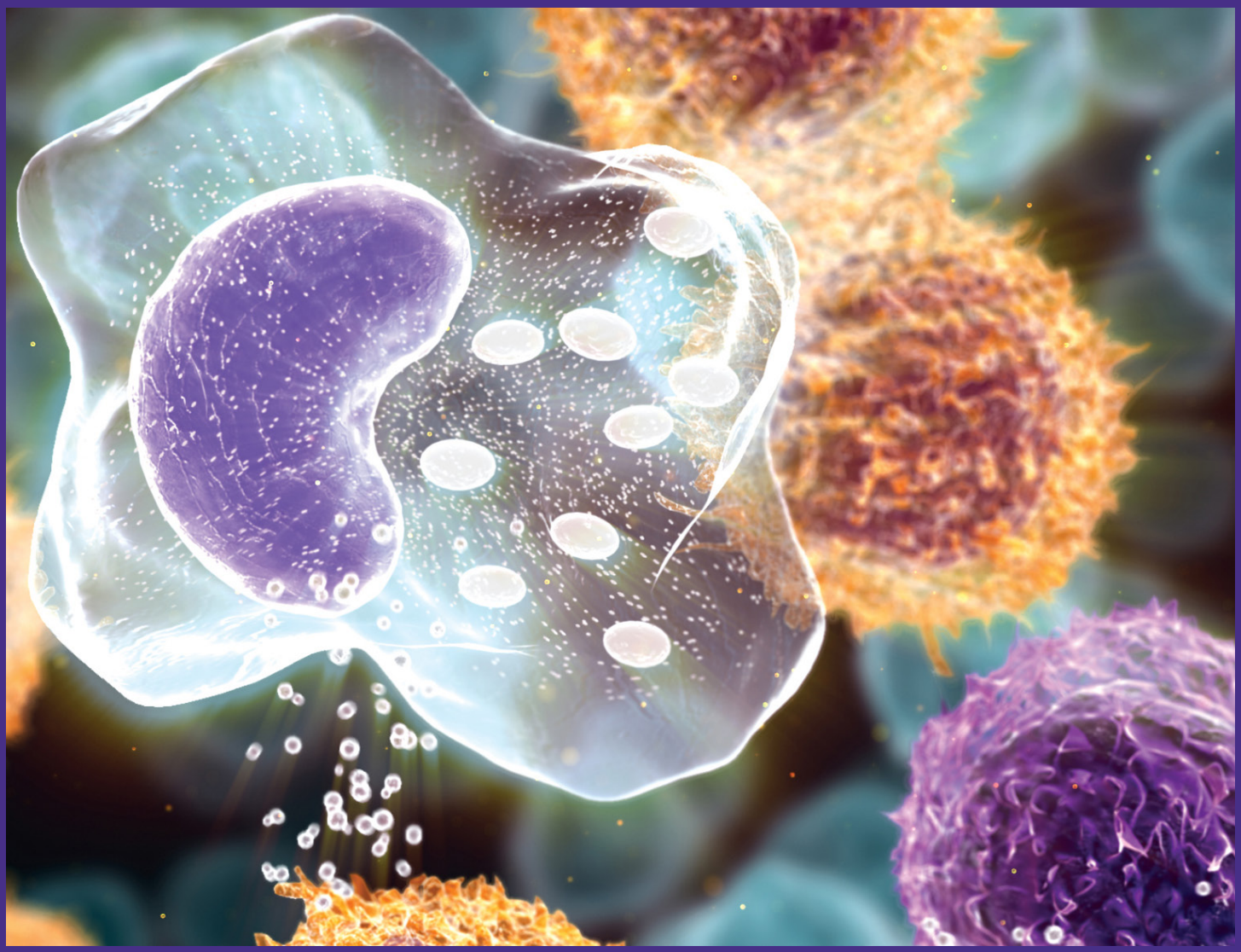
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566th Conference

Scientific Program



Proceedings of

Conference Series LLC Joint International Event on

5TH EUROPEAN IMMUNOLOGY & INNATE IMMUNITY

July 21-23, 2016 Berlin, Germany

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Scientific Program

Day 1 July 21, 2016

09:00-09:30 Registrations

09:30-09:35 Introduction

Embassy I+II

conferenceseries.com **09:35-10:00** Opening Ceremony

Keynote Forum

10:00-10:30
Title: New serological markers for celiac disease diagnosis: Anti-neo-epitope human and microbial transglutaminases antibodies
Aaron Lerner, AESKU.KIPP Institute, Germany

10:30-11:00
Title: MIF proteins as prototypical innate chemokines in inflammatory and cardiovascular disease
Jurgen Bernhagen, Ludwig-Maximilians University of Munich, Germany

Networking & Refreshments Break: 11:00-11:15 @ Main Lobby

11:15-11:45
Title: Immunomics using protein and peptide microarrays for (cancer) biomarker development
Andreas Weinhausel, Austrian Institute of Technology GmbH, Austria

11:45-12:15
Title: The human toponome project: Translating the spatial protein network code into efficient therapies
Walter Schubert, ToposNomos Ltd., Germany

Exhibitor

12:15-12:35
Adaptive Biotechnologies
Jochen lips, Adaptive Biotechnologies, USA

Group Photo

Lunch Break: 12:35-13:15 @ Element I+II Restaurant

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

13:15-13:35
Title: *Citrobacter rodentium* NleB blocks TRAF3 K63-linked ubiquitination to inhibit interferon-β production
Philip R Hardwidge, Kansas State University, USA

13:35-13:55
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

13:55-14:15
Title: Longitudinal changes in airway microbiome signatures and immunoregulatory cell dynamics following bronchial thermoplasty
Jessy S Deshane, University of Alabama at Birmingham, USA

14:15-14:35
Title: Lymphocyte subpopulations as affected by dietary fatty acids
Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

14:35-14:55
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

14:55-15:15
Title: *Pseudomonas aeruginosa*-mediated modulation of host defense responses
Un-Hwan Ha, Korea University, Republic of Korea

15:15-15:35
Title: Interaction of the parasite *Trichomonas vaginalis* with human neutrophil extracellular traps
Eva E Avila, Universidad de Guanajuato, Mexico

15:35-15:55	**Title: Locust innate immunity: Hemocyte replenishment, cytokine identification and involvement of an angiotensin converting ortholog** **Tewodros Firdissa Duressa,** KU Leuven, Belgium

Networking & Refreshments Break: 15:55-16:10 @ Main Lobby

16:10-16:30	**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
16:30-16:50	**Title: Signaling cascades regulating natural killer cell activation threshold** **Mira Barda-Saad,** Bar-Ilan University, Israel
16:50-17:10	**Title: Non-specific transcription initiation by RNA polymerase III and its possible implication in innate immunity** **Nayef Jarrous,** The Hebrew University of Jerusalem, Israel
17:10-17:30	**Title: No relationship between lipoprotein-associated phospholipase A2, proinflammatory cytokines, and neopterin in Alzheimer's disease** **Sumru Savas,** Ege University School of Medicine, Turkey
17:30-17:50	**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

10:00-10:30	**Title: Hypothesis testing: A role for inflammasome activation in pediatric autoimmune hepatitis?** **Kathleen B Schwarz,** Johns Hopkins University School of Medicine, USA
10:30-11:00	**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: 11:00-11:15 @ Main Lobby

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

11:15-11:35	**Title: Suppression of B lymphopoiesis by myeloid-derived suppressor cells in tumor-bearing mice** **Jessy S Deshane,** University of Alabama at Birmingham, USA
11:35-11:55	**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
11:55-12:15	**Title: Modulating the antioxidant defences to potentiate oncolytic virotherapy in prostate cancer** **Rongtuan Lin,** McGill University, Canada
12:15-12:35	**Title: Development of microfabricated tools to investigate immune cell-tumor cell interactions** **Meltem Elitas,** Sabanci University, Turkey
12:35-12:55	**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: 12:55-13:40 @ Element I+II Restaurant
13:40-14:00	**Title: The innate chemokine MIF goes adaptive in atherosclerosis** **Omar El Bounkari,** Klinikum der Universität München, Germany
14:00-14:20	**Title: Estrogen based hormonal therapy to modulate the intestinal innate immune response in Parkinson's disease** **Denis Soulet,** Laval University, Canada
14:20-14:40	**Title: Unmasking the masquerading cancer cells: Have we made progress with the revival of immunotherapy?** **Ganapathi Bhat Mugulthimoole,** Jaslok Hospital & Research Centre, India
14:40-15:00	**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
15:00-15:20	**Title: Hypoxia limits CTL functions: Lessons from live intratumoral imaging** **Tali Feferman,** Weizmann Institute of Science, Israel
15:20-15:40	**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: 15:40-16:00 @ Main Lobby
16:00-16:20	**Title: Role of WW domain-containing oxidoreductase WWOX in driving T-cell acute lymphoblastic leukemia maturation** **Nan-Shan Chang,** National Cheng Kung University, Taiwan
16:20-16:40	**Title: Collection and characterization of potentially novel antimicrobial peptides from Japanese medaka plasma** **Miao Dong,** City University of Hong Kong, Hong Kong SAR
16:40-17:00	**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
17:00-17:20	**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
17:20-17:40	**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: 15:40-16:10 @ Main Lobby
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

10:00-10:20	**Title: Recent highlights of in vivo knockdown by intrabodies** **Thomas Boldicke,** Helmholtz Centre for Infection Research, Germany
10:20-10:40	**Title: Effect of flaxseed supplementation on the innate immune response** **Hanan Al-Khalifa,** Kuwait Institute for Scientific Research, Kuwait
10:40-11:00	**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: 11:00-11:15 @ Main Lobby

11:15-11:35	**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
11:35-11:55	**Title: Intra-maxillary molecular delivery and blood monitoring via dental implant** **Yu-Jung Li,** St. Mary's Junior College of Medicine, Taiwan
11:55-12:15	**Title: Effect of extracellular matrix and hypoxia on mesenchymal stromal cell differentiation** **Andreia Ribeiro,** National University of Ireland, Ireland
12:15-12:35	**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
12:35-12:55	**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: 12:55-13:40 @ Element I+II Restaurant

Closing Ceremony