Supporting Organizations

## Day 1 June 29, 2017

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

**Title: Stress moderation impacting lupus with exercise (S.M.I.L.E.): Effects of moderate exercise and stress modification on autoimmune-mediated inflammation in mice and humans with lupus**

**Nicholas A Young,** The Ohio State University Wexner Medical Center, USA

**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,** Ludwig-Maximilians-University, USA

**Title: The molecular profiling of immunotherapeutic resistance**

**Maria Libera Ascierto,** 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 Development of Intrathymic B Cells in Young, Pre-insulitic NOD Mice may Abrogate the Selection of Insulin-reactive T Cells**

**E. Allison Green,** York University, UK

### Speech Opportunities are Available

**Title: NLRP3-inflammassome participates in the inflammatory response induced by *Paracoccidioides brasiliensis***

**Barbara Soares Gonçalves,** Faculty of Medicine of Jundiaí, University in Jundiaí, Brazil

**Title: The chronic inflammatory milieu in the lungs of patients with Primary Ciliary Dyskinesia (PCD) causes alterations in innate immune responses**

**Sofie Struyf,** University of Leuven, Belgium

**Title: Regulation of diversification and affinity maturation of antibodies**

**Thomas Grundström,** Umeå University, Sweden

**Title: Bowel Radiation Injury: Complexity of the pathophysiology and promises of cell and tissue engineering**

**Noelle Mathieu,** Marseille-Luminy Immunology Center, France

## Speech Opportunities are Available

**Title: ERAP1-ERAP2 dimers trim MHC I-bound precursor peptides; understanding peptide editing**

**Marlene Bouvier,** University of Illinois at Chicago, France

**Title: Cell targeting in cancer therapy**

**Donglu Shi,** Tongji University, China

**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,** YuNanjing Medical University, China

**Title: The majority of T cells, including Treg cells, NKT and γδ T cells are developed from CD4-CD8- T progenitor cells without the involvement of CD4+CD8+ stage in the thymus**

**Tie Liu,** Northwestern Xi'an Jiaotong University Health Science Center, China

**Title: Regulation of TIM-3 expression in T cells by tumor-conditioned media**

**Su-jin Yun,** Ajou University, South Korea

**Title: Effect of Walnut (Juglans regia) oil on the experimental autoimmune encephalomyelitis in C57BL/6 mice**

**Ali Ganji,** Arak University of Medical Sciences, Iran

**Title: New protocol for generation of insulin-specific T regulatory cells**

**Ivana Stojanovic,** University of Belgrade, Serbia

**Title: A chimeric T cell antigen receptor (CAR) that targets VEGFR-2 expressing cells**

**Fatemeh Hajari Taheri,** Iran

## Speech Opportunities are Available

| Day 2 June 30, 2017 |
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| **Immunodeficiences**<br>**Microbial, Parasitic, and Fungal Immunology**<br>**Immune Response Regulation, Molecular Mechanisms**<br>**Innate Immune Responses** |

**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

**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: Butterfly Warrior: An Introspection on the Physical, Mental, Social and Emotional Aspects of Men with Systemic Lupus Erythematosus**

**Aldrin Mitchell B. Macatangay,** Manila Science High School, Philippines

## Speech Opportunities are Available

**Title: Immunization with Leishmania donovani Protein disulfide isomerase DNA construct induces Th1 and Th17 dependent immune response and protection against experimental visceral leishmaniasis in Balb/c mice**

**Sanjiva Bimal,** Rajendra Memorial Research Institute of Medical Sciences, India

**Title: High IgG1 malaria antibodies level in children is a possible risk factor of Blakcwater fever: A case-control study**

**Joseph M Bodi,** Kinshasa University, Democratic Republic of Congo

**Title: Preparation and immunological characterization of conjugated PIA- SesC as candidate vaccine against biofilm forming Staphylococcus epidermidis**

**Bahman Mirzaei,** Pasteur Institute of Iran, Iran

**Title: Phenotypic & Genotypic Study of Biofilm and Effectiveness on the Ability of CONS to Oxacillin Resistance Using Muller-Hinton Agar & Mannitol Salt Agar**

**Israa Mohamed safi al- kadmy,** Al-Mustansiriyah University, Iraq

## Speech Opportunities are Available

**Poster Presentations**

**Title: Investigation of a T cell subset that constitutively signals via STAT1 activation and is unresponsive to JAK1 inhibition; A potential mechanism of T cell subset autoimmune activation**

**Christopher Gaunt,** Clinical Unit Cambridge, UK

**Title: Phenotypic characterization of macrophages subpopulations CD3+ TCRαβ+/TCRαβ-**

**Adriana Rodriguez-Cruz,** Instituto Nacional de Enfermedades Respiratorias, Mexico

**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

## Poster Opportunities are Available

**Title: Identification of novel anti-inflammatory herbal extracts**

**Anne Schink,** Max Planck Institute for Chemistry, Germany

**Title: Serodiagnosis of tuberculosis: specific detection of antibodies against the Ag85C-MPT51-HspX fusion protein (CMX)**

**Eduardo Martins de Sousa,** University CEUMA, Brazil

**Title: Anti-Inflammatory activity of *Bixa orellana* extract aginist *Mycobacterium abscessus subsp.* bolletii**

**Eduardo Martins de Sousa,** University CEUMA, Brazil

**Title: Serum protein pattern associated with severe manifestations of SLE: organ damage and lupus nephritis**

**Petrackova A,** Palacky University Olomouc, Czech Republic

## Poster Opportunities are Available

**Title: Expression profiling of chemokine receptors in peripheral blood mononuclear cells in chronic lymphocytic leukemia**

**Gabcova G,** Palacky University Olomouc, Czech Republic

**Title: Impaired priming and increased ROS production by circulating neutrophils from patients with chronic lymphocytic leukemia**

**Manukyan G,** Palacky University Olomouc, Czech Republic

**Title: Validation of Candida Colonization Associated with Anamnestic Response of anti-Enolase IgG at Early Stage of Invasive Candidosis by Memory B-cell ELISPOT**

**Fang-qiu Li,** Nanjing University, China

**Title: The humanized antibody h8G12 prevented arthritis through targeting both TNF-α and RANKL in DBA/1 monoarthritic mice**

**Huihui Yuan,** Capital Medical University, China

**Title: Development of genotype VII NDV inactivated vaccine**

**Guan-Ming Ke,** National Pingtung University, Taiwan

**Title: Efficient production of type O foot - and - mouth disease subunit vaccine using baculovirus expression system**

**Chi-Chi WEN,** National Pingtung University, Taiwan

**Title: Epitope based vaccine design against *M. pneumoniae* : An immunoinformatics approach**

**Ambili Unni P,** VIT University, India

**Title: Malnutrition and thymic hipoplasia in the infancy**

**Edelis Castellanos,** Scielo-infomed, Cuba

**Title: Immunoinformatics Predication and in silico Modeling of Epitope-Based Peptide Vaccine Against virulent Newcastle Disease Viruses**

**Abdah Abdelmonim Adam,** Elrazi University, Sudan

**Title: Standardization of the immunization process and ELISA for the future obtaining of alpaca nanobodies against hepatitis B core antigen**

**Blga Dalia Violeta Churampi Mancilla,** Peruvian Cayetano Heredia University, Lima-Peru

**Day 3 July 01, 2017**

**Infectious Diseases and Immune System**
**Autoimmunity and Therapathies**
**Transplantation Immunology**
**Viral Immunology**
**Mucosal and Regional Immunology**

## Speech Opportunities are Available

**Title: Full Length Single Chain Fc Protein (FLSC IgG1) as a Potent Antiviral Therapy Candidate: Implications for In Vivo Studies**

**Olga S Latinovic,** University of Maryland, USA

**Title: Inactivation and Disinfection of Zika Virus in the Presence and Absence of Blood**

**S Steve Zhou,** Microbac Laboratories, Inc., USA

**Title: A novel animal model of aromatase inhibitor induced arthralgia suggests that the pathological mechanism of inflammation is estrogen-independent**

**Nicholas A Young,** The Ohio State University Wexner Medical Center, USA

**Title: The hope of immunonutrition**

**José Moisés Laparra Llopis,** Pabellón Central del antiguo Hospital de Cantoblanco, Spain

**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: Gastric Microbiome and Ovine Microhabitat Variations in response to early and late stages of Haemonchus contortus Infection**

**Saeed El-Ashram,** Kafr El-Sheikh University, Egypt

**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, Republic of Korea

**Title: Interleukin-10 blockade accelerates microvascular rejection in mouse orthotopic airway allografts**

**Mohammad Afzal Khan,** King Faisal Specialist Hospital and Research Centre, Saudi Arabia

## Poster Presentations

**Title: Development of flow cytometry based adherence assay for Nessieria gonorrhoeae using 5′-carboxyfluorosceinsuccidyl ester (CFSE) and ME-180 cells**

**SD Thkaur,** University of Saskatchewan, Canada

**Title: Anti-Inflammatory activity of Bixa orellana extract againist *Mycobacterium abscessus* subsp. Bolletii**

**Eduardo Martins de Sousa,** CEUMA University, Brazil

**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

**Title: The quinoline-3-carboxamide paquinimod prevents development of diabetes in the non-obese diabetic (NOD) mouse**

**Sahar Tahvili,** Lund University, Sweden

## Poster Opportunities are Available

**Title: Chorea and aphasia as a manifestation of SLE in an adolescent female: case report**

**Ortega-Alonzo SE,** Tecnológico de Monterrey, México

**Title: Exogenous truncated IK protein ameliorates inflammatory arthritis by HIF-1α induced A20**

**Jae-Hwan Nam,** The Catholic University of Korea, Korea

**Title: Significance of DNA methylation to polyp formation of Eosinophil and Neutrophil in Chronic Rhinosinusitis**

**Jong-Yeup Kim,** Konyang University, South Korea

**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 – IPN, Mexico

**Title: The NOD-like receptor (NLRP3) gene variability in patients with recurrent aphthous stomatitis**

**Simona Valova,** Masaryk University, Czech Republic

**Title: Lipin-2 mRNA inhibition aggravates TLR ligands induced inflammation**

**Seung-Heon Hong,** Wonkwang University, South Korea

**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

**Title: CD56+ T cells are increased in kidney transplant patients following cytomegalovirus infection**

**Mazen Almehmadi,** Saudi Arabia

**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

**Title: Anti-inflammatory Effect of Guggulsterone on inflammatory responses through ROS-HO-l axis**

**Sung-Joo Park,** Wonkwang University, South Korea

**Title: Amelioration of Japanese encephalitis by blockage of 4-1BB signaling is coupled to divergent enhancement of type I/II IFN responses and Ly-6Chi monocyte differentiation**

**Seong Kug Eo,** Chonbuk National University, South Korea

**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

**Title: PMNs as "Trojan horse" vehicles for Brucella abortus persistence in murine bone marrow**

**María Cristina Gutiérrez-Jiménez,** University of Costa Rica, Costa Rica

## Poster Opportunities are Available

**Award Ceremony**

## Madrid Attractions

