Scientific Program

287th OMICS International Conference

International Conference on

Innate Immunity

July 20-21, 2015  Barcelona, Spain

Organize your Events at OMICS International Conferences

Proposals are invited for organizing Symposia/Workshops at OMICS International Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

OMICS International Conferences

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Email: innateimmunity@omicsgroup.com; innateimmunity@conferenceseries.net
Day 1 July 20, 2015

TER HALL

10:00-10:25 Opening Ceremony

Keynote Forum

10:25-10:30 Introduction
Marco Sgarbanti
Italian National Institute of Health, Italy

Coffee Break: 11:00-11:15 @ COLON & HALL-1

11:15-12:15 Workshop On Research Funding by the US “National Institutes of Health”
by Wolfgang W Leitner, NIAID/NIH, USA

Track 6: Plant Innate Immunity
Track 9: Inflammation
Track 12: Pathogen-specificity

Session Chairs:
Wolfgang W Leitner, National Institute of Allergy and Infectious Diseases (NIAID), USA
Marco Sgarbanti, Italian National Institute of Health, Italy

Session Introduction

12:15-12:40 Metabolic and epigenetic reprogramming of antiviral immunity
Vladimir Litvak, University of Massachusetts Medical School, USA

12:40-13:05 The emerging role of innate chemokines in Inflammatory Disease and Atherosclerosis
Jürgen Bernhagen, RWTH Aachen University, Germany

Group Photo

Lunch Break: 13:05-13:50 @ COLON & HALL-1

13:50-14:15 Pre-clinical evaluation of an Interleukin-6 antagonist in Inflammatory Arthritis
Anwen S Williams, Cardiff University School of Medicine, UK

14:15-14:40 Identification and application of nonhost immunity in creating broad-spectrum disease resistance in crop plants
Madan K Bhattacharya, Iowa State University, USA

14:40-15:05 Novel therapeutic approach to inhibit innate immune cell trafficking in inflammation using chemokines and their binding molecules
Jim Middleton, University of Bristol, UK

15:05-15:30 Interplay between inflammation, immunity and thrombosis: Role of platelet and neutrophil P2X1 receptors
Cécile Oury, GIGA - Research Center, University of Liège, Belgium

15:30-15:55 Effect of age and CMV infection on NK cell subsets and phenotype
Alejandra Pera, University of Córdoba, Spain

Coffee Break: 15:55-16:10 @ COLON & HALL-1

16:10-16:35 Alveolar macrophages treated with bioparticles, mediated through MyD88-dependent manner, are indispensable for the protection in mice infected with Respiratory Syncytial Virus A2
Cheol-Heui YUN, Seoul National University, Republic of Korea

16:35-17:00 Plant adenylate cyclases - Elucidation of their potential roles in stress response and disease resistance mechanisms
Oziniel Ruzvidzo, North-West University, Republic of South Africa

Panel discussion
Day 2 July 21, 2015

TER HALL

Keynote Forum

09:00-09:30  L Courtney Smith
George Washington University, USA

Track 3: Cell based effector mechanisms
Track 7: Case Studies
Track 15: Host defense in invertebrates

Session Chair: L Courtney Smith, George Washington University, USA

09:00-09:30  L Courtney Smith
George Washington University, USA

09:30-09:55  Myeloid-derived regulatory cells and immune regulation in Asthma
Jessy Deshane, University of Alabama at Birmingham, USA

09:55-10:20  Dendritic cells in gut mucosal homeostasis
Lauri Diehl, Genentech, USA

10:20-10:45  Anti-Pentraxin 3 autoantibodies: A new maker of ANCA-associated vasculitis
Augusto Jean-François, Université d’Angers, France

10:45-11:10  Human secretory RNases as multifaceted antimicrobial proteins
Ester Boix, Universitat Autònoma de Barcelona, Spain

Coffee Break: 11:10-11:25 @ COLON & HALL-1

11:25-11:50  Prediction of preeclampsia with novel biomarkers at second trimester of pregnancy
Amal Mahmoud Kamal Eldin, Minia University, Egypt

11:50-12:15  Differential regulation of NK cell functions by PI3K isoforms and mTOR complexes
Sung Su Yea, Inje University College of Medicine, Korea

12:15-12:40  The presence of granuloma-in-follicles in Crohn’s disease appendectomy is an independent prognostic factor to predict lymph node involvement
Carl E I Janssen, Department of Imaging & Pathology, Belgium

Panel discussion

Poster Session  13:30-14:30

P1  Title: A Novel Splicing Variant in the 5’-UTR of Human TLR5 Gene
Jae Young Kim, Gachon University, Korea

P2  Title: Bacterial stimulated innate immunity against cancer metastasis
Jian-dong Huang, Shenzhen Institute of Advanced Integration Technology, China

P3  Title: AMP-activated protein kinase inhibitor compound C inhibits adipocyte conditioned medium-induced macrophage chemotaxis and inflammation through targeting focal adhesion kinase and IκB kinase
Seong Ji Woo, Chonbuk National University Medical School, Republic of Korea

P4  Title: Myeloid deletion of SIRT1 suppresses collagen-induced arthritis in mice by modulating dendritic cell maturation
Byung-Hyun Park, Chonbuk National University, Republic of Korea

P5  Title: Can assessment of synovial fluid and blood specimens for pro- and anti-inflammatory markers predict the type of arthritis patients may develop
Laurence O’Neill, Institute of Technology Carlow, Republic of Ireland

P6  Title: Experimental Chagas’ disease: Modulation of innate immunity response in mice vaccinated with T. rangeli
Beatriz Basso, National University of Córdoba, Argentina

P7  Title: Mannose-binding lectin (MBL) and postoperative complications rate in pediatric cardiac surgery
Anna St. Świerzko, Polish Academy of Sciences, Poland

E-posters

P8  Title: Comparison of PBMCs transcriptional profiles of pigs infected with subtype 1 and 2 PRRSV strains of Type 1
Magdalena Materniak, National Veterinary Research Institute, Poland

P9  Title: Inhibition of hydrogen sulfide production through gene silencing attenuates inflammation in a mouse model of caerulein-induced acute pancreatitis
Alireza Badiei, University of Otago, New Zealand

Award Ceremony
By Country

USA  Spain  UAE  Canada  Germany  Australia  India  UK  China
Italy  Brazil  France  Japan  Malaysia  Singapore  South Africa
Sweden  Norway  Belgium  Ireland  Russia  Turkey  Hong Kong
South Korea

By City

Chicago  Valencia  San Francisco  Hyderabad  Florida  Alicante  London  Dubai
Beijing  Toronto  Baltimore  Birmingham  Houston  Barcelona  Boston  Lexington
Seattle  Atlanta  Abu Dhabi  New Orleans  Brisbane  Bengaluru  New Delhi  Rome
San Jose  Austin  Los Angeles  New York  Tokyo  Columbus  Louisville  South Korea
Dallas  San Diego  Phoenix  Philadelphia  San Antonio  Las Vegas  Victoria City

By Subject

Medical  Pharma  Materials Science  Health care  Nursing  Microbiology  Neuroscience
Chemistry  Genetics  Chemical Engineering  Molecular Biology  Physics  Immunology  Engineering
Mass Media  Clinical  Agri, Food & Aqua  Earth Science  EEE  Veterinary  Business & Management

Global Biotechnology Events
www.biotechnologycongress.com

Global Pharmaceutical Events
www.pharmaceuticalconferences.com

Global Medical Conferences
www.conferenceseries.com

Global Cancer Conferences
www.cancersummit.org

Global Diabetes Conferences
www.diabetesexpo.com

Global Dental Conferences
www.dentalcongress.com

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-543-8169
Fax: +1-863-616-1417
contact@omicsgroup.com

OMICS International
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7334, USA
Ph: +1-650-268-9744
Fax: +1-650-616-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131-823, 040-4748222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6489
Australia: +1-800-651-097
Europe: 0805-080048

1000+ Global Events on Pharma, Medicine, Science and Technology