov Research Institute of Vaccines and Sera", Moscow, Russia

Dr Denis Vorobyev completed his PhD at the Mechnikov Research Institute of Vaccines and Sera in the Laboratory of Therapeutic Vaccines. Since 2009 he joined the Laboratory of Therapeutic Vaccines, RIVS as a scientist and senior researcher. Current activity of his research interests is focused on: immunochemical and immunobiological properties of native bacterial proteins. He has published 24 articles in Russian journals.

Sandra Villegas, Universitat Autònoma de Barcelona (UAB), Barcelona, Spain

Ph.D. in Biochemistry and Molecular Biology at the Universitat Autònoma de Barcelona (UAB, 1995), made her postdoctoral stay at the EMBL-Heidelberg on the protein folding field (1995-1998). She has been also a visitor for several months at Eli Lilly and co. (Indianapolis) and CNRS (Marseille). Associate Professor since 2002 at the Department of Biochemistry and Molecular Biology (UAB), was accredited by ANECA as Full Professor in 2012. She is the group Leader of the Protein Folding and Stability Group since 2008, interested in protein misfolding occurring in several devastating conditions affecting humans (AD, but also PD, ataxias, AL-amyloidosis, and atherosclerosis).

Adrienne Willcox, Health Team Ltd., Glos, UK

Adrienne has nursed on an infectious diseases unit and set up private and NHS travel health clinics. The first nurse to be awarded a research grant from the International Society of Travel Medicine resulted in a PhD from the University of Warwick. Adrienne has published research and clinical articles on immunisation and travel health and serves on the International Society of Travel Medicine's research committee. Current research and development work is on a clinical decision-making tool for the safe selection of vaccines. This won e-health Nurse of the Year and the Sunday Times Travel Product awards in 2013.

About this Event

Discussion Sessions

The discussion sessions are an opportunity for informal questions and answers. This is an ideal opportunity to get advice and opinion from experts in this area. This session is not for questions about specific talks, which can be asked after the speakers session, but for discussing either general topics or specific issues.

There are three ways you can ask questions:

1. Before the session you can *submit your question to Euroscicon staff* at the registration desk,
2. Before and during the session you can *submit a question or comments, by email*, which will be provided on the day of the event
3. During the session you can *put your hand up* and join in

Session breaks

All breaks and registrations will take place in the exhibition area where there will be lunch and refreshments.

Please try to visit all the exhibition stands during this event. Not only do our sponsors enable Euroscicon to keep the registration fees competitive, but they are also here specifically to talk to you

Lunch

- All the chicken in our lunch buffet is Halal
- We have a number of dishes that are gluten free
- We have a range of vegetarian dishes which are separated from the meat and fish dishes
- We have a number of dishes that are dairy free
- Please note that all food has been prepared in an environment where nuts may be present.

Missing Speakers

It is unfortunate that occasionally a speaker cannot attend, most usually due to not getting visas granted, unforeseen personal events or illness. Whilst we do everything possible to ensure that our speakers are present at the event we apologise in advance if you were at a session where a speaker could not attend. We always try to keep our agendas as up to date as possible, however if a speaker cancels the night before an event or on the day, there is little we can do to rectify this.

FREQUENTLY ASKED QUESTIONS ABOUT OUR EVENTS

Is the delegate list available?

Yes this is available to everyone who attends the event and our sponsors.

It is available in real time. To access the list please just log into your registration details or use the QR code on right of the agenda card which is provided on the day of the event.

You will not be included in this list if you have opted out and you can do this by logging into your registration details. This list will not be sold or ever give out to third parties.

Can I have the speakers slides?

We cannot give out the slides from our speaker's presentations as they are deleted immediately after each event. If you require a particular set of slides please approach the speaker. We will however have a meeting report and you will be emailed when this report is published.

Can I have a notepad?

Notepads and pens are provided in the delegate bags and at the registration desk

How can I keep up to date with Euroscicon Events?

To keep updated on our events and other Life Science News, please sign up for our newsletter at www.eurosciconnews.com

I don't want my photograph on any Euroscicon promotional material

Please let our tech person know

Is there WIFI?

Yes, please ask registration for log in details

Can I have a CPD/ CME certificate?

CPD certificates will be available in the exhibition hall after lunch.

Please remember that EuroSciCon is a small independent company with no subsidies from society memberships or academic rates for venues. We try to be as reasonably priced as possible and our delegate rates are substantially lower than comparable commercial meeting organisations

MEDIA SPONSORS

