



Welcome to Vilnius

The 3rd EFIS forum on innate immunity in Sterile Inflammation, Autoimmunity, and their Resolution (iiSIAR)

May 11-13, 2026 | Hilton Garden Inn, Gedimino av. 44B, Vilnius, Lithuania

DAY 1 (Monday, May 11)		
11:00-13:00	Registration, welcome coffee	
13:00-14:00	Plenary session 1 - Key effectors in the Resolution of Inflammation <i>Chairs - Amiram Ariel and Adriano Rossi</i>	
	13:00-13:30	Annexin A1: from the control of neutrophil reactivity to a pro-resolving therapy in Phase II <i>Mauro Perretti (London, UK)</i>
	13:30-14:00	TBD <i>Massimo Locati (Milan, Italy)</i>
14:00-15:55	Session 1 - Innate Immunity in Sterile Inflammation <i>Chairs - Amiram Ariel and Adriano Rossi</i>	
	14:00-14:20	The BiST of Burden: Harnessing biased STING agonists to enhance the resolution of inflammation and limit tissue fibrosis <i>Amiram Ariel (Haifa, Israel)</i>
	14:20-14:40	Eyes that tell stories: visualising inflammation in the zebrafish eye <i>Adriano Rossi (Edinburg, UK)</i>
	14:40-14:55	Extracellular succinate as a novel DAMP-like signal in the central nervous system that regulates microglial inflammatory and mitochondrial responses <i>Andis Klegeris (UBC, Canada)</i>
14:55-15:25	Coffee break	

	15:25-15:40	Macrophages rescue cells from ferroptotic death <i>Jacob Rachmilewitz (Jerusalem, Israel)</i>
	15:40-15:55	Uncoupling Mitochondria and Bacteria-Induced NETosis by selective FPR1 agonism <i>Emil Becka (Bratislava, Slovakia)</i>
15:55-18:00	Plenary session 2 - Key Effectors in Immunity of Cancer <i>Chairs - Jo Van Gindreachter and Sven Brandau</i>	
	15:55-16:25	Metabolic and epigenetic control of cancer immunity <i>Massimiliano Mazzone (Leuven, Belgium)</i>
	16:25-16:45	Depleting IL1R2+ tumor-infiltrating regulatory T cells with an ADCC-prone nanobody construct boosts the efficacy of anti-PD-1 immunotherapy. <i>Jo Van Ginderachter (Brussels, Belgium)</i>
	16:45-17:00	TAM reprogramming with CD5L blockade overcomes chemotherapy resistance <i>Rodney Macedo Gonzales (Badalona, Spain)</i>
	17:00 -17:15	The innate immune receptor Formyl Peptide Receptor 1 exploits the cholesterol biosynthetic machinery to sustain resolution of inflammation in gastric cancer cells <i>Nella Prevete (Naples, Italy)</i>
	17:15 -17:30	A combined experimental–computational platform to characterize the dynamics of tumor-macrophage cell interaction using 3D cultures <i>Qiaoling Ye (Badalona, Spain)</i>
	17:30 -17:45	Soluble PD-1/PD-L1 as biomarkers in prostate cancer: innate immune landscape, potential cellular contributors, and clinical utility <i>Margarita Žvirblė (Vilnius, Lithuania)</i>
17:45-18:30	Flash talks (3 min each)	
19:00-22:00	Welcome reception (restaurant Neringa, Gedimino av. 23)	

DAY 2 (Tuesday, May 12)

9:00-10:55	Session 2 - Innate Immunity in Autoimmunity <i>Chairs - Zeinab Abdullah and Marzena Garley</i>	
9:00-9:30	Type 1 IFN autoantibodies in autoimmunity <i>Pärt Peterson (Tartu, Estonia)</i>	
9:30-9:50	Intranasal immunotherapy with Fc-fused antigens for the treatment of type 1 diabetes and allergy <i>Sylvaine You (Paris, France)</i>	
9:50-10:10	It takes two TLRs to drive autoimmunity in HIV <i>Zeinab Abdullah (Bonn, Germany)</i>	
10:10-10:30	From defense to dysregulation: The pleiotropic role of neutrophils in autoimmunity <i>Marzena Garley (Bialystok, Poland)</i>	
10:25-10:40	Spatially-resolved functional maps of synovial macrophages and structural cells in remission and arthritis <i>Janine Lueckgen (Ljubljana, Slovenia)</i>	
10:40-10:55	Targeting extracellular traps with CIT-013: Linking ET inhibition, immune cell reprogramming, and therapeutic potential in rheumatoid arthritis <i>Annemarie Kip (Cytril, Netherlands)</i>	
10:55-11:30	Coffee break	
11:30-13:00	SBL Mini-symposium 1 - Neutrophils in Innate Immunity <i>Chairs - Elodie Segura and Tal Burstyn-Cohen</i>	
11:30-12:00	Advancing our knowledge on human immunosuppressive neutrophils <i>Marco Cassatella (Verona, Italy)</i>	
12:00-12:30	Targeting the cytosolic scaffold of PCNA (Proliferating Cell Nuclear Antigen) in neutrophils to promote the resolution of inflammation <i>Veronique Witko-Sarsat (Paris, France)</i>	
12:30-13:00	Intratumoral biology of neutrophils <i>Sven Brandau (Essen, Germany)</i>	

13:00-14:00	Lunch (Hilton Garden Inn)	
14:00-15:30	IRA Mini-symposium - Therapeutic Targets in Acute and Chronic Inflammatory Memory <i>Chairs – Veronique Witko-Sarsat and Marco Casatella</i>	
	14:00-14:30	Innate immune exhaustion and rejuvenation in the treatment of disease <i>Liwu Li (Virginia Tech, VA, USA)</i>
	14:30-15:00	Targeting eNAMPT/TLR4 signaling to modulate persistent innate immunity dysregulation in the lung <i>Joe “Skip” Garcia (UF Scripps, FL, USA)</i>
	15:00-15:30	The Galectin-3 Dichotomy in Macrophages: From Secreted Pro-atherogenic Mediator to Intracellular Guardian of Lysosomal Function <i>Babak Razani (Pittsburg, PA, USA)</i>
15:30-16:00	Coffee break	
16:00-17:05	Session 3 - Innate Immunity and metabolism <i>Chairs - Annabel Valledor-Fernandez and Sylvaine You</i>	
	16:00-16:20	The LXR pathway in immune regulation: novel insights from the LXR-CD38 axis <i>Annabel Valledor-Fernandez (Barcelona, Spain)</i>
	16:20-16:35	Immune stimulation can change the phenotype and function of hematopoietic stem cells <i>Roi Gazit (Be'er Sheva, Israel)</i>
	16:35-16:50	Neutrophils and NETs induce a pro-inflammatory and matrix-degrading phenotype in cardiac fibroblasts <i>Razvan Macarie (Bucharest, Romania)</i>
	16:50-17:05	CD5L inhibition drives metabolic and immune reprogramming of human macrophages <i>Jana Vázquez (Badalona, Spain)</i>

17:05-17:35	Plenary session 3 - Innate immune development <i>Chairs - Annabel Valledor-Fernandez and Sylvaine You</i>	
17:05-17:35	Transcriptional control of the macrophage repair program <i>Elodie Segura (Paris, France)</i>	
17:35-18:00	Flash talks (3 min each)	
18:00-20:00	<i>Guided tour to Vilnius University courtyards, the bell tower of St.John's church and the Old-town</i>	
20:00-22:00	<i>Meeting dinner (Hilton Garden Inn)</i>	
DAY 3 (Wednesday, May 13)		
9:00-10:00	Plenary Session 4 - Innate Immunity in Precision Medicine <i>Chairs - Maciej Kurpisz and Janusz Marcinkiewicz</i>	
9:00-9:30	Resolution of inflammation is impaired in the Glia-Immune Axis in Neurodegenerative diseases <i>Eicosanoid Research Foundation speaker- Valerio Chiurciu (Rome, Italy)</i>	
9:30-10:00	Innate Immune Checkpoints Revisited: Alternative Splicing, Novel Targets and the Glycan Dimension <i>Angel Porgador (Be'er Sheva, Israel)</i>	
10:00-11:25	Session 4 - Innate Immunity in the Clinic <i>Chairs - Maciej Kurpisz and Janusz Marcinkiewicz</i>	
10:00-10:20	Local cytokine network and its implication in male reproductive failure <i>Maciej Kurpisz (Poznan, Poland)</i>	
10:20-10:40	Macrophages: sentinels, guardians, soldiers, and saboteurs of the immune system <i>Janusz Marcinkiewicz (Krakow, Poland)</i>	
10:40-10:55	Dysregulated immunometabolism in SLE neutrophils is reversible with anifrolumab therapy <i>Gina Leisching (Dublin, Ireland)</i>	

	10:55-11:10	Neutrophils and monocytes research parameters as initial evaluation of innate immune response in common variable immunodeficiency (CVID) and hypogammaglobulinemia. <i>Elżbieta Rutkowska (Warsaw, Poland)</i>
	11:10-11:25	Anti FPR2-agonist antibody to drive resolution of chronic inflammation by reprogramming macrophages and suppressing neutrophils recruitment <i>Trilleaud Charlene (OSE Immunotherapeutics, France)</i>
11:25-11:55	Coffee break	
11:55-14:25	Session 5 – The Future of Innate Immunity (short talks) <i>Chairs – Angel Porgador and Valerio Chiurchiu</i>	
	11:55-12:10	Toll like receptor 9 activation contribute to Alzheimer`s disease pathology <i>Bénédicte Manoury (Paris, France)</i>
	12:10-12:25	Reframing neurodegeneration: Protein aggregation as a maladaptive antimicrobial response <i>Esther Silberberg (Jerusalem, Israel)</i>
	12:25-12:40	CRISPR-Cas9 screening in human iPSC-derived microglia identifies novel drivers of microglial health and CNS disease susceptibility <i>Larisa Janzic (Ljubljana, Slovenia)</i>
	12:40-12:55	Targeted delivery of specialized pro-resolving mediators reduces atherosclerosis and induces durable innate immune reprogramming <i>Maria Anghelache (Bucharest, Romania)</i>
	12:55-13:10	Impaired resolution of LPS-induced endothelial dysfunction: role of GPR18 receptor and systemic inflammatory response <i>Barbara Sitek (Krakow, Poland)</i>
	13:10-13:25	Neutrophil extracellular traps promote a pro-resolving macrophage phenotype characterized by inflammasome suppression and enhanced phagocytosis <i>Miruna Larisa Naie (Bucharest, Romania)</i>
	13:25-13:40	Can computational flow cytometry reveal specific immune resolution signatures during the resolution of intestinal inflammation? <i>Javier Conde Aranda (Santiago de Compostela, Spain)</i>

	13:40-13:55	Tumor antigen presentation defects: Impact on immunotherapy response and strategies for pharmacologic modulation in preclinical models <i>Karolina Suveizdė (Vilnius, Lithuania)</i>
	13:55-14:10	Fibronectin-targeted nanoparticles mediate accumulation of HSP90 inhibitors in the fibrotic heart with possible neutrophil contribution <i>Geanina Voicu (Bucharest, Romania)</i>
	14:10-14:25	An image is worth a thousand words: Machine learning-assisted quantification of lung fibrosis <i>Shahar Levy (Haifa, Israel)</i>
	14:25- 14:40	Bioethical aspects of the development process of innate immunity <i>Serghei Sprincean (Chisinau, Moldova)</i>
14:40-16:00	<i>ySG - National coordinators lunch (Hilton Garden Inn)</i> <i>Lunch on your own for others</i>	
16:15-16:45	Joint iiSIAR-EU-RESOLVE presentation PROS1-TAM Signalling in Microglia Regulate Microglia development, Homeostasis and Sterile Inflammation <i>Tal Burstyn-Cohen (Jerusalem, Israel)</i>	
16:45-17:00	Closing remarks	
17:00	<i>Meeting departure</i>	

FLASH TALKS (3 min each)

DAY 1 (Monday, May 11)

18:00-18:45

Chairs – Aurelija Žvirblienė and Martynas Simanavičius

SYK-mediated NLRP3 inflammasome activation induced by immune complexes of virus-like particles in macrophages	<i>Kristina Mašalaitė</i>
Effects of plant derived antioxidants and PUFAs on functional recovery following spinal cord injury in zebrafish	<i>Viktorija Povilionytė</i>
miR-210 modulates human macrophage innate immune response in sterile inflammation following myocardial infarction	<i>Cristina-Andreea Mihaila</i>
Nucleolin-targeted liposomes improve tumor delivery of dexamethasone and promote selective immunomodulation	<i>Delia Boteanu</i>
Donor baseline transcriptomic state shapes dendritic cell reprogramming across ovarian tumor immune subtypes	<i>Emilija Paberalė</i>
Dietary prebiotic intervention modulates high-fat diet-associated microglial morphological alterations in aged mice	<i>Urtė Minkevičiūtė</i>
Innate Immune Responses to <i>Acinetobacter baumannii</i> : Modulation of Neutrophil Migration and NETosis	<i>Danas Ivanauskas</i>
Immune Signatures in Unexplained Infertility: A Precision Medicine Approach Using Peripheral Blood Cytometry	<i>Gabija Didžiokaitė</i>
miR-146a-5p Links Innate Immune Signaling to Mitochondrial and Metabolic Regulation in Neural Cells	<i>Greta Bertašiūtė</i>
The role of IFN β in regulating the metabolic syndrome induced by high fat diet (HFD) and modulated by the STING biased agonist BiST 2.1	<i>Heba Moadi</i>
Nonclassical Monocyte Depletion as an Indicator of Disturbed Innate Immune Response in Sarcoidosis and COVID-19	<i>Agata Raniszewska-Borys</i>
IFN- β and ACKR2 Modulate Tissue Fibrosis and Corresponding Macrophage Subsets in early CCl ₄ -Induced Liver Injury	<i>Priya Goswami</i>
Accumulation of small peritoneal macrophages and dendritic cells during tumor rejection in a concomitant tumor immunity model	<i>Milda Vanagaitė-Žičkienė</i>

DAY 2 (Tuesday, May 12)

17:35-18:00

Chairs – Aurelija Žvirblienė and Martynas Simanavičius

Flow Cytometric Comparison of Different Human Myeloid Cell Enrichment Strategies	<i>Simona Malmigé</i>
Association between the IFN- γ /IL-4 ratio in saliva and self-reported health status and factors affecting it in patients with Sjogren's disease	<i>Vilius Kontenis</i>
Characterization and application of monoclonal antibodies to human Calnexin	<i>Meda Pakėnaitė</i>
Molecular mechanisms of endometriosis: The involvement of endoplasmic reticulum aminopeptidases 1/2 (ERAP1/ERAP2) and cysteinyl aminopeptidase (LNPEP) in disease susceptibility and severity	<i>Patrycja Bochen</i>
Development and validation of sensitive immunoassays to quantify human serum C-reactive protein	<i>Ghodke Tanhaji Sandu</i>
Clinical case of Nijmegen breakage syndrome: diagnostic challenges in early infancy	<i>Nataliia Ipatii</i>
Investigation of Potential Biomarkers Predicting Acute or Chronic Progression of Inflammatory Diseases	<i>Mantė Butkevičiūtė</i>