LIST OF POSTERS

Poster Session I.
(P 1.01 to P 1.32)
26.03.2025. 19h – 20:45h. Hall

Flash Talk 01 (P 1.01)
Kabankova, Nastassia.
Universitätsklinikum Essen, Klinik für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-Chirurgie, Essen, Germany
Type I Interferon Signaling: A Key Regulator of Neutrophil Fate and Anti-Tumor Immunity

Flash Talk 02 (P 1.02)
Vicanolo, Tommaso
CNIC, Madrid, Spain
Neutrophils control circadian thermogenesis in the Brown Adipose Tissue

P 1.03
Freiin Grote, Vivica
Research Laboratory for Biomechanics and Implant Technology, Department of Orthopaedics, Rostock University Medical Center, Rostock, Germany
Analysis of macrophage polarization by devitalized tumor cells

P 1.04
Göcer, Merve
Institute of Infection Prevention and Hospital Hygiene (IIK) Freiburg, Germany; Center for Chronic Immunodeficiency (CCI), Medical Center, University of Freiburg, Germany; Institute for Immunodeficiency, Freiburg, Germany, TR359 PILOT, Freiburg, German
Tissue-specific macrophage programs in mycobacterial infection

P 1.05
Hochstadt, Jan.
Cancer Immunity Laboratory, Molecular Oncology Programme, Spanish National Cancer Research Center (CNIO), Madrid, Spain
Tracking immune clonality in metastasis

P 1.06
Chevre, Raphael
ZMBE, Muenster, Germany
Terminal neutrophil maturation occurs in pulmonary and enterohepatic vasculatures

P 1.07
Deniz-Eyre, Nauzet
CNIO, Madrid, Spain
Exploring the role of Kupffer Cells in cancer development

LIST OF POSTERS

P 1.08
Vida, Carmen
Dpto. Biología (área Fisiología Animal), Universidad Autónoma de Madrid (UAM); Centro de Biología Molecular Severo Ochoa (CBMSO); Instituto Universitario de Biología Molecular (IUBM), UAM., Madrid, Spain
GRK2 modulates the landscape of early myeloid infiltrates in the white adipose tissue of mice fed a short term Western Diet

P 1.09
Borsi, Eszter
Institute of Physiology, Semmelweis University, Budapest, Hungary
Investigation of CRISPR editing in neutrophil progenitor cells

P 1.10
Markó, Dorottya
Department of Physiology, Semmelweis University, Budapest, Hungary
Analyzing orally administered tyrosine kinase inhibitor sensitivity in difference leukocyte populations

P 1.11
Shoesmith, Romey
Aberdeen Fungal Group, University of Aberdeen, Aberdeen, United Kingdom
The C-type lectin receptor, MelLec, exacerbates the pathogenesis of Aspergillus fumigatus-Induced Allergic Inflammation in Mice

P 1.12
Shimeld, Ben
University of Edinburgh, Edinburgh, United Kingdom
Understanding the metabolic regulation of neutrophils in response to infection

P 1.13
Torres-Mayo, Alba
IATA-CSIC, Valencia, Spain
How gut microbes intercept inflammation associated with obesity development in mice

P 1.14
Lopez Garces, Sandra
UCL, London, United Kingdom***Understanding monocyte derived macrophages in the skin of SSc patients through single cell analysis of blister fluid immune cell populations***

LIST OF POSTERS

P 1.15
Evans, Iwan
University of Sheffield, Sheffield, United Kingdom
Expansion of Drosophila macrophage populations affects larval immune function, but does not modulate adult lifespan or survival from infection

P 1.16
Oliva Herrero, Aurea
Centro de Biología Molecular Severo Ochoa, Madrid, Spain
Orchestrating Macrophage Differentiation through Mitochondrial NAD+ Levels

Flash Talk 03 (P 1.17)
Yáñez, Alberto
Universitat de València, Valencia, Spain
GM-CSF signaling strength determines opposing innate memory phenotypes at different stages of myelopoiesis

Flash Talk 09(P 1.18)
Lozano-Gil, Juan Manuel
University of Murcia, Murcia, Spain
Ninjurins Promote Hematopoietic Stem Cell Expansion via Canonical WNT Signaling Independently of Plasma Membrane Rupture

P 1.19
Gold, Christoph
Medizinische Klinik und Poliklinik I University Hospital Ludwig-Maximilian University, Munich, Germany
Catecholamines promote pathogen containment and tissue integrity through neutrophil beta-adrenoreceptor signaling in bacterial sepsis

P 1.20
Foti, Alessandro
Max Planck Institute, Berlin, Germany
Tyrosine-halogenation converts a-defensins into potent chemokines

P 1.21
Nogales-Pons, Maria
Centro Nacional de Investigaciones Oncológicas (CNIO), Madrid, Spain
Rhythmic glucose metabolism controls tumor growth in lung cancer

P 1.22
Pérez Escudero, Natalia
Universidad de Murcia, Murcia, Spain
Lpin-2 deficiency enhances inflammation and impairs immune cell recruitment in a zebrafish model of Majeed Syndrome

LIST OF POSTERS

P 1.23
De Matteis, Roberta
Queen Mary University of London, London, United Kingdom
RvD5n-3 DPA mediates the vagal regulation of monopoiesis and macrophage function in inflammatory arthritis

P 1.24
Marcos Zapatero, Guillermo
Universidad Autónoma de Madrid, Madrid, Spain
Investigating neutrophil-endothelial crosstalk in autophagy regulation during Inflammation

P 1.25
Benaroch, Philippe
Institut Curie, Paris, France
Constitutive fluid uptake in macrophages is coupled with limited permissiveness to productive viral infection

P 1.26
Hageb, Ali
Institute of Experimental Pathology, ZMBE, Münster, Germany, Münster, Germany
Organ-specific progenitors generate differential granulopoiesis responses under homeostasis and stress

P 1.27
Vámosi, Boldizsár
Semmelweis University, Budapest, Hungary
Developing Next-Generation LTB4 Biosensors with a High-Throughput Molecular Pipeline

P 1.28
Wulfert, Franziska
Ruhr-University Bochum, Bochum, Germany
Rapid Trafficking of Catecholamines Modulates Neutrophil Functions and Interactions with Platelets

P 1.29
Jex, Emiliána
Department of Physiology, Semmelweis University, Budapest, Hungary
Respiratory burst, degranulation and in vitro migration of neutrophil-like cells differentiated from CRISPR/Cas9-modified conditionally immortalized myeloid progenitors

P 1.30
Muir, Clare
University of Edinburgh, Edinburgh, United Kingdom
Distinct neutrophil phagosome maturation pathway identified by pulses of class 1 PI3kinase activity

LIST OF POSTERS

P 1.31
Codolo, Gaia
Department of Biology, University of Padova, Padova, Italy
CD300e Shapes the Functional Profile of Macrophages to Drive an Immunosuppressive Tumor Microenvironment in Colorectal Cancer

P 1.32
Dobrijevic, Anja
Medical University of Vienna, Vienna, Austria
The Role of the Scavenger Receptor MARCO in Hepatic Fibrosis and Non-alcoholic Steatohepatitis

Poster Session II.
(P 2.01 to P 2.32)
27.03.2025. 11:45h – 14:15h.
Hall

Flash Talk 04 (P 2.01)
Hofmann, Julian
Turku Bioscience Centre, University of Turku, Turku, Finland
Perinatal Neutrophils: Phenotype, Dynamics, and Function of Early-Life Neutrophilic Granulocytes

P 2.02
Albiez, Jasmin
Swiss Tropical and Public Health Institute, Allschwil, Switzerland
Dissecting heterogeneity of human macrophage response to Mycobacterium tuberculosis infection at single cell level

Flash Talk 06 (P 2.03)
Pellon, Aize
CIC bioGUNE, Derio, Spain
The complement system molecule C3 regulates macrophage responses to the microbiota

P 2.04
Albuquerque-Souza, Emmanuel
Queen Mary University of London, London, United Kingdom
Specialized Pro-Resolving Lipid Mediators and Gut-Resident Macrophages Drive Sex-Compartment Specificity in Ulcerative Colitis

P 2.05
Calvet Lacruz, Anna
Hospital de la Santa Creu i Sant Pau, Immunology Departmentt, Barcelona, Spain
Novel WASp mutation in a family with X-linked neutropenia

LIST OF POSTERS

P 2.06
Santos-Clemente, Rocío
Departamento de Biología Molecular, Instituto Universitario de Biología Molecular IUBM-UAM and Centro de Biología Molecular Severo Ochoa (UAM-CSIC), Madrid, Spain
Exploring the molecular mechanisms underlying the role of GRK2 in macrophage activation

P 2.07
Meregalli, Greta
Department of Biomedical Sciences, Humanitas University, Via Rita Levi Montalcini 4, 20090 Pieve Emanuele – Milan, Italy., Rozzano, Italy
Lipid-loaded macrophages promote resistance to immunotherapy in melanoma

P 2.08
Cáceres Gallardo, David
Spanish National Cancer Research Center (CNIO), Madrid, Spain
Harnessing Circadian Biology for Precision Cancer Chronotherapy: A Computational Framework for Optimizing Treatment Timing

P 2.09
Araujo-Aris, Sarai
CIC bioGUNE - Centro de Investigación Cooperativa en Biociencias, Derio, Spain
Irf4-mediated regulation of long-term macrophage responses to the Lyme spirochete

P 2.10
Martínez-Pacheco, Sarai
Cancer Immunity Laboratory, Molecular Oncology Programme, Spanish National Cancer Research Center (CNIO), Madrid, Spain
Immune evasive mechanisms driven by CHIP in high-grade serous ovarian cancer

P 2.11
Munárriz Paños, Mariola
CNIO, Madrid, Spain
TREM1 neutrophils drive multi-organ metastasis

P 2.12
Klegeris, Andis
The University of British Columbia Okanagan, Kelowna, Canada
Astrocytes, the Brain's Main Support Cells, Act as Non-Professional Phagocytes: Regulation of this Function by Endogenous Mediators of the Central Nervous System

LIST OF POSTERS

P 2.13
Pulgar, Rodrigo
Universidad de Chile, Santiago, Chile
Genome-Wide Prediction of the Atlantic Salmon Kinome and Phosphoproteomic Response of Phagocytes to Piscirickettsia salmonis Infection

P 2.14
Cuesta Valero, Yara
Centro de Biología Molecular Severo Ochoa, Madrid, Spain
SIRT3 as a Key Modulator of cGAS-STING Pathway Activation and Type I Interferon Responses

P 2.15
Pavliuk, Olha
Uppsala University, Uppsala, Sweden
The Dynamics of Circulating Subpopulations of Neutrophils and NK cells Across the Menstrual Cycle

P 2.16
Speirs, Zoë
University of Sheffield, Sheffield, United Kingdom
Modulating macrophage phenotypes in a zebrafish infection model

P 2.17
Sierra, Amanda.
Achucarro Basque Center for Neuroscience, Leioa, Spain
Metabolic and transcriptional adaptations to apoptotic cell engulfment and degradation sustain long-term phagocytosis efficiency in microglia

P 2.18
Moya-Ruiz, Elena
Centro Nacional de Investigaciones Cardiovasculares (CNIC), Madrid, Spain
Mitochondrial transcription factor A (Tfam) deficiency in resident macrophages increases susceptibility to anthracycline induced cardiotoxicity

P 2.19
Garvín Jiménez, Eduardo
Cancer Immunity Laboratory, Molecular Oncology Program. Centro Nacional de Investigaciones Oncológicas, CNIO., Madrid, Spain
Alveolar macrophages control fibroblast into CAF fate in Non-Small Cell Lung Cancer (NSCLC)

LIST OF POSTERS

P 2.20
Napoli, Matteo
Institute of Cardiovascular Physiology and Pathophysiology, Biomedical Center, Munich, Germany
The dual non-competitive allosteric CXCR1/2 inhibitor Ladarixin impairs neutrophil extravasation without affecting intravascular neutrophil adhesion

P 2.21
Van Der Pan, Kyra
LUMC, Leiden, Netherlands
A proteomic atlas of the human monocytic compartment

P 2.22
Koenis, Duco
Queen Mary University of London, London, United Kingdom
Pro-resolving functions of MCTR3 are mediated by the G protein-coupled receptor GPR173

P 2.23
Vikár, Simon
Department of Physiology, Semmelweis University, Budapest, Hungary
Eculizumab inhibits granulocyte chemotaxis in a novel human ex vivo migration model of bullous pemphigoid.

Flash Talk 05 (P 2.24)
Hoijman, Esteban
Molecular Biology Institute of Barcelona, Spanish Research Council, Barcelona, Spain
Epithelial phagocytosis as a self-defense mechanism of the early embryo

P 2.25
Girbl, Tamara
University of Wuerzburg, Wuerzburg, Germany
Investigating a role for platelets in post-luminal phase of neutrophil migration across blood vessel walls during inflammation

P 2.26
Rey-Barroso, Javier
IPBS (CNRS), Toulouse, France
Compression Force Microscopy: a simple method to evaluate phagocytic forces

P 2.27
Moncada, Diego
Emory University, Atlanta, United States
Inhibitors of chromatin-modulating enzymes HDAC11 and EZH2 normalize bacterial killing by cystic fibrosis airway neutrophils without affecting their transcriptome

LIST OF POSTERS

P 2.28
Mugica, Maitane
NEIKER-BRTA, Derio, Spain
The role of neutrophils in paratuberculosis disease and vaccination: evidence of activation and trained immunity

P 2.29
Farjia, Merieme
Institute of Experimental Pathology, Münster, Germany
Neutrophils promote remote organ damage after local ischemia

P 2.30
Fardol, Dicken
INSERM UMRS1166, Paris, France
Endotoxin-tolerant Kupffer cells prevent liver damage in ulcerative colitis

P 2.31
Kip, Annemarie
Citryll BV, Oss, Netherlands
Targeting neutrophil extracellular traps (NETs) with anti-citrullinated histone antibody CIT-013 enhances NET phagocytosis by macrophages and induces an anti-inflammatory macrophage cytokine profile

P 2.32
Burgess, Thomas
University of Sheffield, Sheffield, United Kingdom
Candida albicans suppression of neutrophil reactive nitrogen species is rescued by host Hif-1a in vivo

Poster Session III.
(P 3.01 to P 3.32)
27.03.2025. 17:30h–18:45h.
Hall

Flash Talk 07 (P 3.01)
Kourtzelis, Ioannis
Hull York Medical School, York Biomedical Research Institute, University of York, York, United Kingdom
The endogenous immune regulator Developmental Endothelial Locus 1 (DEL-1) promotes a macrophage-mediated immunoprotective phenotype against intraphagosomal pathogens.

Flash Talk 08 (P 3.02)
Caffarel, Maria.
Biogipuzkoa Health Research Institute, Donostia / San Sebastian, Spain
Oncostatin M cytokine signalling orchestrates myeloid cell remodelling and recruitment within the breast tumour microenvironment

LIST OF POSTERS

P 3.03
Koncz, Petra
Semmelweis University, Department of Physiology, Budapest, Hungary
The effect of neutrophil-specific deletion of PLCγ2 in experimental autoimmune skin blistering

P 3.04
Bremer, Anna-Sophie
University Hospital Bonn, Bonn, Germany
Neutrophils and Neutrophil-Extracellular-Traps in experimental neonatal hypoxic-ischemic-encephalopathy

P 3.05
De La Rosa Del Val, Clara
Institute of Clinical Neuroimmunology, University Hospital LMU, Munich, Germany
Novel method to investigate macrophage regulation using in vivo CRISPR screens

P 3.06
Havasi, Márk
Semmelweis University, Department of Physiology, Budapest, Hungary
Characterisation of the in vivo function of neutrophils derived from CRISPR-edited myeloid progenitors

P 3.07
Feldmann, Lea
Institut Pasteur, Paris, France.
Dissecting CAR-mediated phagocytosis by macrophages

P 3.08
Gonzalez-Granado, Jose M
LamImSys Lab, Instituto de Investigación Sanitaria Hospital 12 de Octubre (Imas12)/Department of Immunology, Ophthalmology and ENT, School of Medicine, Universidad Complutense de Madrid (UCM), Madrid, Spain
Influence of Lamin A/C Levels in Neutrophils Derived from Mouse Bone Marrow and Blood

P 3.09
Menendez, Alfredo
University of Sherbrooke, Sherbrooke, Canada
Suppressor of cytokine signaling-1 (Socs-1) function in macrophages and neutrophils is essential for the control of intestinal homeostasis

P 3.10
Monera-Girona, Antonio
Instituto de Investigación Biosanitaria Pascual Parrilla, Murcia, Spain
Plasmalogens as Key Regulators of Phagocyte Survival and Systemic Inflammation: Insights from Zebrafish Models

LIST OF POSTERS

P 3.11
Sánchez Abad, Inés
Servicio de Inmunología, FIB Hospital Universitario La Princesa, Madrid, Spain
PSGL-1/P-selectin interaction may contribute to monocyte reprogramming and immune tolerance induction

P 3.12
Díez, Paula
Leiden University Medical Center (LUMC), Leiden, Netherlands
Quantitative proteomics of small numbers of phagocytes: Selection of the optimal method for a clinical setting

P 3.13
Khurana, Ginni
Antimicrobial Defence lab, Francis Crick Institute, London, United Kingdom
Unveiling the Dynamics of Neutrophil Responses: Insights into Functional Specialization

P 3.14
Rosales, Carlos
Universidad Nacional Autónoma de México, Mexico City, Mexico
Impaired microbicidal function of neutrophils from individuals with obesity

P 3.15
Vrabcova, Petra
Motol University Hospital, Prague, Czech Republic
Neutrophil-like Cells (NLCs) Model: A Key to Understanding the STAT1 GOF Mutation

P 3.16
Santos-Fernandez, Eneko
CICbioGUNE, Derio, Spain
Microbiota Shapes Macrophage Responses during Lyme Borreliosis: A Tale of Two Mouse Strains

P 3.17
Gorur, Vishaka
William Harvey Research Institute, London, United Kingdom
Targeting the root of activated neutrophils: Stem cell imprinting and Specialised pro-resolving mediators in Sickle cell disease

P 3.18
Álvarez Rodríguez, Lara
Centro de Biología Molecular Severo Ochoa, Madrid, Spain
Study of the interaction of tumor exosomes with neutrophils. Implication in the induction of NETosis.

P 3.19
Laviron, Marie
IRC-VIB-UGent, Gent, Belgium
Elucidating macrophage reprogramming during liver metastasis

LIST OF POSTERS

P 3.20
Luque-Martín, Laura
CIB-CSIC, Madrid, Spain
Identifying novel regulators of trogocytosis of circulating tumor cells by Patrolling monocytes during early lung metastasis.

P 3.21
Murthy, Sripriya
University of Lübeck, Lübeck, Germany
Role of neutrophil extracellular traps in pemphigoid diseases

P 3.22
Malamud Guillan, Mariano
MRC Centre for Medical Mycology, University of Exeter, Exeter, United Kingdom
Metabolic role of a novel C-type lectin receptor

P 3.23
Uribe-Querol, Eileen
Universidad Nacional Autónoma de México, Mexico City, Mexico
Periodontal ligament tissues support neutrophil differentiation and maturation processes

P 3.24
Pastorek, Michal
Institute of Molecular Biomedicine, Faculty of medicine, Comenius University in Bratislava, Bratislava, Slovakia
Balancing NETs Formation in Sepsis: The Role of Mitochondrial-Derived DAMPs and Time

P 3.25
Bertovič, Patrik
Faculty of Medicine Comenius University, Bratislava, Slovakia
Regulation of NETs formation during sterile inflammation: Synergy of Mitochondrial DNA and Formylated Peptides

P 3.26
Bečka, Emil
Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia
Formyl Peptide Receptor 1 as a Key Player in Neutrophil Extracellular Traps Inducer-dependent LL-37 concentration in neutrophil extracellular traps: implications for stability and inflammation
Formation During Sterile Inflammation

LIST OF POSTERS

P 3.27

Balogh, Lili

Department of Physiology, Semmelweis University, Budapest, Hungary / MTA-SE "Lendület" Translational Rheumatology Research Group, Hungarian Academy of Sciences and Semmelweis University, Budapest, Hungary, Budapest, Hungary

The role of an antifungal Pattern Recognition Receptor in neutrophil-mediated inflammation

P 3.28

Káposztás, Eszter

Department of Physiology, Semmelweis University, Budapest, Hungary / MTA-SE "Lendület" Translational Rheumatology Research Group, Hungarian Academy of Sciences and Semmelweis University, Budapest, Hungary, Budapest, Hungary

The effect of a Syk-selective inhibitor in immune complex-mediated inflammation

P 3.29

Hudecová, Letícia

Institute of Molecular Biomedicine, Faculty of Medicine, Comenius University, Bratislava, Slovakia

Inducer-dependent LL-37 concentration in neutrophil extracellular traps: implications for stability and inflammation

P 3.30

Ye, Qiaoling

Innate Immunity Group, Germans Trias i Pujol Health Sciences Research Institute (IGTP)/Departament de Física, Escola d'Enginyeria Agroalimentària i de Biosistemes de Barcelona, Universitat Politècnica de Catalunya, Badalona, Spain

New mathematical approach for the characterization and analysis of macrophage populations in cancer

P 3.31

Cabrerizo, Gonzalo

Institute for Research in Retroviruses and AIDS (INBIRS), Buenos Aires, Argentina

Prostaglandin E2 Reprograms Human Macrophages Towards a Pro-Resolving Profile

LIST OF POSTERS

P 3.32
Challagundla, Naveen
Chair of Microbiology, Biozentrum, Julius-Maximilians-University Würzburg, Würzburg, Germany
Chlamydia trachomatis prolongs neutrophil survival to modulate immune response and spread in the host

Poster Session IV.
(P 4.01 to P 4.32)
28.03.2025. 12:00h – 14:30h.
Hall

Flash Talk 10 (P 4.01)
Gil, María Luisa
Universitat De València, Valencia, Spain
Candida albicans-stimulated hematopoietic stem and progenitor cells generate trained neutrophils with enhanced mitochondrial ROS production that protect against infection

Flash Talk 11 (P 4.02)
Richter, Mathis
University of Münster - Institute of experimental pathology, Münster, Germany
Neutrophil progenitor mobilization is a distinct feature of STEMI pathology and predicts survival

Flash Talk 12 (P 4.03)
De Prado-Rivas, Lucía
Centro Nacional de Investigaciones Oncológicas, Madrid, Spain
Cholesterol surplus triggers an atheroprotective catabolic program via Rag GTPase - mTORC1 axis in macrophages

P 4.04
Guijarro, Adriana
Molecular Inflammation Group, University Clinical Hospital Virgen de la Arrixaca, Biomedical Research Institute of Murcia (IMIB-Pascual Parrilla), Murcia, Spain
Clostridium difficile toxin B induces plasma membrane permeabilization and cell death by pyroptosis in bone marrow-derived macrophages in a ninjurin-1-dependent process.

LIST OF POSTERS

P 4.05
Papp, Zsuzsanna
Semmelweis University, Department of Physiology, Budapest, Hungary
Investigating the role of β2-integrins in in vitro and in vivo inflammatory reactions

P 4.06
Cantón Sandoval, Joaquín
Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, New York, United States
Unraveling neutrophil dynamics in response to injury using zebrafish models of systemic chronic inflammation

P 4.07
Dionisio, Flavio
Department of Medicine I, LMU Hospital Munich, Munich, Germany
Differential role of PKM2 in arterial macrophages in atherosclerosis

P 4.09
Panczel, Aron
University, Department of Physiology, Budapest, Hungary
Genetic editing of HoxB8 cells to study neutrophil functions in vivo

P 4.10
Garra, Sabino
University of Bari Aldo Moro, Bari, Italy
Selective blockade of two aquaporin water channels, AQP3 and AQP9, impair human WBC migration

P 4.11
Ramanathan, Sheela
Université de Sherbrooke, Sherbrooke, Canada
Interleukin-15 in Liver Fibrosis

P 4.12
Neumann, Mareike
University of Lübeck, Lübeck, Germany
Aryl hydrocarbon receptor-signaling alters metabolic functions in eosinophils, a key player in inflammatory skin diseases

P 4.13
Rios, Israel
Centro de Investigaciones Biológicas Margarita Salas, Madrid, Spain
Re-programming of GM-CSF-dependent alveolar macrophages through GSK3 activity modulation

P 4.14
Lesinszki, Lukács Sándor
Semmelweis University, Institute of Physiology, Budapest, Hungary
Myeloid SRC-FAMILY kinases and their role in various forms of kidney inflammation

LIST OF POSTERS

P 4.15
Futosi, Krisztina
Semmelweis University, Budapest, Hungary
The effect of Syk inhibition on inflammatory processes induced by monosodium urate crystals

P 4.16
Al-Sheraji, Nada Mohamed
Semmelweis University, Budapest, Hungary
A Genetically Encoded Fluorescent Biosensor to Investigate fMLF Release in Tissue-Damage Responses

P 4.17
Szalay, Tamás Soma
Department of Physiology, Semmelweis University School of Medicine, Budapest, Hungary
Inhibition of complement activation abolishes dermo-epidermal separation in human ex vivo model of bullous pemphigoid

P 4.18
Tyrkalska, Sylwia Dominika
Instituto Murciano de Investigación Biosanitaria (IMIB) Pascual Parrilla, 30120 Murcia, Spain
The RNA Component of Telomerase Orchestrates Inflammation Resolution and Bacterial Clearance by Macrophages via Regulation of the Nlrp3 Inflammasome

P 4.19
Widera, Lars
Department of Immunodynamics, Institute of Experimental Immunology and Imaging, University Hospital Essen, Essen, Germany
TGFβ-1-Thrombospondin-1 axis regulates neutrophil infiltration into the urothelium during urinary tract infection

P 4.20
Prados, Belén
Universidad Complutense de Madrid, Madrid, Spain
Alveolar phospholipids suppress proinflammatory responses in alveolar macrophages by activating PPAR-γ and RXR

P 4.21
Nieto-Valle, Alicia
Instituto de Investigación Sanitaria Gregorio Marañón (IISGM), Madrid, Spain
Inflammatory tumor-associated macrophages correlate with poor prognosis in human melanoma

LIST OF POSTERS

P 4.22
González Del Barrio, Lydia
Novo Nordisk, Copenhagen, Denmark
Elucidating the macrophage populations in chronic liver fibrosis and fibrosis regression

P 4.24
Maggiore, Sara
Laboratory of Myeloid Cell Biology in Tissue Damage and Inflammation, VIB-UGent Center for Inflammation Research, Ghent 9052, Belgium and Signal Transduction and Metabolism Laboratory, Université libre de Bruxelles, Brussels, Belgium, Gent, Belgium
Single nuclei RNA sequencing analysis of liver macrophage populations in obesity-associated hepatocellular carcinoma progression in mouse and human

P 4.25
Sellin, Marie-Luise
Rostock University Medical Centre, Rostock, Germany
Influence of particle-induced ER stress on the transcriptional regulation and activation of the NLRP3 inflammasome in human osteoblasts

P 4.26
Parackova, Zuzana
Department of Immunology, Faculty Hospital in Motol, Prague, Czech Republic
The Effect of Metformin on Type I Interferon Signaling in Dendritic Cells

P 4.27
Ramos Manzano, Alejandra Isabel
Hospital Universitario La Princesa, Madrid, Spain
Deregulation of PSGL-1, ADAM8 and IFNa expression in peripheral innate immune cells of primary Sjögren Syndrome patients

P 4.28
Aranda Pardos, Irene
Institute of Immunology. University of Münster, Münster, Germany
The role of the scavenger receptor MARCO in organ-specific efferocytosis

P 4.29
Gričar, Eva
Institute of Immunology, University of Münster, Münster, Germany
Neutrophil-macrophage crosstalk in homeostasis and inflammation

LIST OF POSTERS

P 4.30
Görög, Daniella
Department of Physiology, Semmelweis University, Budapest, Hungary
Phagocytosis, 2D migration and spreading activity of neutrophil-like cells derived from conditionally immortalized HoxB8-transduced myeloid progenitors

P 4.31
Bíla, Karolína
Faculty of Medicine Comenius University, Bratislava, Slovakia.
NETs formation is attenuated by acute, but enhanced by chronic azithromycin treatment

P 4.32
Diana, Elisabetta
Humanitas University, Rozzano, Italy
Exploring Mechanisms of Immunotherapy Resistance in Ovarian Cancer