

## › 2<sup>nd</sup> Inflammation & Imaging Symposium

List of posters



## ➤ 2<sup>nd</sup> Inflammation & Imaging Symposium – List of poster abstracts

- 1) Poster session (**odd numbers**): Tuesday, 12 September from 1pm to 2pm
- 2) Poster session (**even numbers**): Tuesday, 12 September from 3 pm to 4 pm

You will find the poster boards in the 1<sup>st</sup> and 2<sup>nd</sup> floor!

#	Name, Institute, Abstract title
1	<b>Judith Austermann</b> , Institute of Immunology, WWU <i>Specific secretion of alarmins S100A8/A9 via gasdermin-D pores exacerbates autoinflammation in familial mediterranean fever</i>
2	<b>Ihab Azzam</b> , Institute of Immunology, WWU <i>TLR4-mediated core histone degradation drives immune tolerance in human monocytes</i>
3	<b>Nadine Bauer</b> , European Institute for Molecular Imaging, WWU <i>Light microscopic graded oxygen-sensing using novel genetically encoded dual fluorophore reporters</i>
4	<b>Daniel Beckmann</b> , Institute for Geoinformatics, WWU <i>Challenges of applying machine learning to high-dimensional medical image data</i>
5	<b>Philipp Berger</b> , Institute of Immunology, WWU <i>FMF monocytes and macrophages show different behavior in functional key features</i>
6	<b>Stefanie Bobe</b> , European Institute for Molecular Imaging, WWU and Gerhard-Domagk-Institute of Pathology, UKM <i>Volumetric imaging reveals VEGF-C-dependent formation of hepatic lymph vessels in mice</i>
7	<b>Hui-Fen Chen</b> , Clinic of Radiology, UKM and Translational Research Imaging Center, WWU <i>Generation of a mouse-specific hemodynamic response function (HRF) to analyze sex differences in cerebral processing of mechanosensation in mice using BOLD fMRI</i>
8	<b>Juela Cufe</b> , Department of Nuclear Medicine, UKM <i>Investigation of dispersion effects in extracorporeal arterial input function measurements for small animal PET</i>
9	<b>Felix Dewies</b> , European Institute for Molecular Imaging, WWU <i>Development of novel radiotracers for molecular imaging of inflammatory processes targeting alarmin S100A9</i>
10	<b>Klaus Dreisewerd</b> , Institute of Hygiene, WWU <i>MALDI-2 Mass Spectrometry: A chemical microscope for label-free imaging of tissue sections and cell cultures</i>
11	<b>Lea Göbel</b> , European Institute for Molecular Imaging, WWU <i>Maltodextrin based radiotracers for PET-Imaging of bacterial infections</i>
12	<b>Linda Groeneweg</b> , Institute of Immunology, WWU <i>Role of CD169+ macrophages in experimental autoimmune encephalomyelitis</i>
13	<b>Asli Havlas</b> , Department of Radiology, UKM <i>In vivo imaging of tumour associated systemic immune cell dynamics using time-lapse MRI</i>

14	<b>Annika Hilger</b> , Department of Anesthesiology, Intensive Care and Pain Medicine, UKM <i>Effects of the alarmin S100A8/A9 on the formation of platelet-neutrophil complexes during acute inflammation</i>
15	<b>Emily Hoffmann</b> , Clinic of Radiology, UKM <i>Oscillating-gradient diffusion-weighted MRI detects specific cell populations within the inflammatory tumor microenvironment</i>
16	<b>Thea Jacobs</b> , Institute for Integrative Cell Biology and Physiology, WWU Münster <i>Modulation of actomyosin-based vertex mechanics controls epithelial permeability</i>
17	<b>Ricarda Jürgens</b> , Institute of Immunology, WWU <i>Metabolic priming of monocytes during inflammation</i>
18	<b>Marina Kardell</b> , Department of Anesthesiology, Intensive Care and Pain Medicine, UKM <i>Role of Myo9b RhoGAP in integrin activity regulation and neutrophil recruitment</i>
19	<b>Alexander Kehl</b> , Institute of Hygiene, WWU <i>Scrutinizing the association of the singular STEC subtilase cytotoxin with OMVs and its consequences on host cells</i>
20	<b>Nils Kirschnick</b> , European Institute for Molecular Imaging, WWU <i>Direct specification of lymphatic endothelium from mesenchymal progenitors</i>
21	<b>Thomas Kirse</b> , Institute of Inorganic and Analytical Chemistry, WWU <i>Towards tunable Re(I) complexes</i>
22	<b>Lauritz Klünder</b> , Clinic of Radiology, UKM and Translational Research Imaging Center, WWU <i>Modelling relaxation processes for contrast-enhanced quantitative MRI</i>
23	<b>Shivadharshini Kuberasivakumaran</b> , Clinic of Radiology, UKM and Translational Research Imaging Center, WWU <i>BODIPY nanostructures as contrast agent for Multispectral Optoacoustic Tomography (MSOT)</i>
24	<b>Yvonne Kusche</b> , Institute of Dermatology, UKM <i>UVA1 radiation attenuates pro-inflammatory functions in human monocytes</i>
25	<b>Renato Margeta</b> , European Institute for Molecular Imaging, WWU <i>Syntheses and evaluation of [68Ga]Ga-salmochelin B for specific imaging of bacterial infections</i>
26	<b>Till Mertens</b> , Department of Rheumatology and Clinical Immunology, Berlin <i>MarShie - a novel tissue clearing pipeline to comprehensively reveal myeloid-vasculature interactions throughout the murine bone marrow</i>
27	<b>Esther Redder</b> , European Institute for Molecular Imaging, WWU <i>Differential peritoneal and intestinal drainage through functionally separate mesenteric lymphatic vessels</i>
28	<b>Maximilian Rembrink</b> , Institute of Immunology, WWU <i>The role of the interferon regulatory factor 8 and the alarmins S100A8/A9 in sepsis</i>
29	<b>Mathis Richter</b> , Institute of Experimental Pathology, ZMBE, UKM <i>The neutrophil in the bone marrow habitat in steady state and stress</i>
30	<b>Mareen Schneider</b> , Institute of Immunology, WWU <i>Functional characterization of hyporeactive monocytes</i>
31	<b>Simon Steiner</b> , European Institute for Molecular Imaging, WWU <i>On the way to novel radiotracers targeting S100A9 for inflammation imaging</i>
32	<b>Cindy Pamela Ulloa Guerrero</b> , Institute of Immunology, WWU <i>Interaction of stromal MadCAM-1 cells and metallophilic macrophages</i>
33	<b>Bruna Caroline Vêras de Carvalho</b> , Institute of Immunology, WWU <i>The role of the scavenger receptor CD163 in infection and inflammation</i>

34	<p><b>Kari vom Werth</b>, Institute of Hygiene, UKM  <i>Using digital holographic microscopy to capture cellular morphological changes in response to bacterial stress</i></p>
35	<p><b>Enrica Wilken</b>, Clinic of Radiology, UKM and Translational Research Imaging Center, WWU  <i>Time-lapse MRI: single-cell tracking of patrolling immune cells</i></p>
36	<p><b>Min Xia</b>, MPI of Molecular Biomedicine, Münster  <i>Plasticity of the leukocyte transmigration route in different tissues</i></p>