OMICS International
conferenceseries.com

OMICS International Conference

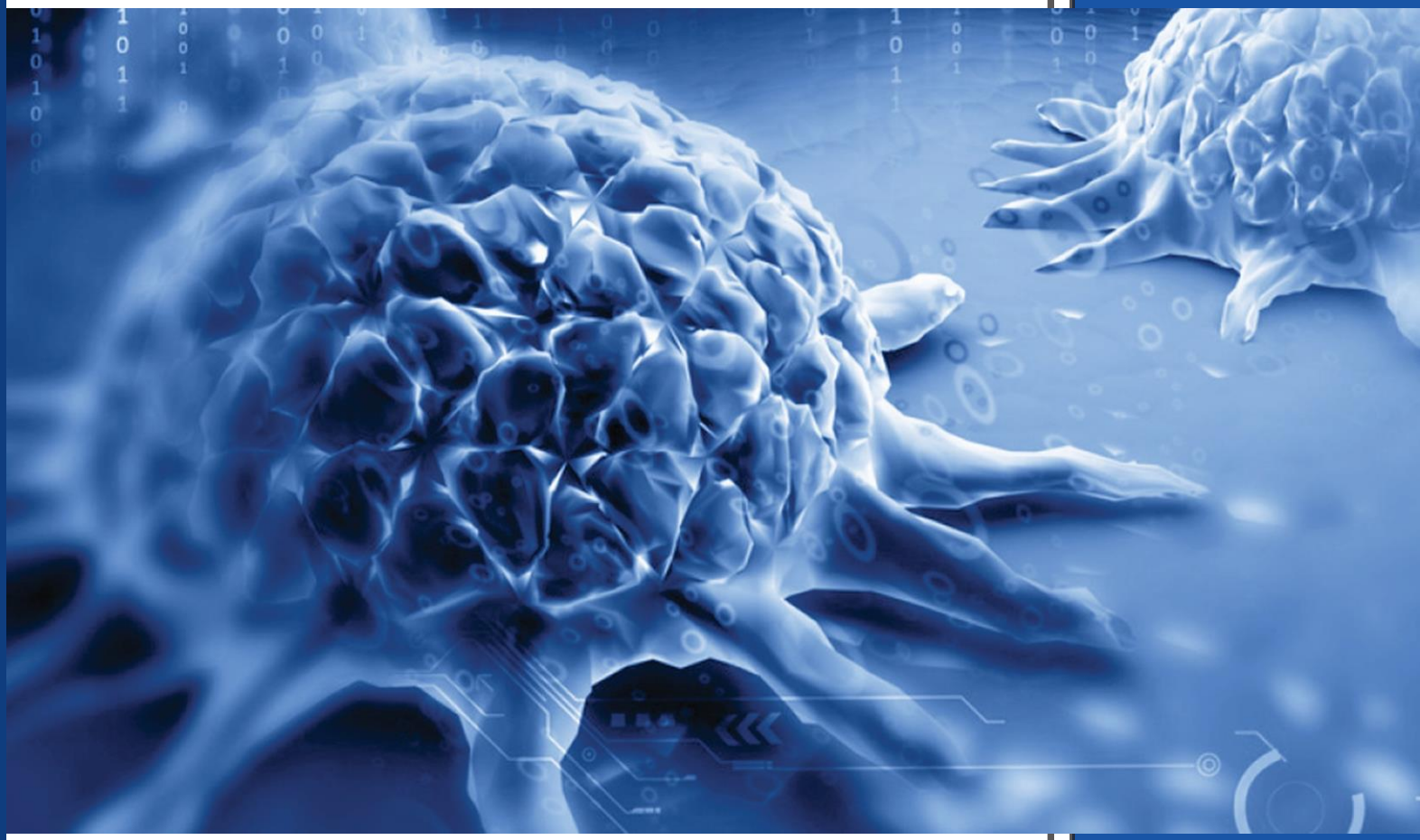
Scientific Program

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

08:00 - 09:00 Registrations

TER HALL

10:00-10:25 **Opening Ceremony**

Keynote Forum

10:25-10:30 **Introduction**

10:30-11:00 **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 Bhattacharyya, 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 infecton 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 CourtneySmith**
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

Session Introduction

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

Lunch Break: 12:40-13:30 @ COLON & HALL-1

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 IKB 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 innateimmunity 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

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

By Country

USA, Spain, UAE, Canada, Germany, Australia, India, UK, China
Italy, Brazil, France, Japan, Malaysia, Singapore, South Africa, Israel, Greece
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	Denver
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: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS International
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048