

# THE 2015 INNATE IMMUNITY SUMMIT

## AGENDA

17th - 19th November 2015  
London, UK

EuroSciCon 

**This international interdisciplinary event is an open forum for discussion of current research and thinking regarding an organisms first line of defence. Using a multi-professional and inter-specialty approach this event promises plenty of opportunity for discussion and debate set in an informal atmosphere.**

This event has [CPD accreditation](#)

Hashtag: #Innate2015

[www.regonline.co.uk/innate2015](http://www.regonline.co.uk/innate2015)

## Contents

<b>AGENDA</b> .....	5
<b>Day 1: Anti-Pathogen Defence</b> .....	5
Introduction by the Chair .....	5
Collagenous complement-activating pattern recognition molecules: structure, mode of activation, and involvement in antimicrobial defense and homeostasis .....	5
Potentiation of the CD8 antiviral activity (CAF) by Thymosin alpha 1: new opportunities for immunomodulation during antiretroviral infections .....	5
The role of microRNA and autophagy in innate immune responses to pathogens .....	5
Macrophage plasticity in normal and tumor-reprogrammed immune responses: the key role of the ramification of the signalling mechanisms .....	5
A newly identified innate immune response to HIV infection .....	5
Small molecule modulators of Toll-Like Receptor 4 (TLR4): a new generation of therapeutics .....	5
Question Time .....	5
<b>AGENDA</b> .....	6
<b>Day 2: Inflammation</b> .....	6
Introduction by the Chair .....	6
Heat shock proteins in inflammation.....	6
Endocannabinoids are master regulatory bioactive lipids of innate immunity-driven neuroinflammation .....	6
New insights into the regulation of ILC2s – The enhancement and suppression of allergic lung inflammation .....	6
Tityus serrulatus venom induces inflammation dependent on TLRs recognition and inflammasome activation .....	6
Surfactant Protein A and D: To bind or not to bind? .....	6
Regulation of the innate immune response by sterile injury and inflammasomes.....	6
Chemoattractant chemerin, a novel player in cutaneous defence .....	6
Novel Mediators and Mechanisms in Resolution of Inflammation and Tissue Regeneration: Immunoresolvents .....	6
Ocular Surface Defence Mechanisms and How they are Compromised by Contact Lens wear .....	7
<b>AGENDA</b> .....	7
<b>Day 3: Disease and Defence</b> .....	7
Introduction by the Chair .....	7
In vivo expansion of regulatory neutrophils with a GPCR19 agonist ameliorates systemic inflammation .....	7
HEPARIN EFFECT IN ALVEOLAR MACROPHAGES IN ACUTE LUNG INJURY MODEL .....	7
Ocular Surface Innate Immunity and Dry Eye Disease.....	7
Toll-like receptors in Helicobacter pylori infection & immunity .....	7
Innate Immunity in Atherosclerosis.....	7
About the Speakers .....	8
Amal Amer,.....	8
Joanna Cichy,.....	8
Marta Camprubí-Rimblas,.....	8
Valerio Chiurchiù, .....	8

Jesmond Dalli,.....	8
Lucia Helena Faccioli,.....	9
Jens Christian Jensenius,.....	9
Gaetan Jego,.....	9
Alison M McDermott,.....	9
Áine McKnight,.....	9
Claudia Matteucci,.....	9
Charles D. Mills,.....	10
Igor Malyshev,.....	10
Jens Madsen,.....	10
Francesco Peri,.....	10
Grace Poon,.....	10
Pablo Pelegrin,.....	11
Alexander N. Orekhov,.....	11
Rachel Redfern,.....	11
Seung yong Seong,.....	11
Sinead Smith,.....	11
About this Event.....	12
Discussion Sessions.....	12
Session breaks.....	12
Lunch.....	12
Missing Speakers.....	12
Frequently asked questions about our events.....	13
Is the delegate list available?.....	13
Can I have the speakers' slides?.....	13
Can I have a notepad?.....	13
How can I keep up to date with Euroscicon Events?.....	13
I don't want my photograph on any Euroscicon promotional material.....	13
Is there WIFI?.....	13
Can I have a CPD certificate?.....	13
Personal belongings.....	13

---

## AGENDA

**PLEASE NOTE: DUE TO SECURITY CONTROLS, THERE IS NO ACCESS TO THE VENUE BEFORE 9AM**

(Invited Talk times include 5 – 10 minutes for question; Oral presentations include 2-3 minutes for questions)

### Day 1: Anti-Pathogen Defence

09:00 – 10:00	<b>Exhibitions open</b>	Registration and Refreshments
10:00 – 10:15	<b>Introduction by the Chair</b>	<i>Professor Áine McKnight</i> , Professor of Viral Pathology, Queen Mary University of London, School of Medicine and Dentistry, Blizard Institute, London, UK
10:15 – 10:50	<b>Collagenous complement-activating pattern recognition molecules: structure, mode of activation, and involvement in antimicrobial defense and homeostasis</b>	<i>Professor Jens Christian Jensenius</i> , Department of Biomedicine, Aarhus University, Denmark
10:50 – 11:25	<b>Potential of the CD8 antiviral activity (CAF) by Thymosin alpha 1: new opportunities for immunomodulation during antiretroviral infections</b>	<i>Dr Claudia Matteucci</i> , University of Rome “Tor Vergata”, Rome, Italy
11:25 – 11:55	<b>Group Photo and Session Break</b>	Refreshments, Poster viewing, Sponsors exhibition
11:55 – 12:30	<b>The role of microRNA and autophagy in innate immune responses to pathogens</b>	<i>Dr Amal Amer</i> , Associate Professor, Department of Microbial Infection and Immunity, Center for Microbial Interface Biology, Ohio State University
12:30 – 13:05	<b>Macrophage plasticity in normal and tumor-reprogrammed immune responses: the key role of the ramification of the signalling mechanisms</b>	<i>Dr Igor Malyshev</i> , Head of the Department of Pathophysiology, Moscow State University of Medicine and Dentistry, NJ, USA
13:05 – 14:05	<b>Session Break</b> Lunch, Poster viewing, Sponsors exhibition	
14:05 -14:40	<b>A newly identified innate immune response to HIV infection</b>	<i>Professor Áine McKnight</i> , Professor of Viral Pathology, Queen Mary University of London, School of Medicine and Dentistry, Blizard Institute, London, UK
14:40 – 15:15	<b>Small molecule modulators of Toll-Like Receptor 4 (TLR4): a new generation of therapeutics</b>	<i>Dr Francesco Peri</i> , MSCA-ETN action, Horizon 2020 programme, Department of Biotechnology and Biosciences, University of Milano Bicocca, Italy
15:15 – 15:45	<b>Session Break</b> Refreshments, Last poster viewing, Last Sponsors exhibition	
15:45 – 16:45	<b>Question Time</b>	
16:45 – 17:00	<b>Chairman’s Summing Up</b>	<b>Close of Session</b>

PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE

---

---

## AGENDA

**PLEASE NOTE: DUE TO SECURITY CONTROLS, THERE IS NO ACCESS TO THE VENUE BEFORE 9AM**

(Invited Talk times include 5 – 10 minutes for question; Oral presentations include 2-3 minutes for questions)

### Day 2: Inflammation

09:00 – 09:45	<b>Exhibitions open</b>	Registration and Refreshments
09:45 – 10:30	<b>Introduction by the Chair</b>	<i>Dr Charles D. Mills</i> , PhD, BioMedical Consultants, Marine on St. Croix, MN USA
	<b>Macrophages: The Origin and Purveyor of Immunity in Animals</b>	
10:30 – 11:00	<b>Heat shock proteins in inflammation</b>	<i>Dr Gaetan Jego</i> , Associate professor, University of Burgundy, France
11:00 – 11:30	<b>Group Photo and Session Break</b>	Refreshments, Poster viewing, Sponsors exhibition
11:30 – 12:00	<b>Endocannabinoids are master regulatory bioactive lipids of innate immunity-driven neuroinflammation</b>	<i>Dr Valerio Chiurchiù</i> , European Center for Brain Research; Laboratory of Neurochemistry of Lipids, IRCCS Santa Lucia Foundation, Rome, Italy
12:00 – 12:30	<b>New insights into the regulation of ILC2s – The enhancement and suppression of allergic lung inflammation</b>	<i>Dr Grace Poon</i> , University of British Columbia, Canada
12:30 – 13:30	<b>Session Break</b>	Lunch, Poster viewing Sponsors exhibition
13:30 – 14:00	<b>Tityus serrulatus venom induces inflammation dependent on TLRs recognition and inflammasome activation</b>	<i>Lucia Helena Faccioli</i> , Universidade de São Paulo - Faculdade de Ciências Farmacêuticas de Ribeirão Preto, Brazil
14:00 – 14:30	<b>Surfactant Protein A and D: To bind or not to bind?</b>	<i>Dr Jens Madsen</i> , Sir Henry Wellcome Laboratories, Clinical and Experimental Sciences, Faculty of Medicine, University of Southampton, Southampton, UK
14:30 – 15:00	<b>Regulation of the innate immune response by sterile injury and inflammasomes</b>	<i>Pablo Pelegrin</i> , PhD, Principal Investigator Inflammation and Experimental Surgery Research Unit Murcia Biomedical Research Institute (IMIB) Hospital Virgen de la Arrixaca - Foundation for Healthcare Training & Research of the Region of Murcia (FFIS), Murcia, Spain
15:00 – 15:30	<b>Session Break</b>	Refreshments, Last poster viewing, Last Sponsors exhibition
15:30 – 16:00	<b>Chemoattractant chemerin, a novel player in cutaneous defence</b>	<i>Dr Joanna Cichy</i> , Faculty of Biochemistry, Biophysics & Biotechnology, Jagiellonian University, Krakow, Poland
16:00 – 16:30	<b>Novel Mediators and Mechanisms in Resolution of Inflammation and Tissue Regeneration: Immunoresolvents</b>	<i>Dr Jesmond Dalli</i> , Brigham's and Women's Hospital and Harvard Institute of Medicine, Boston MA, USA
16:30 – 17:00	<b>Question Time</b>	
17:00	<b>Chairman's Summing Up</b>	<b>Close of Session</b>

**PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE**

---

## AGENDA

**PLEASE NOTE: DUE TO SECURITY CONTROLS, THERE IS NO ACCESS TO THE VENUE BEFORE 9AM**

(Invited Talk times include 5 – 10 minutes for question; Oral presentations include 2-3 minutes for questions)

### Day 3: Disease and Defence

09:00 – 09:45	<b>Exhibitions open</b>	Registration and Refreshments
09:45 – 10:00	<b>Introduction by the Chair</b>	<i>Dr Mona Bajaj-Elliott</i> , University College London, UK
10:00 – 10:35	<b>In vivo expansion of regulatory neutrophils with a GPCR19 agonist ameliorates systemic inflammation</b>	<i>Dr Seung Yong Seong</i> , Department of Microbiology and Immunology, Department of Biomedical Sciences, Seoul National University College of Medicine, Korea
10:35 – 10:55	<b>Oral Presentation</b> <b>HEPARIN EFFECT IN ALVEOLAR MACROPHAGES IN ACUTE LUNG INJURY MODEL</b>	<i>Marta Camprubi-Rimblas</i> , Fundació Parc Taulí, Barcelona, Spain
10:55 – 11:25	<b>Group Photo and Session Break</b> Refreshments, Poster viewing, Sponsors exhibition	
11:25 – 12:00	<b>Ocular Surface Innate Immunity and Dry Eye Disease</b>	<i>Dr Rachel Redfern</i> , Assistant Professor, University of Houston, College of Optometry, Houston, The Ocular Surface Institute, Texas, USA
12:00 – 12:35	<b>Ocular Surface Defence Mechanisms and How they are Compromised by Contact Lens wear</b>	<i>Professor Alison M McDermott</i> , Golden-Golden Professor, Professor of Optometry and Vision Sciences, Professor of Biology and Biochemistry, The Ocular Surface Institute (TOSI), University of Houston, College of Optometry, TX, USA
12:35 – 13:35	<b>Session Break</b> Lunch, Poster viewing Sponsors exhibition	
13:35 – 14:35	<b>Question Time</b>	
14:35 – 15:05	<b>Session Break</b> Refreshments, Last poster viewing, Last Sponsors exhibition	
15:05 – 15:40	<b>Toll-like receptors in Helicobacter pylori infection &amp; immunity</b>	<i>Dr Sinead Smith</i> , Ussher Assistant Professor, Dept. of Clinical Medicine, Dublin, Ireland
15:40 – 16:15	<b>Innate Immunity in Atherosclerosis</b>	<i>Professor Alexander N. Orekhov</i> , Institute of General Pathology and Pathophysiology, Director Institute for Atherosclerosis Research (Skolkovo), Moscow, Russia
16:15	<b>Chairman's Summing Up</b>	<b>Close of Event</b>

**PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE**

## About the Speakers

**Amal Amer**, Associate Professor, Department of Microbial Infection and Immunity, Center for Microbial Interface Biology, Ohio State University

Dr. Amer has been studying how the innate immune system recognizes and responds to pathogens and how mutations in this system lead to disease development. Her work greatly contributed to the field of inflammation, autophagy and host-pathogen interaction. Dr. Amer's unique research angle is focused on how autophagy and the inflammasome interact and modulate each other. Dr. Amer described the role of autophagy in controlling the outcome of intracellular infections such as *Legionella pneumophila* and *Burkholderia cenocepacia*. She also characterized the role of autophagy in cystic fibrosis (CF) and how it predisposes CF patients to specific infections and intense inflammation.

**Joanna Cichy**, Faculty of Biochemistry, Biophysics & Biotechnology, Jagiellonian University, Krakow, Poland  
Joanna Cichy has received her Ph. D degree from Jagiellonian University in Poland. She was a Postdoctoral Fellow at Wistar Institute, USA and a visiting scholar at Stanford University, USA. Her research interest have centered on the role of proteolytic enzymes in regulation of immune responses. She is a recipient of several national and international awards, including Fulbright Award and FIRCA (Fogarty International Research Collaboration Award). Currently she holds an appointment as Professor and Head of Dept. of Immunology at Faculty of Biochemistry, Biophysics and Biotechnology of Jagiellonian University in Krakow where she studies mechanisms underlying cutaneous defence and autoimmunity.

**Marta Camprubí-Rimblas**, Fundació Parc Taulí, Barcelona, Spain

Marta Camprubí-Rimblas studied Biomedicine degree at the University of Barcelona and did her Master studies in "Biochemistry, Biomedicine and Molecular Biology". Now, she is performing her Phd in acute lung injury disease in Fundació Parc Taulí of Sabadell, studying the role of cell therapies and anticoagulants as a treatment for this devastating disease.

Miss. Camprubí-Rimblas has huge experience in cell culture, alveolar cells isolation and molecular and biochemical techniques.

The last studies presented in National Congresses by Marta were awarded. Nowadays, Marta is involved in the study of macrophages polarization after alveolar cell transplantation and heparin administration in lung injury.

**Valerio Chiurchiù**, European Center for Brain Research; Laboratory of Neurochemistry of Lipids, IRCCS Santa Lucia Foundation, Rome, Italy

Dr V. Chiurchiù is a Research Fellow and Principal Investigator in the Laboratory of Neurochemistry of Lipids at the European Center for Brain Research/IRCCS Santa Lucia Foundation in Rome, Italy. He presented his work at more than 25 national or international conferences and received several awards. He is author of more than 25 peer-reviewed publications, out of which 15 as first author, 5 as corresponding author. He is currently Chair Assistant of the 2015 Gordon Conference on "Cannabinoids and the CNS". His research activity is mainly focused on the functional role of several bioactive lipids on innate and adaptive immune populations and on their clinical relevance in neuroinflammatory diseases.

**Jesmond Dalli**, Brigham's and Women's Hospital and Harvard Institute of Medicine, Boston MA, USA

Jesmond Dalli is an Instructor at Harvard Medical School and the Brigham and Women's Hospital working in Dr. Charles Serhan's laboratory. He received a B.Sc in chemistry and biology and a M.Sc in biology from the University of Malta. He then read for and completed a Ph.D at the William Harvey Research Institute, Queen Mary University of London with Prof. Mauro Perretti. His current research efforts in Dr. Serhan's laboratory are focused on the structural elucidation of omega-3 polyunsaturated fatty acid-derived bioactive lipid mediators, assessing their cellular targets and the molecular mechanisms through which these mediators exert their actions in promoting catabasis.



**Lucia Helena Faccioli**, Universidade de São Paulo - Faculdade de Ciências Farmacêuticas de Ribeirão Preto, Brazil  
Lúcia Faccioli has completed her Ph.D. at the age of 29 years from São Paulo University (USP) and postdoctoral studies from National Heart and Lung Institute, London in 1989-1990. She is full professor in Immunology and Class 1A Researcher for the National Council for Scientific and Technological Development, since 2007; head of the Laboratory of Inflammation and Immunology at School of Pharmaceutical Sciences of Ribeirão Preto-USP; member of Postgraduate Committee on Basic and Applied Immunology, at Ribeirão Preto School of Medicine-USP. She has published more than 141 papers in reputed journals and serving as an editorial board member of repute.

**Jens Christian Jensenius**, Department of Biomedicine, Aarhus University, Denmark, Germany  
Prof Jensenius did his master at Copenhagen University and his D. Phil. at Oxford searching for the T-cell antigen receptor, and has since been investigating the collagenous complement-activating pattern recognition molecules for many years, initially with focus on mannan-binding protein (MBL). With his collaborators, he found several of the associated molecules responsible for the biological activities of MBL and the other four molecules in this family. These, more recently discovered PRMs are now also being studied in his lab. While structure and function is the main focus, his lab has also conducted numerous clinical investigations.

**Gaetan Jégo**, Associate professor, University of Burgundy, France  
Gaetan Jégo is an associate professor at the University of Burgundy, France where he holds the INSERM /University of Burgundy chair. After a PhD in haematology at the University of Paris VII, and a research fellowship at the Baylor Institute for Immunology Research (Dallas, USA), he moved back to France as an INSERM investigator to study Toll-like receptors in the context of haematological malignancies. At the Centre de recherche INSERM, he leads a group that study the role of heat shock proteins in the differentiation of immune cells.

**Alison M McDermott**, Golden-Golden Professor, Professor of Optometry and Vision Sciences, Professor of Biology and Biochemistry, The Ocular Surface Institute (TOSI), University of Houston, College of Optometry, TX, USA  
Dr. Alison McDermott is a Professor of Optometry and Vision Sciences and the Scientific Director of The Ocular Surface Institute at The University of Houston College of Optometry. Dr. McDermott received her BSc. and PhD in biochemistry from the University of Surrey, and Imperial College respectively. She joined the faculty of the University of Houston in 1998. The goal of her research is to gain a better understanding of the ocular surface epithelia at the cellular and molecular level, which will lead to novel treatment strategies for ocular surface inflammatory and infectious diseases and improvement of wound healing.

**Áine McKnight**, Professor of Viral Pathology, Queen Mary University of London, School of Medicine and Dentistry, Bizard Institute, London, UK  
Áine McKnight is Professor of Viral Pathology at Queen Mary University of London. Her early career was made possible by a Career Fellowship awarded by The Wellcome Trust to research virus-host interactions of HIV. In 2004 she was awarded an MRC Senior Fellowship. She probed the innate immune response to HIV infection using a whole genome siRNA screen and identified components of the pathway that impeded viral replication. She identified RNA associated Early-stage Anti-viral Factor (REAF) a protein constitutively expressed in human cells to have a critical role in mitigating HIV infection.

**Claudia Matteucci**, University of Rome "Tor Vergata", Rome, Italy  
Since 2008, she is assistant professor of Microbiology at the University of Rome "Tor Vergata". PhD in Experimental Medical Microbiology in 2001; Specialized in Microbiology and Virology in 2003. Grant from the Italian AIDS project (2003-2004). Post-doc researcher position at the Italian National Research Council, to develop a nanotechnology project on cancer chemo-immunotherapy. She contributed to several research projects concerning studies on: apoptosis and immunological response to cancer and infections; cytotoxic effect

of antitumoral and antiviral drugs; combination therapies with Thymosin alpha 1 in mice; apoptosis in lymphoid cells and retrovirus oncogenesis; HERVs in melanoma and neuropsychiatric diseases.

**Charles D. Mills**, PhD, BioMedical Consultants, Marine on St. Croix, MN USA

Dr. Mills discovered M1/Inhibit and M2/Heal-type macrophages. He also showed that M1 and M2-type activity is independent of, and directs, other immune responses, including adaptive immunity. The realization that macrophages/innate immunity is the central controlling element in all immune systems is a breakthrough in understanding how immune responses occur to provide host protection or, if imbalanced, to cause many diseases. He studied at the University of Chicago, then at the Trudeau Institute (where macrophage activation was discovered) and has been on the Faculty at Brown University and the University of Minnesota.

**Igor Malyshev**, Head of the Department of Pathophysiology, Moscow State University of Medicine and Dentistry, NJ, USA

Malyshev Igor is a Head of the Department of Pathophysiology and Head of the Laboratory of Cell Biotechnology, Medical School at the Moscow State University of Medicine and Dentistry; 2. Head of the Laboratory of Stress, Institute of General Pathology and Pathophysiology, Moscow and 3. Adjunct Professor of Biomedical Sciences, University of North Texas Health Science Center, USA. He is a Member of the board of directors of the International Society for Adaptive Medicine and an Editorial board member of Journal of Biosciences and Medicines. He has published 3 books and monographs and 146 full length articles. His scientific interests are immunity, cancer, stress and adaptation.

**Jens Madsen**, Sir Henry Wellcome Laboratories, Clinical and Experimental Sciences, Faculty of Medicine, University of Southampton, Southampton, UK

Dr Madsen completed his undergraduate studies at Odense University, Denmark, with a Bachelor Degree in Molecular Biology followed by a Master of Science degree in Biomedicine. His PhD degree in Immunology was gained from University of Southern Denmark in 2002 followed by a postdoctoral position at the same institution. His second postdoctoral position was at University of California San Francisco from 2004 until 2007 investigating the importance of innate immunity against influenza A virus infections. Since September 2007, Dr. Madsen has been a Lecturer at the Faculty of Medicine, University of Southampton, where he in 2015 became an Associated Professor. Dr Madsen's research focusses on airways and the importance of innate immunity for the maintenance of a normal healthy lung and during infection, inflammation and repair processes.

**Francesco Peri**, MSCA-ETN action, Horizon 2020 programme, Department of Biotechnology and Biosciences, University of Milano Bicocca, Italy

FP is Associate Professor of Organic Chemistry at the Department of Biotechnology and Biosciences, University of Milano-Bicocca. His research interests span the disciplines of organic, bioorganic and medicinal chemistry with an emphasis of study of the interactions between small molecules and their biological (pharmacological) targets. He coordinates the Marie Curie ETN EU project 642157 (2015-2019)– TOLLerant (Toll-Like Receptor 4 activation and function in diseases: an integrated chemical-biology approach). TOLLerant network consists of 8 academic and 2 industrial partners representing 5 countries all across Europe. He has about 90 publications in international journals, 3 international patents (PCT), 5 invited lectures and more than 100 oral communications and posters to International Congresses.

**Grace Poon**, University of British Columbia, Canada

Dr. Grace Poon obtained her PhD degree from the University of British Columbia in the Department of Microbiology and Immunology under the guidance of Dr. Pauline Johnson. Her thesis focused on the role of CD44 and hyaluronan binding in macrophages and dendritic cells during steady state and inflammation. She is currently a Postdoctoral Fellow in Dr. Fumio Takei's Laboratory at the University of British Columbia, Department of Pathology and Laboratory Medicine, where she studies the balance between type 1 and type 2 inflammation. Specifically, she is interested in how type 1 immune response can suppress ILC2-mediated type 2 lung inflammation.

**Pablo Pelegrin**, PhD, Principal Investigator Inflammation and Experimental Surgery Research Unit Murcia Biomedical Research Institute (IMIB) Hospital Virgen de la Arrixaca - Foundation for Healthcare Training & Research of the Region of Murcia (FFIS), Murcia, Spain

Dr. Pelegrín obtained his PhD in September 2003 and he is leading its own independent group since 2009, after being specialized as a postdoc during 6 years in different Universities of the United Kingdom. His research work is seminal in the field of innate immunity and danger signalling recognition, with over 2400 accumulated citations and h-index of 25. He has contributed with articles published in international leading journals such as *Nat Immunol* (IF 26.199) or *Immunity* (IF 21.637). Dr. Pelegrín has been PI of 6 different competitive project grants, including the recently Consolidator Grant from the European Research Council.

**Alexander N. Orekhov**, Institute of General Pathology and Pathophysiology, Director Institute for Atherosclerosis Research (Skolkovo), Moscow, Russia

Orekhov Alexander Nikolaevich was born in Putivl, USSR, June 30, 1949.

Ph.D., Moscow University, Moscow, Russia, 1978. D.Sc., Cardiology Research Center, Moscow, Russia, 1998.

Professor of Biochemistry, Institute of General Pathology and Pathophysiology, Moscow, 2006

Junior Researcher, Leading Researcher, Moscow University, Moscow, Russia, 1972- ; Junior Researcher, Senior Researcher, Leading Researcher, Cardiology Research Center, Moscow, Russia, 1977-1998; Director, Institute for Atherosclerosis Research (Skolkovo), Moscow, Russia, 1992- ; Head of Laboratory, Institute of General Pathology and Pathophysiology, Moscow, 2003- .

Recipient Forschungspreis, Martin Luter University, Halle, Germany, 1987; Young Investigator award XI World Congress of Cardiology, Manila, Philippines, 1990; Outstanding Scientist of Russia, Moscow, 1993.

**Rachel Redfern**, Assistant Professor, University of Houston, College of Optometry, Houston, The Ocular Surface Institute, Texas, USA

The focus of Dr. Redfern's laboratory is to investigate ocular surface inflammation which can be triggered by toll-like receptors (TLR) activation and may result in vision loss. As a clinician scientist, her research uses both molecular biology techniques and clinical techniques to examine the role of TLR in dry eye inflammation and infection using in vivo (humans and murine model) and in vitro cell culture studies. The laboratory's long-term goal is to develop novel therapeutics to blunt inflammation in various conditions such as dry eye syndrome and microbial infections that would alleviate ocular surface discomfort and vision loss.

**Seung yong Seong**, Department of Microbiology and Immunology, Department of Biomedical Sciences, Seoul National University College of Medicine, Korea

Dr. Seung-yong, Seong obtained his MD., Ph.D. (1995) in Seoul National University and started working as a professor (1998) in Seoul National University. He has worked as a research fellow at NIH (2002~2004) with Polly Matzinger, who is a founder of "danger theory". With her, he published an article in *Nature Reviews Immunology* (2004), suggesting that the hydrophobic portions ("Hyppos") on macromolecules would be the initiator of immune responses. He is now a professor of department of biomedical science and also a director of Wide River Immunology Institute of Seoul National University.

**Sinead Smith**, Ussher Assistant Professor, Dept. of Clinical Medicine, Dublin, Ireland

Sinead Smith graduated from University College Dublin with a BSc and Dublin City University with a PhD in Cell & Molecular Biology. Subsequently she carried out postdoctoral research at Trinity College Dublin on *H. pylori* innate immunity and at the Hospital for Special Surgery New York, investigating Notch signaling in inflammatory macrophages. She returned to Trinity College in 2013 as a Joint Ussher Assistant Professor between the Department of Clinical Medicine and the School of Pharmacy. Her research interests include *H. pylori*:host interactions and *H. pylori* antibiotic resistance, with a view to developing new treatment strategies.

## 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 speaker's 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](http://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 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

### Personal belongings

Please take care of all your personal belongings as Euroscicon cannot be held responsible if an item goes missing from the lecture theatre or the exhibition hall.

**SPONSORSHIP**

**SUPPORTING**



**MEDIA**



*EuroSciCon Ltd.* Registered in England and Wales, Company number: 4326921, Trading Address: Euroscicon Ltd, Highstone House, 165 High Street, Barnet, Herts. EN5 5SU, UK. Registered Office: 47 High Street, Barnet, Herts, EN5 5UW, UK