# IMMUNOSUPPRESSION Summit 2016



15th - 17th March 2016 Location: Online



The International Immunosuppression Summit 2016 will bring together scientists to discuss the problems associated with natural and induced immunosuppression.

This event has <u>CPD accreditation</u>

www.lmmunosuppression2016.com #Immuno16

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# **Day 1: Disease-Induced Immunosuppression**

			Day	1: Disease-induced immund	25 uppression
GMT	Tokyo	Sydney	New York		
07:45	16:45	18:45	03:45	Event Online	
08:15	17:15	19:15	04:15	Introduction by the Chair	Dr Guglielmo Pranteda, NESMOS Departement, Università "Sapienza", Roma, Italy
08:30	17:30	19:30	04:30	Malignancies in HIV-infected patients	<i>Dr Bernardino Roca,</i> Hospital General, Jaume University, Castellon, Spain
09:00	18:00	20:00	05:00	The infection status and its influences to methadone maintenance treatment	<i>Dr Yu-Li Liu,</i> National Health Research Institutes, Zhunan, Miaoli County, Taiwan
09:30	18:30	20:30	05:30	Session Break, Open Chat	
10:00	19:00	21:00	06:00	Autoimmunity diseases and cutaneous melanoma	Dr Guglielmo Pranteda, NESMOS Departement, Università "Sapienza", Roma, Italy
10:30	19:30	21:30	06:30	Role of MALT1 inhibition in autoimmunity - to be or not to be?	Professor Outi Vaarala, University of Helsinki, Helsinki, Finland and AstraZeneca, Innovative Medicines, Respiratory, Inflammation and Autoimmunity
11:00	20:00	22:00	07:00	Immunosuppression in Chronic Lymphocytic Leukemia: the key role of c- MET/HGF interaction	Dr. Daniela DeTotero, IRCCS AOU San Martino-IST, Molecular Pathology Lab, Genoa, Italy
11:30	20:30	22:30	07:30	Q and A	
12:00	21:00	23:00	08:00	Session Break, Open Chat	
12:30	21:30	23:30	08:30	Intrinsic inhibitors of T cell signals in the control of tumor-induced immunosuppression	Dr Isabel Mérida, Dept of Immunology and Oncology, National Center for Biotechnology, Darwin 3. Campus UAM/CSIC, Madrid, Spain
13:15	22:15	00:15	09:15	Chairman's Summing Up	Close of Session
				PLEASE NOTE TIMINGS ARE SUBJECT TO	O CHANGE

# **Day 2: Inducing Immunosuppression**

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GMT	Tokyo	Sydney	New York		
08:45	17:45	19:45	04:45	Event Online	
09:00	18:00	20:00	05:00	Introduction by the Chair	<i>Dr Bernardino Roca,</i> Hospital General, Jaume University, Castellon, Spain
09:15	18:15	20:15	05:15	Use of biologic agents in inflammatory eye conditions: benefits and potential risks	Dr Bernardino Roca, Hospital General, Jaume University, Castellon, Spain and Dr Manuel Roca, Hospital Provincial, Jaume I University, Castellon, Spain
09:45	18:45	20:45	05:45	Immunological heterogeneity in type 1 diabetes	<i>Dr. Sefina Arif,</i> King's College London, London, United Kingdom
10:15	19:15	21:15	06:15	Induction of Immunosuppression with polyclonal ATGs: New perspectives	Professor Andres Beiras-Fernandez, Department of Thoracic and Cardiovascular Surgery, Johann Wolfgang Goethe University, Frankfurt, Germany
10:45	19:45	21:45	06:45	Mesenchymal Stromal Cells with Enhanced Immunosuppressive Activity	Dr John Girdlestone, Stem Cells and Immunotherapies, NHSBT Oxford, John Radcliffe Hospital, Headington, Oxford, UK
11:15	20:15	22:15	07:15	Q and A	
11:45	20:45	22:45	07:45	Chairman's Summing Up	Close of Event

PLEASE NOTE TIMINGS ARE SUBJECT TO CHANGE

# Day 3: Immune regulation

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GMT	Tokyo	Sydney	New York		
11:15	20:15	22:15	07:15	Event Online, Poster Viewing	
11:45	20:45	22:45	07:45	Introduction by the Chair  Immunosuppression strategies in liver transplantation in patients with HCC or renal impairment	Dr Dimitrios Giakoustidis, Aristotle University of Thessaloniki, Thessaloniki, Greece
12:30	21:30	23:30	08:30	Mesenchymal stromal cells for immunomodulation	Professor Francesco Dazzi, King's College London, Visiting Professor at Imperial College Rayne Institute, London, UK
13:00	22:00	00:00	09:00	Soluble CTLA-4 and its role in immune regulation	Dr Frank Ward, Institute of Medical Sciences, Aberdeen, United Kingdom
13:30	22:30	00:30	09:30	Session Break, Open Chat and Poster Viewi	ing
13:45	22:45	00:45	09:45	Targeting donor rather than recipient cells to prevent rejection of transplanted organs	Dr Wilson Wong, MRC Centre for Transplantation, King's College London, Guys' Hospital, London, UK
14:15	23:15	01:15	10:15	Selective inhibition of interleukin-21 (IL- 21) signaling blocks type 1 diabetes and chronic allograft rejection	Professor Stanislaw M. Stepkowski, University of Toledo Medical College, Department of Medical Microbiology and Immunology, Toledo, OH, USA
14:45	23:45	01:45	10:45	Stabilizing regulatory T cells for tolerance inducing immunotherapy	Dr. Irma Joosten, DVM.PhD, Director Laboratory of Medical Immunology, Department of Laboratory Medicine, Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands
15:15	00:15	02:15	11:15	Q and A	
				Chairman's Summing Up	Close of Event

# **About the Speakers**

Sefina Arif, King's College London, London, United Kingdom

The focus is on understanding the role of human T cells in the development of type 1 diabetes concentrating in particular on the cytokines secreted in order to assess T cell phenotype. In type 1 diabetes the balance of these cytokines is perturbed leading to a polarisation towards a proinflammatory phenotype and much of the research is directed at examining this balance in heath and disease. In addition, people at high risk of developing type 1 diabetes are prospectively monitored fpr both anti-inflammatory and pro-inflammatory T cells in order to establish the balance of these cells prior to disease onset.

**Francesco Dazzi,** King's College London, Visiting Professor at Imperial College Rayne Institute, London, UK

Francesco Dazzi graduated at Padua University Medical School, trained as a Clinical Haematologist at Imperial College and is now Professor of Regenerative and Haematological Medicine at King's College where he leads Cellular Therapies within King's Health Partners. Francesco's main interest is in the biology and clinical applications of cellular therapies in stem cell transplantation. He pioneered a large immunotherapy programme for leukaemia and developed the use of mesenchymal stromal cells for the treatment of inflammatory disorcers in the UK.

Andres Beiras-Fernandez, Department of Thoracic and Cardiovascular Surgery, Johann Wolfgang Goethe University, Frankfurt, Germany

Professor Beiras-Fernandez studied medicine in Santiago de Compostela, in Spain, where he received the Honorary Award of the Faculty of Medicine. Professor Andres Beiras-Fernandez holds the Chair of Experimental Cardiac Surgery at the Clinic for Cardiothoracic Surgery, in the University of Frankfurt, Germany. The focus of his scientific research is endothelial inflammation and induction of immunosuppression, while his clinical focus is heart failure and transplant medicine. He leads the heart transplantation and mechanical circulatory support programs at the University of Frankfurt. In 2010, in recognition of his achievements in the field of transplantation, Professor Beiras-Fernandez received the German Transplant Award.

## Dimitrios Giakoustidis, Aristotle University of Thessaloniki, Thessaloniki, Greece

Associate Professor of Surgery and Transplantation in the Division of Transplant Surgery, Department of Surgery, Aristotle University, and Hippokration General Hospital Thessaloniki, Greece. Clinical interests consist in HPB surgery, in liver and kidney transplantations, and in immunosuprression protocols in HCC patients. Research interests consist in translational research, specifically in signal transduction in experimental hepatocarcinogenesis, and liver ischemia/reperfusion injury

**John Girdlestone,** Stem Cells and Immunotherapies, NHSBT Oxford, John Radcliffe Hospital, Headington, Oxford, UK

John Girdlestone has over 30 years of research experience in molecular and cellular biology, gained as a senior scientist in university, MRC, biotech start-up and NHS laboratories. He currently is the head of the Stem Cells and Immunotherapies Lab at NHS Blood and Transplant, Oxford.

Irma Joosten, DVM.PhD, Director Laboratory of Medical Immunology, Department of Laboratory Medicine, Radboud University Nijmegen Medical Center, Nijmegen, The Netherlands Irma Joosten, DVM, PhD, is full Professor in Medical Immunology, principal investigator and head of the Laboratory for Medical Immunology of the Radboud university medical centre, Nijmegen, The Netherlands. Her research is focussed on the underlying mechanisms of human immune tolerance and its clinical apllications. She chairs the Dutch College of Medical Immunologists, serves (-ed) at

the executive boards of the Dutch Transplant Society, the Society for Laboratory Medicine, the stem cell and cord blood donor banks of Eurocord Nijmegen, is a member of several (inter)national committees on research strategies, and training and education in immunological laboratory medicine

### Yu-Li Liu, National Health Research Institutes, Zhunan, Miaoli County, Taiwan

Dr. Yu-Li Liu is a clinical researcher working at the Center for Neuropsychiatric Research, National Health Research Institutes (NHRI), TAIWAN. She was trained as a pharmacologist and had her PhD degree from East Tennessee State University of the United States. Her research interest includes clinical psychiatric genetic research for schizophrenia. After joined NHRI, she had worked in the methadone maintenance treatment for heroin dependent patients from the pharmacogenomics aspect. She found a high incidence rate of HCV infection in these patients. She brought the observations in a methadone maintenance treatment population to discuss the immunological influences to the treatment responses.

**Isabel Mérida**, Dept of Immunology and Oncology, National Center for Biotechnology, Darwin 3. Campus UAM/CSIC, Madrid, Spain

Professor Isabel Mérida is Professor at the Spanish Research Council. Since 1994 she leads the Lipid Signaling group at the Department of Immunology and Oncology at the National Center for Biotechnology in Madrid. Her group has specialized in the study of the mechanisms that regulate T cell responses and cancer progression.

## Guglielmo Pranteda, NESMOS Departement, Università "Sapienza", Roma, Italy

University researcher from 1990. Theacher from the Bachelor of Medicine and surgery and podiatry by Dermatology department. Writer of several national and international scientific articles. Author in collaboration with Prof Bottoni for a book on "Cutaneous disorders of the foot". EMSI Editor. He currently teaches at the degree of Dermatology "Sapienza University" in Rome. He conducts care at St. Andrea Hospital in Rome- Dermatology Department.

#### Bernardino Roca, Hospital General, Jaume University, Castellon, Spain

Dr. Roca achieved his Medical Degree in University of Valencia, and his PhD degre in University of Barcelona (both in Spain). He carried out his residency in Internal Medicine in the School of Medicine Hospital of Valencia (Spain). He has worked in hospitals Arnau de Vilanova in Valencia, Virgen de los Lirios at Alcoy (Alicante), and General at Castellón, all in Spain, and has completed rotations in 8 US hospitals. He is the author of more than 200 papers. He is a Professor of Medicine, Infectious Disease, at University Jaume I of Castellon, Spain. And he is the Head of the General Internal Medicine Department of Hospital General of Castellon, in Spain.

### Manuel Roca, Hospital Provincial, Jaume I University, Castellon, Spain

Dr. Roca achieved his Medical Degree in University Rovira I Virgili, at Reus, Tarragona, Spain. He is presently performing his residency in Ophthalmology in the Provincial Hospital of Castellon, Spain. He is the author of 5 papers published in peer-reviewed journals. He is an Assistant Professor of Medicine, Infectious Disease, at University Jaume I of Castellon, Spain.

#### Daniela De Totero, IRCCS AOU San Martino-IST, Molecular Pathology Lab, Genoa, Italy

Daniela de Totero, pHd, is currently an Assistant Researcher at the Molecular Pathology Lab, IRCCS AOU San Martino-IST, Genoa, Italy. Since her fellowship at the Memorial Sloan Kettering Cancer Center (NY, USA), she focused her studies to tumor-immunology with regards to haematological diseases. She analyzed the interaction between receptors and cytokines such as IL2, IL21, IL15, in Hairy and Chronic lymphocytic leukemia. She has been recently interested in exploring the influence

of the microenviroment in CLL pathogenesis and her last studies highlighted the novel and relevant role of the HGF/c-MET axis in this disease.

## Frank Ward, Institute of Medical Sciences, Aberdeen, United Kingdom

Dr Frank Ward completed his PhD at King's College London, studying mechanisms of tolerance induction in systemic lupus erythematosus. Currently at the University of Aberdeen, his interest centres on a secretable molecule called soluble CTLA-4, a crucial modulator of immunity, which has been less well-studied than its celebrity counterpart, full length CTLA-4 receptor. Recently, he has generated reagents including antibodies and recombinant proteins to allow study of sCTLA-4 mechanisms in isolation from other isotypes. He welcomes productive collaborations with those seeking to understand how sCTLA-4 contributes to immune regulation in different disease settings.

Wilson Wong, MRC Centre for Transplantation, King's College London, Guys' Hospital, London, United Kingdom

Dr Wilson Wong is a nephrologist at Guy's Hospital London. His research focuses on understanding the rejection process after organ transplantation, especially trafficking of donor and recipient leukocytes and the role of the lymphatic system and lymphoid tissue in rejection. Through better understanding of the rejection process, a number of novel strategies have been developed to prevent allograft rejection.

# FREQUENTLY ASKED QUESTIONS ABOUT OUR EVENTS

#### **Missing Speakers**

It is unfortunate that occasionally a speaker cannot attend, most usually due to, 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.

#### 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 speaker's slides?

We cannot give out the slides from our speaker's presentations as they are deleted 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.

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