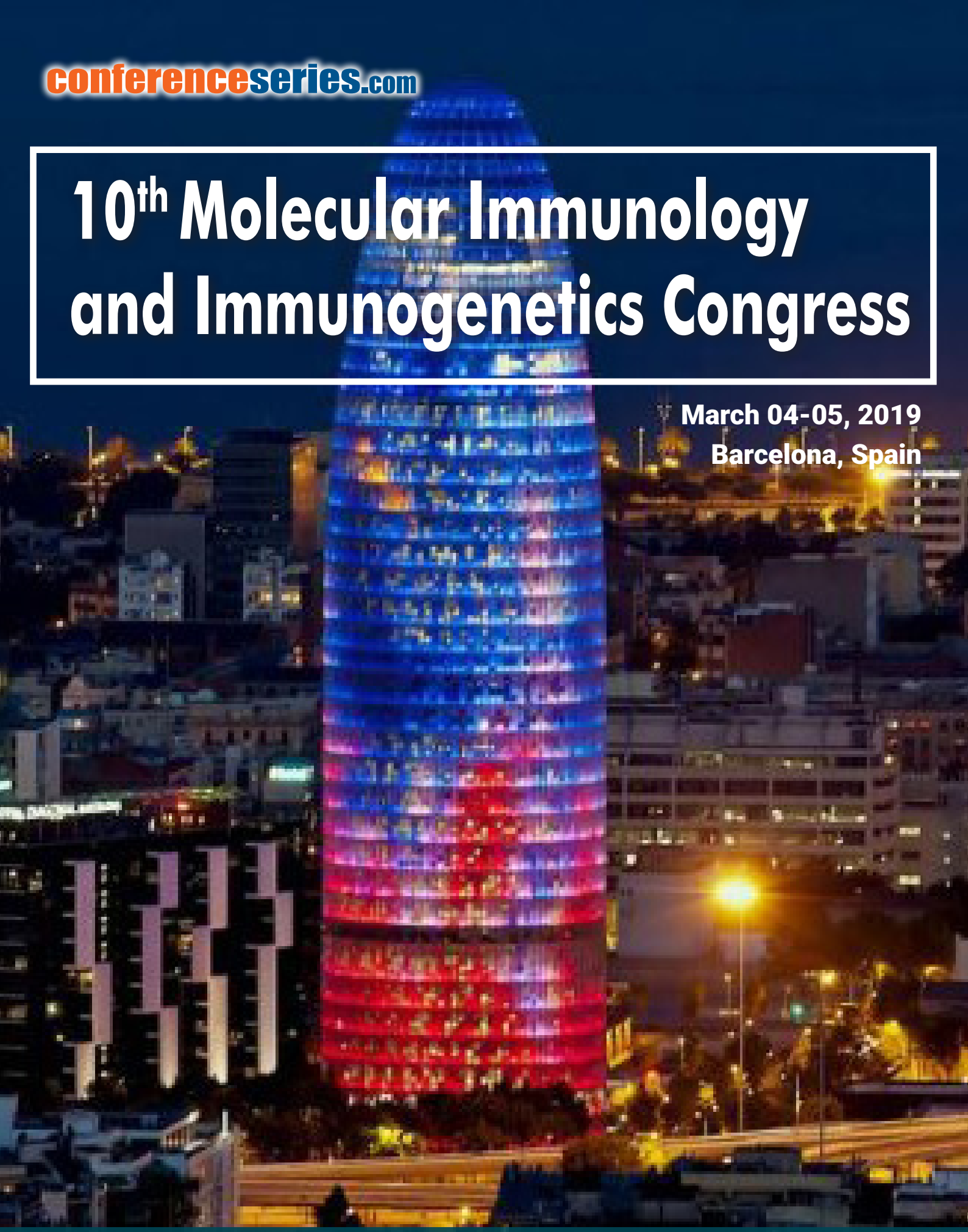
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10th Molecular Immunology and Immunogenetics Congress

March 04-05, 2019
Barcelona, Spain



SCIENTIFIC PROGRAM

DAY 1
Monday, 4th March

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On:	**Talks On:**
Molecular Immunology	Molecular Neuroscience
Clinical and Cellular Immunology	Allergy and Infectious Diseases
Immuno Genetics & Histocompatibility	Mucosal Immunology
Auto Immune Diseases	Innate Immunity and Inflammation
Cancer Immunology	Industrial Immunology

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On:	**Talks On:**
Tumor Immunology	Immunohematology
Vaccinology	Computational Immunology
Microbial Immunology	Molecular Medicine
Biochemistry and Molecular Biology	Molecular Biomarker
Molecular and Cellular Oncology	Transplant Immunology
Immunoderamatology	Molecular Microbiology
Immunological Techniques	

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Immunology & Molecular Biology	Workshop

DAY 2
Tuesday, 5th March

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On:	**Talks On:**
Vaccinology	Computational Immunology
Tumor Immunology	Immunohematology
Molecular Immunology	Molecular Neuroscience
Clinical and Cellular Immunology	Allergy and Infectious Diseases
Cancer Immunology	Industrial Immunology
Auto Immune Diseases	Innate Immunity and Inflammation

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On:	**Talks On:**
Immuno Genetics and Histocompatibility	Mucosal Immunology
Microbial Immunology	Biochemistry and Molecular Biology
Molecular Medicine	Molecular and Cellular Oncology
Immunological Techniques	Immunodermatology
Molecular Microbiology	Transplant Immunology

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

Barcelona Attractions



Glimpses of Molecular Immunology Congress 2018





































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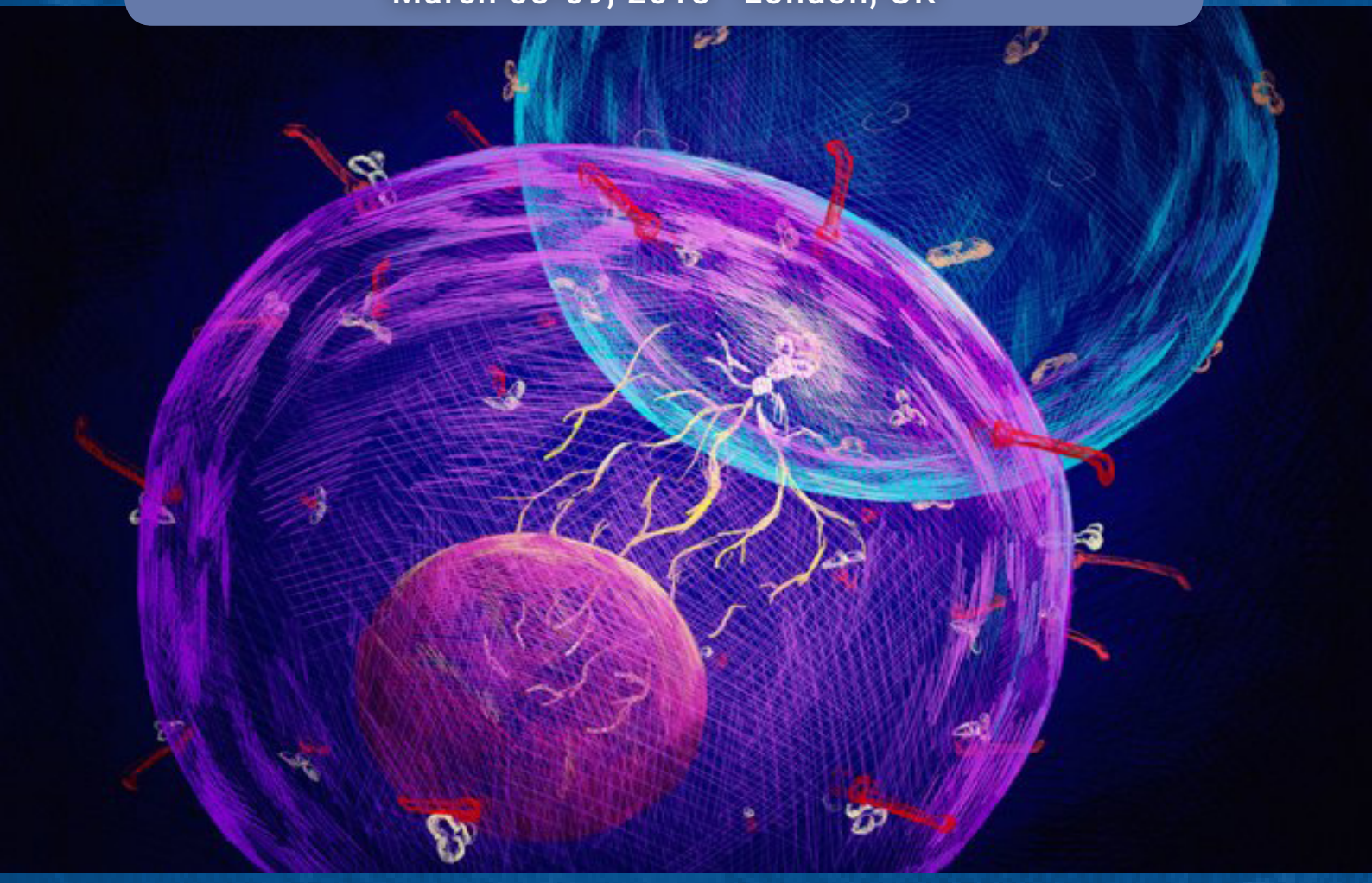
Aliaa Abdelrahman Elgendy
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1555th Conference

Scientific Program

9th Molecular Immunology & Immunogenetics Congress

March 08-09, 2018 London, UK



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Day 1 March 8, 2018

Registrations

Perceval Suite

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Opening Ceremony

Keynote Forum

Introduction

Title: Tumor liberated protein (TLP) as potential vaccine for lung cancer patients

Giulio Tarro, Foundation de Beaumont Bonelli for Cancer Research, Italy

Title: Small or large the non-coding RNAs maintain order in the genome world and therefore can be used for a therapeutic aim

Gilbert Glady, European Bio Immun(G)en Medicine Association, France

Networking & Refreshment Break

Title: Interleukin 1 receptor antagonist and 2'-5' oligoadenylate synthetase-like molecules as novel biomarkers for multiple sclerosis patients

Moiz Bakhiet, Arabian Gulf University, Bahrain

Sessions: Biochemistry and Molecular Biology | Molecular Medicine | Innate Immunity and Inflammation | Auto Immune Diseases | Molecular Immunology | Molecular & Cellular Oncology

Session Chair: Giulio Tarro, Foundation de Beaumont Bonelli for Cancer Research, Italy

Session Chair: Moiz Bakhiet, Arabian Gulf University, Bahrain

Session Introduction

Title: Novel p53 target genes secreted by the liver are involved in non-cell-autonomous regulation

Meital Charni, Weizmann Institute of Science, Israel

Title: CXCL9 and CXCL10 chemokines secretion by vanadium pentoxide in primary thyroid cells

Silvia Martina Ferrari, University of Pisa, Italy

Group Photo

Lunch Break

Title: A novel immune role for NgR on b-cell populations localized in the central nervous system in a mouse model of multiple sclerosis

Maha Bakhuraysah, Taif University, Saudi Arabia

Title: Mutant *p53* leads to enrichment of cancer stem cells that display ESC expression signature

Gabriela Koifman, Weizmann Institute of Science, Israel

Title: Nonclinical characterization of the novel IL-1 heterodimeric fusion protein RPH-104

Anastasia Dmitrieva, JSC R-Pharm, Russia

Title: MET activation drives resistance to cetuximab in head and neck cancer

Moshe Elkabets, Ben-Gurion University of the Negev, Israel

Networking & Refreshment Break

Title: An *ex vivo* abomasal ovine model to study the immediate immune response in the *context of Haemonchus contortus* larval-stage

Saeed El-Ashram, Foshan University, China

Title: The study of relation among toxoplasmosis, hypothyroidism and hyperthyroidism in pregnant women, Southwest-Iran, 2017-2018

Mohammad Hossein Feiz Haddad, Ahvaz Jundishapur University of Medical Sciences, Iran

Panel Discussion

Day 2 March 9, 2018

Perceval Suite

Keynote Forum

Title: Investigations on sub-populations of thymocytes during atrophy

Dipankar Nandi, Indian Institute of Science, India

Title: Regulation of dual specificity phosphatases during *Leishmania donovani* infection: Critical role of immunomodulators

Subrata Majumdar, Bose Institute, India

Networking & Refreshment Break

Title: Effects of toxoplasmosis on thyroid hormones in diabetic patients

Mohammad Hossein Feiz Haddad, Ahvaz Jundishapur University of Medical Sciences, Iran

Sessions: Biochemistry and Molecular Biology | Molecular Immunology | Allergy and Infectious Diseases | Tumor Immunology | Microbial Immunology | Cellular Immunology | Innate Immunity and Inflammation

Session Chair: Gilbert Glady, European Bio Immun(G)en Medicine Association, France

Session Chair: Dipankar Nandi, Indian Institute of Science, India

Session Introduction

Title: Discovering of a reverse pathway in lymphocytes will change not only random theory of immune globulin synthesis and the central dogma of molecular biology, also will bring a novel super-antibody (sab) technology for very effective and fast treatment and cure of all of infectious diseases and cancer!

Victor Alexander, USA

Title: Small molecules RSC001 use in breast cancer model

Zheng Shuo Jin, Tsinghua University, China

Lunch Break

Poster Presentations

MI 01 **Title: The novel role of tumour suppressor p14ARF in tumour immunology to induce inflammatory response by enhancing SUMOylation**

Jennifer Alagu, National University of Singapore, Singapore

MI 02 **Title: TLR2/MyD88 pathway-dependent regulation of dendritic cells by dengue virus promotes antibody-dependent enhancement *via* Th2-biased immunity**

Seong Kug EO, Chonbuk National University, Republic of South Korea

MI 03 **Title: Distinct upstream role of type I IFN signaling in hematopoietic stem cell-derived and epithelial resident cells for concerted recruitment of Ly-6C^{hi} monocytes and NK cells *via* CCL2-CCL3 cascade**

Seong Kug EO, Chonbuk National University, Republic of South Korea

MI 04 **Title: Skullcapflavone II attenuates Th2 cytokine production and mast cell histamine degranulation in ovalbumin-induced allergic rhinitis**

Eunjin Hyeon, Chonbuk National University Medical School, Republic of Korea

MI 05 **Title: *Bupleurum chinense* extract against nasal inflammation by inhibiting eosinophil and mast cell activation in OVA-induced allergic rhinitis mouse model**

Thi Tho Bui, Chonbuk National University Medical School, Republic of Korea

MI 06 **Title: Fructus Amomi alleviates inflammation in a OVA-induced allergic rhinitis mouse model**

Yan Jing Fan, Chonbuk National University Medical School, Republic of South Korea

MI 07 **Title: *Dryopteris crassirhizoma* attenuates airway inflammation *via* modulation of cytokines and mast cell activation in OVA-induced allergic rhinitis**

Chunhua Piao, Chonbuk National University, Repiblic of South Korea

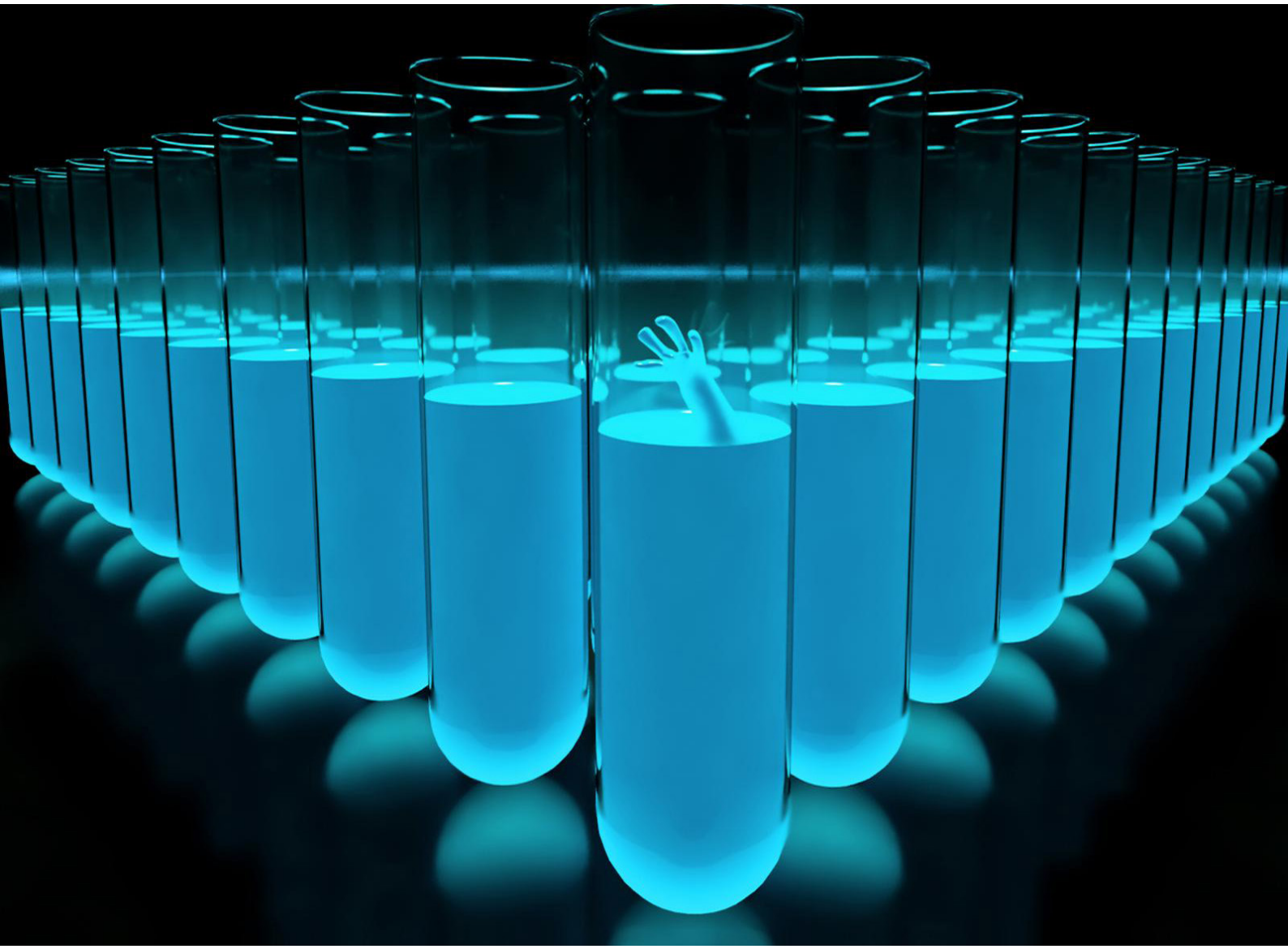
MI 08	**Title: A novel immune role for NgR on b-cell populations localized in the central nervous system in a mouse model of multiple sclerosis** **Maha Bakhuraysah**, Taif University, Saudi Arabia
MI 09	**Title: An essential role for TAGLN2 in phagocytosis of lipopolysaccharide-activated macrophages** **Chang Duk Jun**, Gwangju Institute of Science and Technology, Republic of South Korea
MI 10	**Title: Seed oil from *Pinus radiate* promotes beneficial morphological and inflammatory changes in visceral adipose tissue from high-fat diet-induced obese mice** **Daniela Rojas**, University of Concepcion, Chile
MI 11	**Title: Hydroxychloroquine regulating T cell response by modulating dendritic cell function** **Yuan Liu**, The First Affiliated Hospital of Xiamen University, China
MI 12	**Title: Altered expressed miR-920 in peripheral blood mononuclear cells of patient with acute gouty arthritis** **Shiju Chen**, The First Affiliated Hospital of Xiamen University, China
MI 13	**Title: Childhood-onset systemic lupus erythematosus - an experience of tertiary care hospital: A descriptive study** **Farida Karim**, Aga Khan University Hospital, Pakistan
E-Posters	
MI 01	**Title: Sudan ebolavirus long recovered survivors produce GP-specific Abs that are of the IgG1 subclass and preferentially bind FcγRI** **Olga Radinsky**, Ben Gurion University of the Negev, Israel
MI 02	**Title: Quantitative analysis of human herpesvirus 6 DNA in patients treated for acute leukemia** **Radwa H Ghoraba**, Alexandria University, Egypt
MI 03	**Title: TLR 9 ligand ODN 2216 binds to the effector T cells from healthy controls leading to proliferation of CD4 cells & up-regulation of cytokines** **Shobha Sehgal**, PGIMER, India
MI 04	**Title: Molecular analysis of *ERAP1* allelic variations in patients with ankylosing spondylitis** **Zohreh Babaloo**, Tabriz University of Medical Sciences, Iran
Networking and Refreshments Break	
Panel Discussion	
Awards & Closing Ceremony	

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8th Molecular Immunology & Immunogenetics Congress

March 20-21, 2017 Rome, Italy



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Registrations

Olimpica 4

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Opening Ceremony

Keynote Forum

Introduction

Title: Tumor associated antigen (TAA) as immune approach for early diagnosis and preventive therapy

Giulio Tarro, Foundation de Beaumont Bonelli for Cancer Research, Italy

Title: A backdoor into the castle: The clinical ramifications of immuno-editing driven by antigenic competition

Michael G Hanna, Vaccinogen Inc., USA

Networking & Refreshment Break

Sessions:

Cellular Immunology | Microbial Immunology | Molecular Immunology | Auto Immune Diseases | Tumor Immunology | Immunodermatology

Session Chair: Giulio Tarro, Foundation de Beaumont Bonelli for Cancer Research, Italy

Session Chair: Jessy S Deshane, University of Alabama at Birmingham, USA

Session Introduction

Title: Protein kinase CK2 controls T cell polarization through dendritic cells activation in response to contact sensitizers

Saadia Kerdine Romer, University Paris-Sud, France

Title: Identification of novel *S. pneumoniae* candidate vaccine antigens and the nature of the immune response elicited by them

Yaffa Mizrachi Nebenzahl, Ben Gurion University of the Negev, Israel

Title: Design and synthesis of new heteroaromatic derivatives with anti-parasitic activity

Azar Tahghighi, Pasteur Institute of Iran, Iran

Title: Basis of the novel concept that antibodies mutually exchange on the receptors

Kimihiko Okazaki, Okazaki Medical Clinic, Japan

Group Photo

Lunch Break

Title: Gene expression of *PTPN-22* in Iranian patients with alopecia areata

Reyhaneh Abgoon, Islamic Azad University, Iran

Title: Expression profiling of *Helicobacter*-activated regulatory B cells

Sawsan Said, Istanbul Technical University, Turkey

Title: Arachidonic acid metabolite (15-keto-PGF2α) promotes macrophage polarization from inflammatory M1 to anti-inflammatory M2 phenotype in acute myocardial infarction via regulating glycolytic enzyme PKM2

Yuanyuan Cheng, University of Hong Kong, China

Title: Indoleamine 2,3-dioxygenase regulates anti-tumor immunity in lung cancer by metabolic reprogramming of immune cells

Jessy S. Deshane, University of Alabama at Birmingham, USA

Networking & Refreshment Break

Title: Predictive role of rheumatoid factor and anti-cyclic citrullinated peptide regarding the response to anti-tumor necrosis factor therapy in rheumatoid arthritis
Bogdan Ion Gavrila, Carol Davila University of Medicine and Pharmacy, Romania
Title: Evaluation of possible immunological variants influencing the clinical response to needling–a new approach in the treatment of vitiligo
Patricia Araujo, Santhè Clinic, Brazil
Title: Sequence variation in *PPP1R13L* results in a novel form of cardio-cutaneous syndrome
Orly Avni, Bar-Ilan University, Israel

Panel Discussions

Day 2 | March 21, 2017 | Tuesday

Olimpica 4

Keynote Forum

Title: Cyclic nucleotide phosphodiesterase (PDE) implication in lupus erythematosus: Effect of a new PDE4 inhibitor
Claire Lugnier, CNRS, France

Title: Non-viral *Sleeping Beauty* transposon-based vector for immunotherapy
Zsuzsanna Izsvak, Max Delbruck Center for Molecular Medicine, The Helmholtz Society, Germany

Networking & Refreshment Break

Sessions:

Auto Immune Diseases | Molecular Immunology | Immuno Genetics & Histocompatibility | Vaccinology | Immunological Techniques | Cellular Immunology

Session Chair: Adnane Achour, Karolinska Institutet, Sweden

Session Introduction

Title: Distinct effect of interleukin 4 and B-cell activating factor in connective tissue diseases with lung involvement and idiopathic pulmonary fibrosis
Martina Sterclova, Thomayer Hospital, Czech Republic
Title: Rigidification of MHC-I/peptide complexes is an essential step for enhanced T cell recognition of cancer-associated neo-epitopes associated with impaired processing
Adnane Achour, Karolinska Institutet, Sweden

Poster Presentations

MI-01 **Title: Opposing roles of TGF-β in prostaglandin production by human follicular dendritic cell-like cells**
Jongseon Choe, Kangwon National University, South Korea

MI-02 **Title: Chemokines transcripts expression in mice and correlation with resistance to *Leptospira* infection**
Josefa Bezerra Da Silva, Butantan Institute-Sao Paulo State Secretary of Health, Brazil

MI-03 **Title: D-serine effects in a schizophrenia patient positive for anti NMDAR antibodies**
Uriel Heresco Levy, Hebrew University, Israel

MI-04 **Title: Report on the phylogenetic studies of diplostomatids parasites**
Mitonga Mande Masso Ami, Sefako Makgatho Health Sciences University, South Africa

MI-05 **Title: Structural bases underlying re-established recognition of a viral immune escape variant**
Tatyana Sandalova, Karolinska Institutet, Sweden

MI-06 **Title: Association of miR-21 expression with gastric cancer in tissue and serum specimens of *H. Pylori* infected patients**
Zana Karimi Kurdistani, Pasteur Institute of Iran, Iran

MI-07 **Title: Seroprevalence study of *Francisella tularensis* among farmers and veterinarians in Georgia**
Nazibrola Chitadze, National Center for Disease Control and Public Health, Georgia

MI-08	**Title: Activation of NLRP3-inflammasome in human monocyte-derived macrophages infected with *Mycobacterium* spp.** **Dhêmerson Souza de Lima,** University of São Paulo, Brazil

Lunch Break

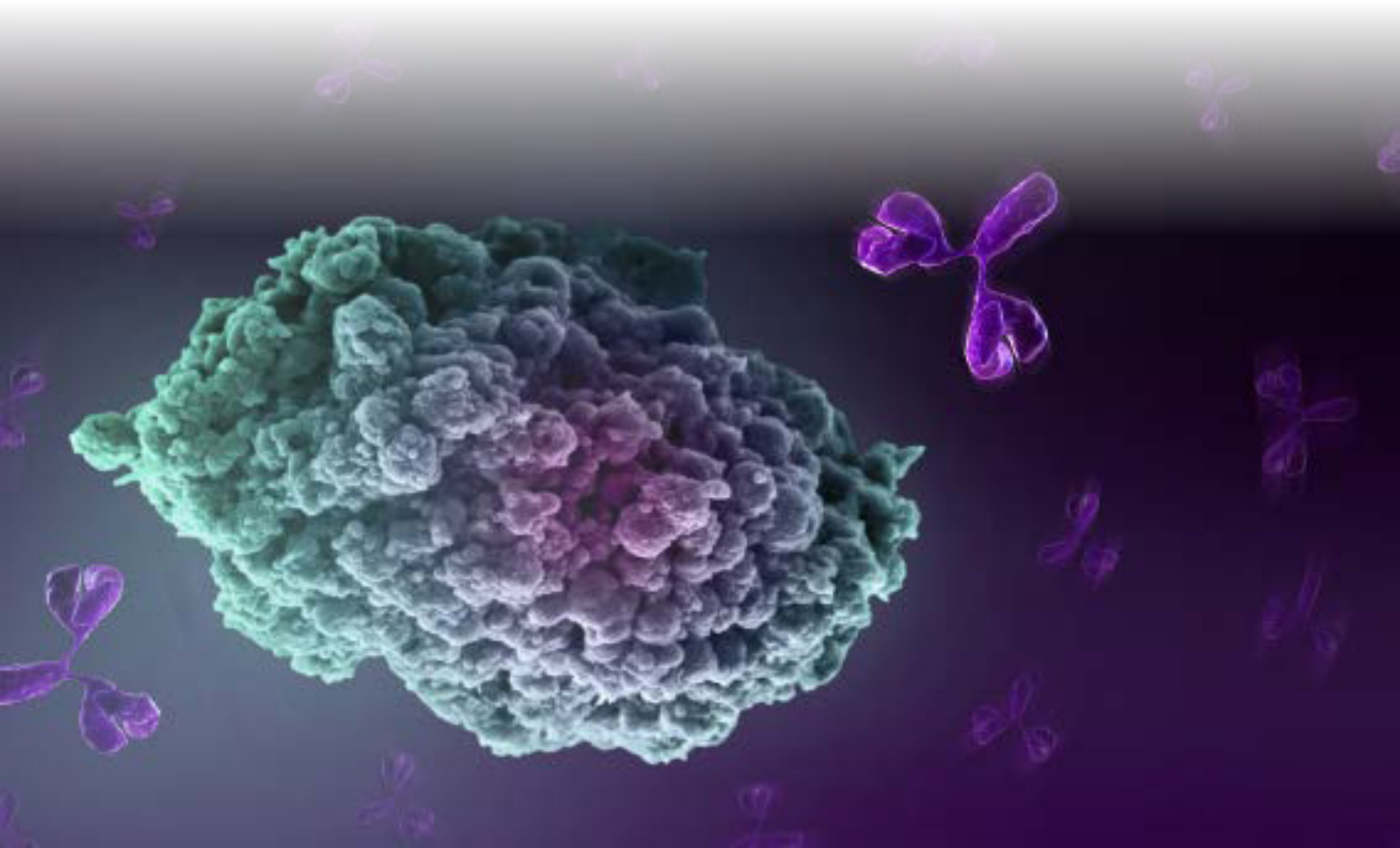
Title: Oxidative stress and immune system. A review from the literature
Eugenio Luigi Iorio, International Observatory of Oxidative Stress, Italy
Title: Genetics of inflammasome: From monogenic rare syndromes to complex diseases
Alessandra Pontillo, Universidade de Sao Paulo, Brazil
Title: Preparation and characterization of PLGA nanoparticles containing plasmid DNA encoding human IFN-lambda-1: Beginning for promising researches
Parisa Amirkalvanagh, Tarbiat Modares University, Iran
Title: Glycation of serum albumin: Cause remarkable alteration in protein structure, immunogenicity and generation of early glycation end products
Ishrat Jahan Saifi, Aligarh Muslim University, India
Title: Antigenicity enhanced in glucosylated human serum albumin: A structural study
Km Neelofar, Aligarh Muslim University, India

E-Poster

EP-01	**Title: Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver NKT cells in IDO dependent manner** **Bojana Simovic Markovic,** University of Kragujevac, Serbia
EP-02	**Title: Levels of pro-inflammatory mediators CRP, IL-1ß and IL-6 in alkaptonuria patients** **Eman Albataineh,** Just University, Jordan

Refreshment Break & Panel Discussion

Award & Closing Ceremony





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June 29-July 01, 2017 Madrid, Spain

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Day 1 June 29, 2017

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Opening Ceremony

Keynote Forum

Title: Single domain antibodies for the knockdown of cytosolic and nuclear proteins
Thomas Böldicke, Helmholtz Centre for Infection Research, Germany
Title: Roles of regulatory B cells in autoimmunity
Liwei Lu, The University of Hong Kong, Hong Kong

Networking & Refreshments Break

Title: Regulation of diversification and affinity maturation of antibodies
Thomas Grundström, Umeå University, Sweden

Workshop

Title: PRS – Co-resident objective measure of IHC stain performance for process QC and diagnostic aid
Jee Shum, HS Technology LLC, USA

Sessions:

Inflammatory/Autoimmune Diseases | T-Cells and B-Cells | Cellular Immunology | Immunotherapy

Session Chair: Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

Session Introduction

Title: The inflammasome of activated human B-lymphocytes regulates IL-1β and IgM: A crosstalk between the innate and the adaptive immune response
Eva M Carmona, Mayo Clinic, USA

Networking & Lunch Break

Title: Reduction of tertiary lymphoid organs in salivary glands of NOD mice by PI3K-delta inhibition
Marc Bigaud, Novartis Institutes for Biomedical Research, Switzerland
Title: Gamma-aminobutyric acid (GABA) and GLP-1 treatment blocks the activation of the NF-kB inflammatory pathway and promotes the survival and proliferation of human pancreatic beta cells
Gerald J Prud'homme, Keenan Research Centre for Biomedical Science, St. Michael's Hospital, Canada
Title: A critical role of leptin in promoting B cell response during the development of autoimmune arthritis
Liwei Lu, The University of Hong Kong, Hong Kong
Title: New protocol for generation of insulin-specific T regulatory cells
Ivana Stojanovic, University of Belgrade, Serbia

Networking & Refreshment Break

Title: Animal tissue-specific biomolecules influence on rats with cyclophosphamide-induced immunosuppression
Stepan S Dzhimak, All-Russian Meat Research Institute, Russian Federation
Title: Sublytic C5b-9 induces glomerular mesangial cell apoptosis through the cascade pathway of MEKK2-p38 MAPK-IRF-1-TRADD-caspase 8 in rat Thy-1 nephritis
Yingwei Wang, Nanjing Medical University, China
Title: Effects of B cells activating factor on growth characteristics of mouse renal tubular epithelial cells
Haiyan Xu, Third Affiliated Hospital of Soochow University, China

Panel Discussion

Day 2 June 30, 2017

Salmanca

Keynote Forum

Introduction

Title: The combination of disease modeling, immunological profiling and the NSG-UC animal model leads to a better understanding of the mechanism underlying inflammation in UC

Roswitha Gropp, Hospital of Ludwig-Maximilians-University, Germany

Workshops

Title: Make immunology research easy - A case on therapeutic antibody discovery
Kun Yin, Genscript, USA

Networking & Refreshment Break

Title: From gene to diagnostics and biotherapeutics
Philippe Funfrock, ProteoGenix, France
Title: ELISPOT as immunomonitoring tool
Oleg Targoni, CTL Europe GmbH, Germany

Sessions:

Viral Immunology | Infectious Diseases and Immune System | Diagnostic Immunology | Mucosal and Regional Immunology

Session Chair: Roswitha Gropp, Hospital of Ludwig-Maximilians-University, Germany

Session Introduction

Title: Bowel radiation injury: Complexity of the pathophysiology and promises of cell and tissue engineering
Noelle Mathieu, Institute of Radioprotection and Nuclear Safety (IRSN), France

Networking & Lunch Break

Title: Inactivation and disinfection of zika virus in the presence and absence of blood
S Steve Zhou, Microbac Laboratories, Inc., USA
Title: The role of mitochondrial dysfunction in inflammatory crosstalk between immune cells and non-myeloid cells such as fibroblasts and myoblasts
Katarzyna Swist-Szulik, Newcastle upon Tyne University, UK
Title: The hope of immunonutrition
José Moisés Laparra Llopis, Pabellón Central del antiguo Hospital de Cantoblanco, Spain
Title: C5a induces the synthesis of IL-6 and TNF-α in rat glomerular mesangial cells through MAPK signaling pathways
Wen Qiu, Nanjing Medical University, China
Title: The fabulous history of eclampsia: An update in 2017
Pierre-Yves Robillard, Centre Hospitalier Universitaire Sud Réunion, France
Title: The role of mitochondria - inflammatory crosstalk in clinical settings
Katarzyna Swist-Szulik, Newcastle upon Tyne University, UK

Networking & Refreshment Break

Poster Presentations

Poster Judge: Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

EUIMM 01	**Title: Phenotypic characterization of macrophages subpopulations CD3+ TCRαβ+/TCRαβ-** **Adriana Rodriguez-Cruz**, National Institute of Respiratory Diseases (INER), Mexico
EUIMM 02	**Title: Identification of novel anti-inflammatory herbal extracts** **Anne Schink**, Max Planck Institute for Chemistry, Germany
EUIMM 03	**Title: Amelioration of Japanese encephalitis by blockage of 4-1BB signaling is coupled to divergent enhancement of type I/II IFN responses and Ly-6C^{hi} monocyte differentiation** **Seong Kug Eo**, Chonbuk National University, Republic of Korea
EUIMM 04	**Title: *In silico* study of lipids associated in non-bilayer phospholipid arrangements** **Sánchez B Sandra**, ENCB- The National Polytechnic Institute, Mexico
EUIMM 05	**Title: Serodiagnosis of tuberculosis: Specific detection of antibodies against the Ag85C-MPT51-HspX fusion protein (CMX)** **Eduardo Martins de Sousa**, Ceuma University, Brazil

EUIMM 06 **Title: IL-10 polymorphism and IL-10 cytokine production in response to mite stimuli and its association with atopy and asthma in children living in a poor area in Latin America**
Flávia de Araújo Sena, Federal University of Bahia (UFBA), Brazil

EUIMM 07 **Title: Asthma, allergy and polymorphisms in vitamin D pathway: A cross section study**
Alana Alcântara Galvão, Federal University of Bahia (UFBA), Brazil

EUIMM 08 **Title: Anti-Inflammatory activity of *Bixa orellana* extract aginist *Mycobacterium abscessus subsp. bolletii***
Eduardo Martins de Sousa, Ceuma University, Brazil

EUIMM 09 **Title: Substitute mesenchymal stromal cells therapy in graft versus host disease with a chemically defined cocktail**
Yap Chui Sun, Singapore General Hospital, Singapore

EUIMM 10 **Title: Association between higher levels of pro-inflammatory cytokines (TNF, IL-6) and IL-5 in induced sputum and lower lung function among subjects with asthma**
Emília M M de Andrade Belitardo, Federal University of Bahia (UFBA), Brazil

EUIMM 11 **Title: Memory T cells are significantly increased in rejecting liver allografts in rhesus monkeys**
Hwajung Kim, Seoul National University College of Medicine, South Korea

EUIMM 12 **Title: Impaired priming and increased ROS production by circulating neutrophils from patients with chronic lymphocytic leukemia**
Gayane Manukyan, Palacky University Olomouc, Czech Republic

EUIMM 13 **Title: Expression profiling of chemokine receptors in peripheral blood mononuclear cells in chronic lymphocytic leukemia**
Gabriela Gabcova, Palacky University Olomouc, Czech Republic

EUIMM 14 **Title: Development of genotype VII NDV inactivated vaccine**
Guan-Ming Ke, National Pingtung University, Taiwan

EUIMM 15 **Title: Efficient production of type O foot - and - mouth disease subunit vaccine using baculovirus expression system**
Chi-Chi Wen, National Pingtung University, Taiwan

EUIMM 16 **Title: PMNs as "Trojan horse" vehicles for *Brucella abortus* persistence in murine bone marrow**
María Cristina Gutiérrez-Jiménez, University of Costa Rica, Costa Rica

EUIMM 17 **Title: Tissue echocardiography in early detection of myocardial dysfunction in RA**
Nebal Morad Abdelhamid Mohamed, Mansoura University, Egypt

EUIMM 18 **Title: Development of flow cytometry based adherence assay for *Nessieria gonorrhoeae* using 5'-carboxyfluorosceinsuccidyl ester (CFSE) and ME-180 cells**
Sidharth Dev Thakur, University of Saskatchewan, Canada

EUIMM 19 **Title: The effect of nitration on the potential allergenicity of wheat derived alpha amylase trypsin inhibitors (ATIs)**
Kira Ziegler, Max Planck Institute for Chemistry, Germany

EUIMM 20 **Title: Participation of plasmacytoid dendritic cells and NKT cells in the mouse model of lupus induced by non-bilayer phospholipid arrangements**
Landa S Carla, ENCB- The National Polytechnic Institute, Mexico

Poster Presentations

EUIMM 21 **Title: Significance of DNA methylation to polyp formation of eosinophil and neutrophil in chronic rhinosinusitis**
Jong-Yeup Kim, Konyang University, South Korea

EUIMM 22 **Title: The NOD-like receptor (NLRP3) gene variability in patients with recurrent aphthous stomatitis**
Simona Valova, Masaryk University, Czech Republic

EUIMM 23 **Title: Lipin-2 mRNA inhibition aggravates TLR ligands induced inflammation**
Seung-Heon Hong, Wonkwang University, South Korea

EUIMM 24 **Title: Regulation of TIM-3 expression in T cells by tumor-conditioned media**
Sun Park and Sujin Yun, Ajou University, South Korea

EUIMM 25 **Title: Ectopic expression of the membrane-bound form of IL-17A promotes the growth and tumorigenicity of cancer cells**
Young Sang Kim, Chungnam National University, Republic of Korea

EUIMM 26 **Title: Anti-inflammatory effect of guggulsterone on inflammatory responses through ROS-HO-l axis**
Sung-Joo Park, Wonkwang University, South Korea

EUIMM 27	**Title: Lack of full re-constitution of exhausted HCV-specific CD8+ T cells following IFN-free DAA therapy is partially reversed upon immune check-point inhibitions during chronic HCV** **Amare Aregay,** Hannover Medical School, Germany
EUIMM 28	**Title: Analysis of factors affecting the differences between total IgG and sum of the IgG subclasses in children with suspected immunodeficiency** **Gerard Pasternak,** Wroclaw Medical University, Poland
EUIMM 29	**Title: Distinct upstream role of type I IFN signaling in hematopoietic stem cell-derived and epithelial resident cells for concerted recruitment of Ly-6Chi monocytes and NK cells via CCL2-CCL3 cascade** **Seong Kug Eo,** Chonbuk National University, South Korea
EUIMM 30	**Title: Serum protein pattern associated with severe manifestations of SLE: Organ damage and lupus nephritis** **Eva Kriegova and Anna Petrackova,** Palacky University Olomouc, Czech Republic
EUIMM 31	**Title: Significantly increase of memory T-cells in rejected liver allografts in rhesus monkeys** **Kyung-Suk Suh,** Seoul National University, South Korea
EUIMM 32	**Title: The humanized antibody h8G12 prevented arthritis through targeting both TNF-α and RANKL in DBA/1 monoarthritic mice** **Wenming Zhao & Huihui Yuan,** Capital Medical University, China
EUIMM 33	**Title: NK cells aggravate acute lung injury via up-regulation of NKG2D during early stage of H1N1 influenza infection** **Xulong Zhang,** Capital Medical University, China

e-Posters

EUIMM 01	**Title: Immunological and molecular characterization of hepatitis B virus in asymptomatic voluntary blood donors** **Pushkala Subramanian,** Dr. M.G.R Medical University, India
EUIMM 02	**Title: Vanadium and chromium mediated impairments in the immunological reactivity of rats with aseptic inflammation** **Aliya N Tokusheva,** Asfendiyarov Kazakh National Medical University, Kazakhstan

Panel Discussion

Day 3 July 1, 2017

Salmanca

Sessions:

Cancer and Tumor Immunobiology | Autoimmunity and Therapathies | Clinical and Cellular Immunology

Session Chair: Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

Session Introduction

Title: Loss of immunological tolerance as a driving force of inflammation in the NSG-UC mouse model of ulcerative colitis
Roswitha Gropp, Hospital of Ludwig-Maximilians-University, Germany
Title: ER Intrabodies against the polysialyltransferases ST8SiaII and ST8SiaIV inhibit polysialylation of NCAM in rhabdomyosarcoma tumor cells
Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

Networking & Refreshment Break

Title: Cross-talk between human mast cells and epithelial cells by IgE-mediated periostin production in eosinophilic nasal polyps
Dong-Kyu Kim, Hallym University College of Medicine, South Korea
Title: Released-active antibodies are innovative products for the effective management of severe respiratory viral infections
Alexandra Emelyanova, The Institute of General Pathology and Pathophysiology, Moscow
Title: Role of co-inhibitory pathways during experimental infection by *Trypanosoma cruzi* Tulahuen strain
Yanina H Arana P, Bernhard Nocht Institute for Tropical Medicine (BNITM), Germany
Title: Anti-C1q antibody concentrations by ELISA in systemic lupus erythematosus
Audrey Margery-Muir, Curtin University, Western Australia

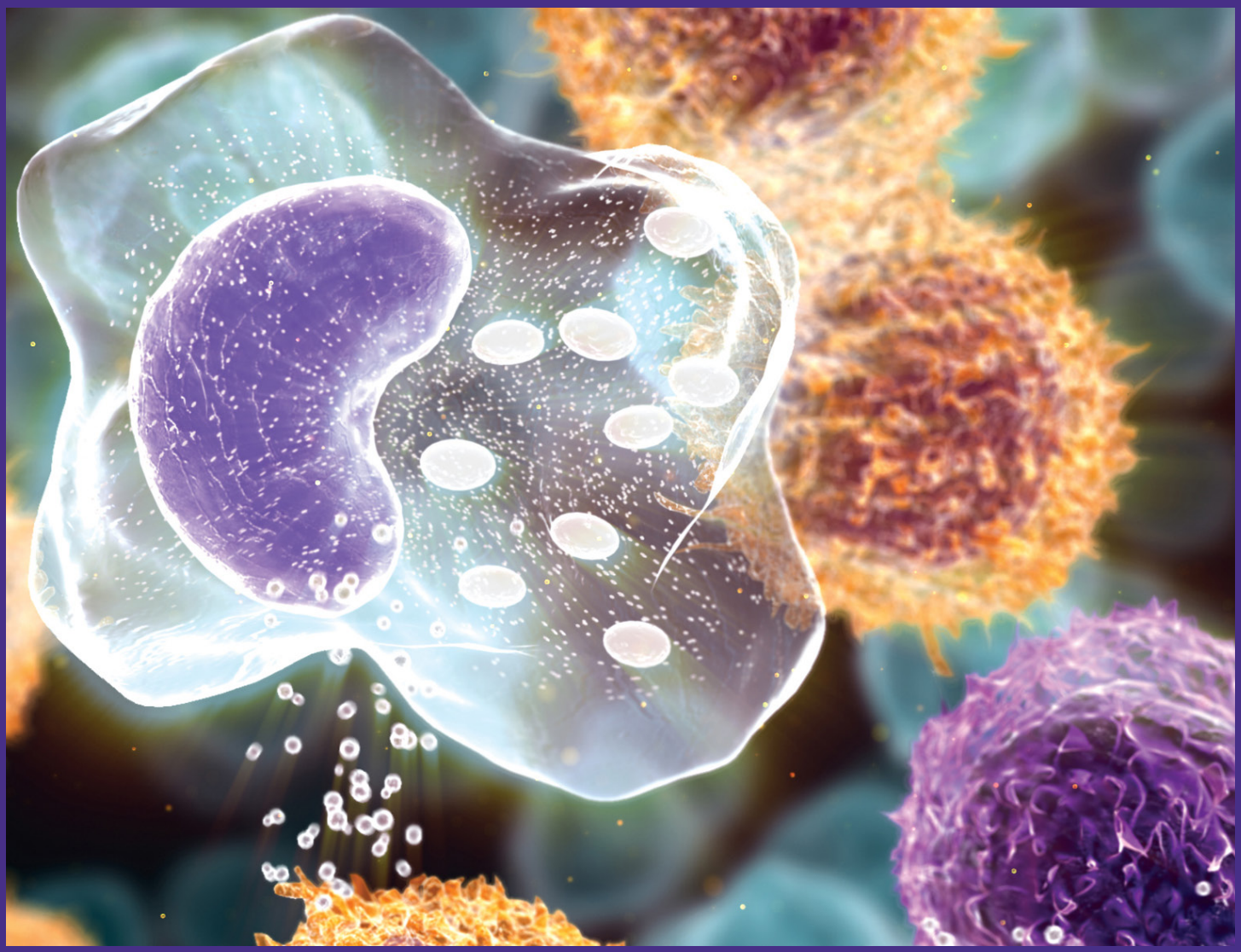
Networking & Lunch Break

Panel Discussion

Closing Ceremony

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566th Conference

Scientific Program



Proceedings of

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Scientific Program

Day 1 July 21, 2016

Registrations

Introduction

Embassy I+II

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Opening Ceremony

Keynote Forum

Title: New serological markers for celiac disease diagnosis: Anti-neo-epitope human and microbial transglutaminases antibodies

Aaron Lerner, AESKU.KIPP Institute, Germany

Title: MIF proteins as prototypical innate chemokines in inflammatory and cardiovascular disease

Jurgen Bernhagen, Ludwig-Maximilians University of Munich, Germany

Networking & Refreshments Break

Title: Immunomics using protein and peptide microarrays for (cancer) biomarker development

Andreas Weinhausel, Austrian Institute of Technology GmbH, Austria

Title: The human toponome project: Translating the spatial protein network code into efficient therapies

Walter Schubert, ToposNomos Ltd., Germany

Exhibitor

Adaptive Biotechnologies

Jochen lips, Adaptive Biotechnologies, USA

Group Photo

Lunch Break

Sessions:
Cellular Immunology
Inflammatory/Autoimmune Diseases
Infectious Diseases and Immune System
Innate Immunity
Innate Immune Evasion
Other Species Immunity
Innate Molecular Immunology

Session Introduction

Session Chairs: Andreas Weinhausel, Austrian Institute of Technology GmbH, Austria

Jessy S Deshane, University of Alabama at Birmingham, USA

Title: *Citrobacter rodentium* NleB blocks TRAF3 K63-linked ubiquitination to inhibit interferon-β production

Philip R Hardwidge, Kansas State University, USA

Title: C3 component deposition on *Salmonella* O48 cells characterized by sialylated lipopolysaccharide and different pattern of outer membrane proteins

Bozena Futoma-Koloch, University of Wroclaw, Poland

Title: Longitudinal changes in airway microbiome signatures and immunoregulatory cell dynamics following bronchial thermoplasty

Jessy S Deshane, University of Alabama at Birmingham, USA

Title: Lymphocyte subpopulations as affected by dietary fatty acids

Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

Title: The functions of the histone H2A deubiquitinase (H2A-DUB/MYSM1) in innate immune regulation

Nelson Gekara, Laboratory for Molecular Infection Medicine Sweden (MIMS), Sweden

Title: *Pseudomonas aeruginosa*-mediated modulation of host defense responses

Un-Hwan Ha, Korea University, Republic of Korea

Title: Interaction of the parasite *Trichomonas vaginalis* with human neutrophil extracellular traps

Eva E Avila, Universidad de Guanajuato, Mexico

Title: Locust innate immunity: Hemocyte replenishment, cytokine identification and involvement of an angiotensin converting ortholog

Tewodros Firdissa Duressa, KU Leuven, Belgium

Title: Electroacupuncture prevents white adipose tissue inflammation through modulation of hypoxia-inducible factors-1α-dependent pathway in obese animals

Tzung-Yan Lee, Chang Gung University, Taiwan

Title: Signaling cascades regulating natural killer cell activation threshold

Mira Barda-Saad, Bar-Ilan University, Israel

Title: Non-specific transcription initiation by RNA polymerase III and its possible implication in innate immunity

Nayef Jarrous, The Hebrew University of Jerusalem, Israel

Title: No relationship between lipoprotein-associated phospholipase A2, proinflammatory cytokines, and neopterin in Alzheimer's disease

Sumru Savas, Ege University School of Medicine, Turkey

Title: A rapid and quantifiable flow cytometry-based potency assay to measure the immunomodulatory properties of Mesenchymal Stromal Cells

Andreia Marques Ribeiro, National University of Ireland, Ireland

Panel Discussion

Day 2 July 22, 2016

Embassy I+II

Keynote Forum

Title: Hypothesis testing: A role for inflammasome activation in pediatric autoimmune hepatitis?

Kathleen B Schwarz, Johns Hopkins University School of Medicine, USA

Title: Natural killer receptor 1 dampens the development of allergic eosinophilic airway inflammation

Yaffa Mizrachi Nebenzahl, Ben Gurion University of the Negev, Israel

Networking & Refreshments Break

Sessions:

Cancer and Tumor Immunobiology

Vaccines and Vaccination

Immunotherapy

Auto Immunity

Diagnostic Immunology

Inflammation

Innate Cancer Immunology

Immunity Vitamins

Session Introduction

Session Chair: Kathleen B Schwarz, Johns Hopkins University School of Medicine, USA

Session Co-Chair: Ildiko Molnar, EndoMed, Hungary

Title: Suppression of B lymphopoiesis by myeloid-derived suppressor cells in tumor-bearing mice

Jessy S Deshane, University of Alabama at Birmingham, USA

Title: The role of tissue-specific type 2 5'-deiodinase enzyme activities in Graves' orbitopathy and systemic sclerosis: A new candidate in thyroid autoimmunity

Ildiko Molnar, EndoMed, Hungary

Title: Modulating the antioxidant defences to potentiate oncolytic virotherapy in prostate cancer

Rongtuan Lin, McGill University, Canada

Title: Development of microfabricated tools to investigate immune cell-tumor cell interactions

Meltem Elitas, Sabanci University, Turkey

Title: Transforming growth factor-β programs central-memory differentiation in *ex-vivo* stimulated human T cells by modulating ID3 expression

Amina Dahmani, University of Montreal, Canada

Lunch Break

Title: The innate chemokine MIF goes adaptive in atherosclerosis
Omar El Bounkari, Klinikum der Universität München, Germany
Title: Estrogen based hormonal therapy to modulate the intestinal innate immune response in Parkinson's disease
Denis Soulet, Laval University, Canada
Title: Unmasking the masquerading cancer cells: Have we made progress with the revival of immunotherapy?
Ganapathi Bhat Mugulthimoole, Jaslok Hospital & Research Centre, India
Title: Tumor treating fields (TTFields) induced cancer cell death may be immunogenic resulting in enhanced antitumor efficacy when combined with immune-modulating therapy
Moshe Giladi, Novocure Ltd., Israel
Title: Hypoxia limits CTL functions: Lessons from live intratumoral imaging
Tali Feferman, Weizmann Institute of Science, Israel
Title: Multi-drug resistant proteins expression in primary enucleated retinoblastoma eyes versus surgery after conservative treatment
Hisham AbdEl Dayem, Ain Shams University, Egypt

Networking & Refreshments Break

Title: Role of WW domain-containing oxidoreductase WWOX in driving T-cell acute lymphoblastic leukemia maturation
Nan-Shan Chang, National Cheng Kung University, Taiwan
Title: Collection and characterization of potentially novel antimicrobial peptides from Japanese medaka plasma
Miao Dong, City University of Hong Kong, Hong Kong SAR
Title: Deciphering the crystal structure of NF-CU - a novel bispecific antibody for the treatment of acute myeloid leukemia
Anne Stinn, Max Planck Institute for Infection Biology, Germany
Title: A recombinant subunit vaccine based on rOmp2b protein induces protection against Brucella infection in BALB/c mice
Maryam Golshani, Pasteur Institute of Iran, Iran
Title: Bioluminescence-based detection of brain immune cells apoptosis and ATP depletion induced by aflatoxin B1
Jalil Mehrzd, Ferdowsi University of Mashhad, Iran

Poster Presentations

EIMM-001	**Title: CD4+ T-cell proliferation after co-culture of human neutrophils challenged with *Paracoccidioides brasiliensis* with dendritic cells: Crosstalk between neutrophils and dendritic cells** **Daniela Ramos Rodrigues,** Univsidade Estadual Paulista, Brazil
EIMM-002	**Title: Dendritic cells challenged with *paracoccidioides brasiliensis* promote Treg cell response** **Reginaldo Keller Fernandes,** Universidade Estadual Paulista, Brazil
EIMM-003	**Title: *Flavivirus* nonstructural protein 1 based recombinant vaccine** **Ching-Len Liao,** National Health Research Institutes, Taiwan
EIMM-004	**Title: STAT3 mutation presenting with atopic dermatitis** **Ferah Genel,** Dr. Behcet Uz Children's Hospital, Turkey
EIMM-005	**Title: Studies on expression of gamma glutamylcysteine synthetase (γGCS) in Leishmania tarentolae** **Muattaz Hussain,** University of Strathclyde, UK
EIMM-006	**Title: Viral cooption and amplification of pro-inflammatory and IFN mediated reprogramming of macrophage's metabolism** **Konstantinos Kotzamanis,** University of Edinburgh, UK
EIMM-007	**Title: Neutrophils function in patients with a deficit of IgG subclass** **Gerard Pasternak,** Wroclaw Medical University, Poland
EIMM-008	**Title: IFN-γ and TNF-α polymorphism in patients with primary immunodeficiency** **Aleksandra Lewandowicz-Uszyńska,** Wroclaw Medical University, Poland
EIMM-009	**Title: Clinical, genetic and immunological analysis of patients with ataxia telangiectasia - of one center experience** **Gerard Pasternak,** Wroclaw Medical University, Poland
EIMM-010	**Title: ANCA vasculitis** **Gadiri Sabiha,** Clinical Hospital St Therese Annaba, Algeria
EIMM-011	**Title: *Toxoplasma gondii* microneme proteins 1 and 4 recognize N-glycans of TLR2 and TLR4 triggers the initial immune response to the protozoan** **Camila Figueiredo Pinzan,** University of Sao Paulo, Brazil

INIM-001

Title: Natural tissue-specific proteins and peptides stimulate innate immunity in experimental immunodeficiency

Elena Aleksandrovna Kotenkova, The Gorbatov's All-Russian Meat Research Institute, Russia

INIM-002

Title: Role of PTX3 in the immune response to *S. aureus* intramammary infection

Joel Fernando Soares Filipe, University of Milan, Italy

INIM-003

Title: Toxoplasma gondii tachyzoites induce NETosis in donkeys

Sami Gokpinar, Kirikkale University, Turkey

INIM-004

Title: Extracellular traps formation of sheep and cattle polymorph nuclear neutrophils against *Toxoplasma gondii*

Kader Yildiz, Kirikkale University, Turkey

INIM-005

Title: *In vitro* investigation on extracellular traps formation of cat polymorph nuclear leucocytes against to *Toxoplasma gondii*

Neslihan Sursal, Ankara University, Turkey

Day 3 July 23, 2016

Embassy I+II

Sessions:
Allergy and Therapathies
Technological Innovations in Immunology
Rheumatology
Innate Immune Responses

Session Introduction

Session Chair: Thomas Boldicke, Helmholtz Centre for Infection Research, Germany

Session Co-chair: Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

Title: Recent highlights of in vivo knockdown by intrabodies

Thomas Boldicke, Helmholtz Centre for Infection Research, Germany

Title: Effect of flaxseed supplementation on the innate immune response

Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

Title: Gut microbiota, bacterial metabolites and metabolite-sensing GPCRs determine mucosal tolerance and protection against food allergy

Laurence Macia, Charles Perkins Centre, School of medical sciences, University of Sydney, Australia

Networking & Refreshments Break

Title: Long-term drug free clinical-remissions (CR) in patients with Rheumatoid arthritis (RA) on cDMARDs followed prospectively at a single rheumatology clinic in Northern India over two years

Sundeep Kumar Upadhyaya, Indraprastha Apollo Hospitals, India

Title: Intra-maxillary molecular delivery and blood monitoring via dental implant

Yu-Jung Li, St. Mary's Junior College of Medicine, Taiwan

Title: Effect of extracellular matrix and hypoxia on mesenchymal stromal cell differentiation

Andreia Ribeiro, National University of Ireland, Ireland

Title: Novel phage displayed derived nanobody against placenta growth factor inhibited *in vitro* and *in vivo* angiogenesis model

Roghaye Arezumand, North Khorasan University of Medical Sciences, Iran

Title: The immune response of prolactin and the induction of tumor necrosis factor (TNF) in Iraqi patients infected with hepatitis C virus

Hedef Dhafir El-Yassin, University of Baghdad, Iraq

Lunch Break:

Closing Ceremony

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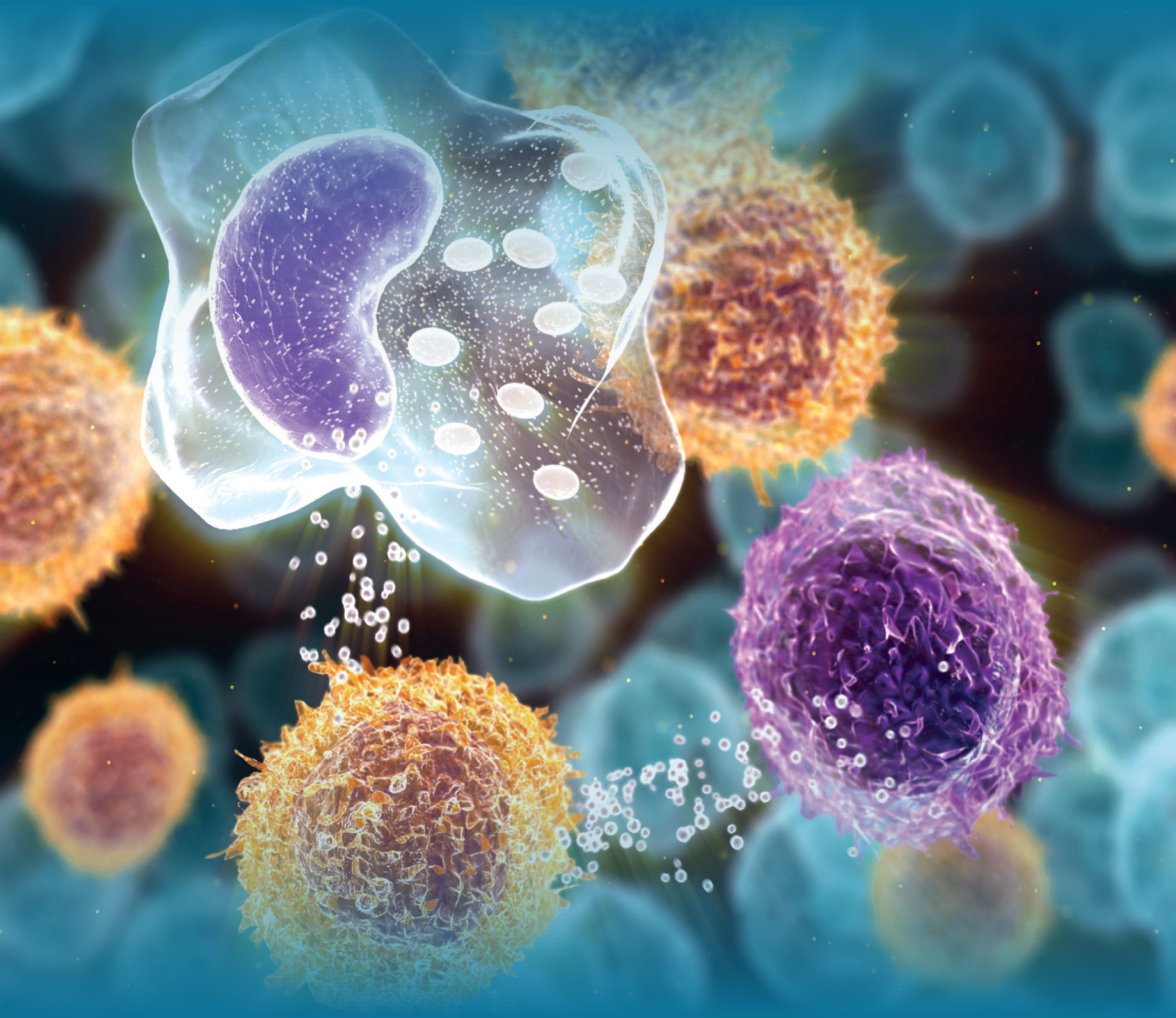
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Scientific Program

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Day 1 **September 28, 2015**

Registrations

Windsor - I

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Opening Ceremony

Keynote Forum

Introduction

Title: Blockade of recombinant human IL-6 with tocilizumab inhibits matrix metallo proteinase-9 in the C28/I2 cell line of immortalized human chondrocytes

Charles J Malemud, Case Western Reserve University School of Medicine, USA

Title: The provocative issue of tumor genomic heterogeneity with respect to active and passive immunotherapy

Michael G Hanna, Vaccinogen, Inc., USA

Title: Rational vaccine design using reverse vaccinology, data base data analysis, and literature mining

Yongqun Oliver He, University of Michigan Medical School, USA

Coffee Break

Title: The role played by the host inflammatory cells in adult stem cells mediated tissue repair

Johnny Huard, University of Texas Health Science Center at Houston, USA

Title: Intestinal and lung inflammation cause systemic genotox icity throughout the body

Robert H Schiestl, University of California, USA

Symposium

Stem Cells in Immunology
Yong Li, University of Texas School of Medicine at Houston, USA

Track 1: Clinical Immunology: Current & Future Research
Track 2: Cellular Immunology and Latest Innovations
Track 3: Immunotherapy & Cancer Immunotherapy: From Basic Biology to Translational Research
Track 4: Infectious Diseases, Emerging and Reemerging Diseases: Confronting Future Outbreaks
Track 8: Reproductive Immunology

Session Chair: Michael G Hanna, Vaccinogen, Inc., USA
Session Chair: Kamalakannan Rajasekaran, Blood Research Institute, USA

Session Introduction

Title: Defects in nuclear translocation of ERK1/2 and activation of c-Fos in ADAP deficient NK cells Correlates with decreased production of proinflammatory cytokines
Kamalakannan Rajasekaran, Blood Research Institute, USA
Title: Imaging in cancer immunology: Phenotyping of multiple immune cell subsets *in-situ* in FFPE tissue sections
Kristin Schmidt, Perkin Elmer, USA
Title: Status of vaccination against seasonal influenza in pregnant Japanese women: Effect on infection rate among primiparous and multiparous women
Takahiro Yamada, Hokkaido University Graduate School of Medicine, Japan

Group Photo

Lunch Break

Title: Genetic features of NO generating systems and resistant to Ehrlich carcinoma
Malyshev Igor, Moscow State University of Medicine and Dentistry, Russia
Title: Tumour arginine addiction subverts the anti-cancer immune response
Francis Mussai, University of Birmingham, UK
Title: Expression of immunoglobulin gamma heavy chain gene in acute myeloid leukemia
C Cameron Yin, The University of Texas MD Anderson Cancer Center, USA
Title: Batf is essential for IL-4 expression in T follicular helper cells
Nurieva Roza Insafetdinovna, University of Texas MD Anderson Cancer Center, USA
LFA-1/ICAM-1 ligation in T-cells influences both Notch and TGF-β pathways
Navin K Verma, Nanyang Technological University, Singapore
Title: Characterization of intestinal inflammation-induced systemic genotoxicity and its potential use as a biomarker of disease activity
Robert H Schiestl, University of California, USA

Coffee Break

Title: Mysm1 epigenetically regulates B1 cell proliferation via targeting miR150
Xiao-Xia Jiang, Institute of Basic Medical Science, China
Title: Heterogeneous tumor stroma and prostate carcinogenesis
Omar E Franco, NorthShore University HealthSystem Research Institute, USA
Title: Immune modulation in children in South Africa, a practical approach
Pieter Rousseau Fourie, Stellenbosch University, South Africa
Title: Differences in cytokine concentrations in maternal serum and umbilical cord blood may be related to placental exchange control mechanisms
Estibalitz Laresgoiti-Servitje, Tecnológico de Monterrey, Mexico
Title: Molecular and serological methods application for the diagnosis of avian mycoplasmosis in Kuwait poultry industries
Ebtesam H M Al-Ali, Kuwait Institute for Scientific Research, Kuwait
Title: Update of immunodiagnosis of cystic echinococcosis
Eman H Abdel-Rahman, National Research Center, Egypt

Panel Discussion

Day 2 September 29, 2015

Windsor - I

Keynote Forum

Title: Targeting the elusive sézary cell
Madeleine Duvic, The University of Texas MD Anderson Cancer Center, USA

Title: Bee products as immuno-potentiation
Ahmed G Hegazi, National Research Center, Egypt

Track 09: Cytokines and Current Research
Track 10: Vaccines and Immunotherapy
Track 11: Inflammation and Therapies
Track 15: Immunodeficiency
Track 17: Immunopathology
Track 18: Nutritional Immunology: A Multi-Dimensional Approach

Session Chair: Charles J Malemud, Case Western Reserve University School of Medicine, USA
Session Chair: Yongqun Oliver He, University of Michigan Medical School, USA

Session Introduction

Title: Activation of protective innate-adaptive immunity duo for conferring rapid-sustained-broad protection of vaccines against infectious agents
De-chu Christopher Tang, VaxDome LLC & Vaxin Inc., USA
Title: A chimeric protein (mTcd138) comprising the glucosyltransferase and domains of toxin B and the receptor binding domain of toxin A provides full protection against *Clostridium difficile* infection in mice
Xingmin Sun, Tufts University, USA

Coffee Break

Title: The role of IL-17A in postmenopausal inflammatory events, such as in osteoporosis
Ildikó Molnár, Immunoendocrinology and Osteoporosis Centre, Hungary

Title: Cytokines pattern of Multiple Sclerosis patients treated with Apitherapy
Ahmed G Hegazi, National Research Center, Egypt

Title: Should therapeutic agents for sepsis target the glycocalyx?
Seema Bhargava, Sir Ganga Ram Hospital, India
Title: The inflammasome: Critical roles in intestinal homeostasis
Hasan Zaki, University of Texas Southwestern Medical Center, USA
Title: Loss of HS1 inhibits neutrophil extravasation during inflammation via disturbed PKA signaling
Michael Schnoor, CINEVISTAV-National Polytechnic Institute, Mexico
Title: Fanconi anemia: Immune deficiency and susceptibility to cancer
Maria da Graça Justo Araujo, State University of Rio de Janeiro, Brazil

Lunch Break

Title: Renin angiotensin system and malaria: New aspects in the pathogenesis of the disease
Ana Acacia Pinheiro, Instituto de Biofísica Carlos Chagas Filho, Brazil
Title: Usefulness of initial single intravenous immunoglobulin therapy for Kawasaki disease
Toshimasa Nakada, Aomori Prefectural Central Hospital, Japan
Title: Molecular impact induced by different shaped graphene oxide on immune cells
Lucia Gemma Delogu, University of Sassari, Italy
Title: Effect of dietary supplementation of *Bacillus subtilis* and *Terribacillus saccharophillus* on the innate immune responses of a tropical freshwater fish, Labeo rohita
Kalarani Varada, Sri Padmavati Mahila Visvavidyalayam (Women's University), India
Title: Innate immunity in cardiology: Vessel and valve
Ming-Yow Hung, Taipei Medical University, Taiwan
Title: A TSPO ligand Ro5-4864 as an inhibitor of NLRP3 inflammasome
Seong-Woon Yu, Daegu Gyeongbuk Institute of Science and Technology, Korea
Title: The role of complement factor H-like and factor H-related proteins in age-related macular degeneration
Simon J Clark, University of Manchester, UK

Coffee Break

International Symposia on Apitherapy in Immune System
Symposium Chair: Ahmed G Hegazi, National Research Center, Egypt

Ahmed G Hegazi, National Research Center, Egypt

Amber Rose, (Board Certified NCCAOM), LMSW, USA

Aliaa El Gendy, National Research Center, Egypt

Maha M Saber, National Research Center, Egypt

Magdy I Al-Shourbagi, Sharm El Sheikh International Hospital, Egypt

Mona Mostafa Farid Ganem, National Research Center, Egypt

Ehab Kamal, National Research Center, Egypt

Walid M A Sadek, Agricultural Research Center, Egypt

Eitedal Mahmoud Daoud, National Research Center, Egypt

Poster Session @ Gallery

Poster Judge: Charles J Malemud, Case Western Reserve University School of Medicine, USA

IMMP01	**Title: Seroprevalence of *Helicobactor pylori* and *Hepatitis C* virus antibodies in leukemia and malignant lymphoma**
	Mona Gamal Morsi, Faculty of Medicine, University of Alexandria, Egypt
IMMP02	**Title: Mutational analysis of DNAse I Gene is Pakistani SLE patients**
	Nageen Hussain, University of the Punjab, Pakistan
IMMP03	**Title: Peptide based treatment for neutralising LPS in septicemia and controlling the release of proinflammatory cytokines**
	Madhuri Padala, University College of Science, India

IMMP04	**Title: *In vitro* evaluation of the comprehensive antimicrobial and antioxidant properties of *Curtisia dentata* (Burm. f) C.A. Sm: Toxicological effect on the human embryonic kidney (HEK293) and human hepato-cellular carcinoma (HepG2) cell lines**
	Victor Olugbenga Fadipe, University of Zululand, South Africa
IMMP05	**Title: Antibodies against epitopes on HN domain of botulinum neurotoxin- A protect against toxin poisoning**
	Ayyar Balasubramanium Vijayalakshmi, Baylor College of Medicine, USA
IMMP06	**Title: Immunopathogenesis of swine neurocysticercosis after anti-parasitic therapy**
	Satyendra Kumar Singh, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India
IMMP07	**Title: Novel peptide inhibitors of human tumor necrosis factor-α: Molecular modelling and *in-vitro* assays**
	Debasis Sahu, CSIR-Institute of Genomics and Integrative Biology, India
IMMP08	**Title: Administration of fermented cheese whey to apparently healthy albino rats caused an increase in the population of the cells of the immune system**
	Tinuola Tokunbo Adebolu, The Federal University of Technology, Nigeria
IMMP09	**Title: Cancer-specific CTL Expansion with ZYX Bioreacto**
	Yongxin Zhang, Zyxell Inc., USA
IMMP10	**Title: Specific immune tolerance to spinal antigens as a protective strategy in rats with traumatic spinal cord injury**
	Lorena Martínez Alcantar, Universidad Michoacana de San Nicolás de Hidalgo, Mexico
e-Posters	
IMMeP01	**Title: Splenic CD11c(+) cells derived from semi-immune mice protect naïve mice against experimental cerebral malaria**
	Lam Quoc Bao, Nagasaki University, Japan
IMMeP02	**Title: A case of mixed connective tissue disease (MCTD) associated with perforated nasal septum, heliotrope rash and atypical presentation responding to pulse therapy**
	Asaad T Abdelhalim, Omdurman Islamic University School of Medicine, Sudan
IMMeP03	**Title: γδ T cells expansion and function stimulated with IL-18: Role of NK cells**
	Atif SM Idrees, Alneelain University, Sudan
IMMeP04	**Title: Chromo endoscopy associated with endoscopic laryngeal surgery for treatment of recurrent respiratory papillomatosis (Phase II)**
	Rey Caro Daniel Gonzalo, Chutro Clinic in Cordoba, Argentina
Day 3 September 30, 2015	
Windsor - I	
Special Sessioin on Post Doctoral Career Development **Charles J Malemud**, Case Western Reserve University School of Medicine, USA	
Session Chair: Charles J Malemud, Case Western Reserve University School of Medicine, USA	
Session Introduction	
Title: Innovative diagnostic approach in primary immune deficiencies **Michelle Tseng**, Amerimmune Immunology Diagnostic Laboratory, USA **Title: Vaccinia virus MVA as vector-vaccine strategy to modulate immune responses against *Papillomavirus*** **Ricardo Rosales**, Virolab S de RL de CV, Mexico **Title: The neuroimmunological basis of long-term behavioral sequelae in bacterial meningitis** **Tatiana Barichello**, The University of Texas Health Science Center at Houston, USA **Title: Evaluation of an appropriate therapeutic strategy with mesenchymal stromal cells in a pre-clinical mouse model of autoimmune disease** **Xiubo Fan**, Singapore General Hospital, Singapore	
Coffee Break	

Title: The effect of bee venom on rheumatoid arthritis patients
Ahmed G Hegazi, National Research Center, Egypt
Title: Human neonates display altered *ex vivo* monokine production related to healthy adults
Paulo R Z Antas, Oswaldo Cruz Institute-Fiocruz, Brazil
Title: The structural and molecular insights into natural killer T cell receptor (NKT) and CD1d-glycolipid recognition
Praveena Thirunavukkarasu, Monash University, Australia
Title: Therapy with immune modulators (cyclosporine A) in dermatology (focusing on psoriasis, atopic eczema, allergic vasculitis, and chronic urticaria)
Hana Zelenkova, Private Clinic of Dermatovenereology – DOST Svidnik, Slovakia
Title: Immunotoxicity of industrial effluents in fin fish: An alternative animal model for immunotoxicological studies
S Catherine P Alexander, Jayaraj Annapackiam College for Women (Autonomous), India
Title: Standing up against antibiotic resistance with synergistic approach
Sadaf Hasan, Aligarh Muslim University, India
Title: NOS1-derived nitric oxide promotes NF-kB stability and transcriptional activity by inhibiting suppressor of cytokine signaling (SOCS-1) in response to TLR4 activation
Mirza Saqib Baig, Indian Institute of Technology, India
Title: An internal ligand-bound, metastable state of a leukocyte integrin, $\alpha_X\beta_2$
Mehmet Sen, Harvard Medical School & University of Houston, USA

Lunch Break

Title: Rac1-dependent secretion of platelet-derived CCL5 regulates neutrophil recruitment via activation of alveolar macrophages in septic lung injury
Rundk Ahmed Hwaiz, Clinical Research Centre, Sweden
Title: Role of CXCL4 in neutrophil accumulation and tissue injury in severe acute pancreatitis
Mohammed Yousif Merza, Lund University, Sweden
Title: Standardized approach versus traditional approach in management of fever in children less than five years
Abdel-Azeem M El-Mazary, Minia University, Egypt
Title: Activity Peak of *in vitro* Expanded Immunocytes
Yongxin Zhang, Zyxell Inc., USA
Title: *In-vitro* analysis of cytokines responses of visceral leishmaniasis and pulmonary tuberculosis patients to homologous and heterologous antigen stimulation
Hadeel Faisal Gad, University of Khartoum, Sudan

Closing Ceremony

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