

Program: Bonn Immunoscience Days

Monday, November 13, 2017

8:30 - 9:15	Registration & Mounting of posters
9:15 - 9:30	Welcome Address (Prof. Michael Hoch, Rector of the Rheinische Friedrich-Wilhelms-Universität Bonn)
9:30 - 10:00	Opening remarks (Prof. Gunther Hartmann, Prof. Waldemar Kolanus)
10:00 - 10:20	Nucleic acid immunity (Prof. Gunther Hartmann)
10:20 - 10:35	Centrosome Biology in Immune Cells (Dr. Eva Kiermaier)
10:35 - 10:55	Coffee Break
10:55 - 11:25	Regulation of cellular immunity in the tumor microenvironment (Prof. Thomas Tüting, Magdeburg)
11:25 - 11:40	A mathematical model for cancer immunotherapy: phenotypic plasticity versus genetic selection (Anna Kraut)
11:40 - 11:55	How does the combined treatment with CpG and α GC change the anti tumor immune response? (Lisa Norkus)
11:55 - 12:10	RIG-I activation sensitizes melanoma cells for low-dose irradiation through prolonged activation of the G2/M cell cycle arrest (Silke Lambing)
12:10 - 12:25	Prolonged IKK β inhibition improves ongoing CTL antitumor responses by incapacitating regulatory T cells (Christoph Heuser)
12:25 - 12:40	MAPK signaling and inflammation link melanoma phenotype switching to induction of CD73 during immunotherapy (Julia Reinhardt)
12:40 - 13:40	Lunch
13:40 - 14:25	Poster session I
14:25 - 14:55	In and out of liver immunity (Prof. Percy Knolle, Munich)
14:55 - 15:15	Rescue of T-cell function during persistent pulmonary adenoviral infection by TLR-9 activation (Prof. Natalio Garbi)
15:15 - 15:45	Inflammasome signalling in the human system (Prof. Veit Hornung, Munich)
15:45 - 16:00	Alternative Splicing: An alternative level of NLRP3 inflammasome regulation (Florian Hoß)
16:00 - 16:15	IL-1 β production by immune cells is regulated by platelets (Dr. Bernardo Franklin)
16:15 - 16:45	Coffee break/ Poster Session
16:45 - 17:15	Trained immunity: a memory for innate immunity (Prof. Mihai Netea, Nijmegen, The Netherlands)
17:15 - 17:35	Re-defining the myeloid cell compartment by single cell RNA-seq analysis (Prof. Joachim Schultze)
17:35 - 17:50	Understanding functional maturation of human monocytes - It's all about the timing (Dr. Andreas Schlitzer)
17:50 - 18:05	Revisiting the human dendritic and monocytic cell space (Patrick Günther)
	Speakers' Dinner (Godesburg)

Tuesday, November 14, 2017

9:00 - 9:30	Molecular mechanisms that regulate leukocyte diapedesis (Prof. Dietmar Vestweber, Münster)
9:30 - 9:50	Mysteries and therapeutic potential of the CCL17/CCL22-CCR4 axis in local immunity (Prof. Irmgard Förster)
9:50 - 10:10	Irf4-dependent CD103+CD11b+ dendritic cells and the intestinal microbiome regulate macrophage activation and intestinal peristalsis (Prof. Christian Kurts)
10:10 - 10:30	A cluster of excellence - How leukocytes initiate adaptive immunity (Prof. Wolfgang Kastenmüller)
10:30 - 10:45	Time and Space in Leukocyte Migration (Dr. Thomas Quast)
10:45 - 11:00	Spatial control of innate immunity by regulatory T cells (Dr. Marco Ataide)
11:00 - 11:20	Coffee break
11:20 - 11:40	Microglial ITAM/ITIM-signaling receptors for maintenance of the immune homeostasis in the brain (Prof. Harald Neumann)
11:40 - 11:55	Expression of the genome organizer Satb1 is essential for the development of TH17 cells (Maren Köhne)
11:55 - 12:10	MLL4 regulates Foxp3 induction by remotely shaping enhancer landscape in CD4+ T cells (Dr. Katarzyna Placek)
12:10 - 12:30	Atopic Dermatitis (Prof. Natalija Novak)
12:30 - 12:45	RNA aptamers recognizing murine CCL17 inhibit T cell chemotaxis and reduce contact hypersensitivity in vivo (Lorenz Fülle)
12:45 - 13:00	Functional characterization of a predicted regulatory element associated with alopecia areata (AA) (Maximilian Mattern)
13:00 - 14:00	Lunch
14:00 - 14:45	Poster session II
14:45 - 15:05	Immunological functions of cytohesin exchange factors (Prof. Waldemar Kolanus)
15:05 - 15:25	The immunomodulatory role of endocytic receptors (Prof. Sven Burgdorf)
15:25 - 15:45	Towards Tumour Vaccination with Aptamers (Prof. Günter Mayer & Prof. Jürgen Bajorath)
15:45 - 16:00	Nanobodies as versatile tools to investigate the cell biology of the innate immune system (Dr. Florian Schmidt)
16:00 - 16:30	Coffee break/ Poster session
16:30 - 17:00	Metabolic Reprogramming in Inflammation and Innate Immunity (Prof. Luke O'Neill, Dublin, Ireland)
17:00 - 17:20	Innate Immune Memory Response to Western Diet (Prof. Eicke Latz)
17:20 - 17:40	Molecular characterization of pathways involved in function and differentiation of human dendritic cells (Prof. Peter Brossart)
17:40 - 18:00	For DNA it's OK to put cuts and bruises on display (Prof. Winfried Barchet)
18:00 - 18:15	Is Neurodegenerative Disease a Kind of Cancer? (Dr. Elvira Mass)
18:15 - 18:30	Awards & Closing remarks (Prof. Gunther Hartmann, Prof. Waldemar Kolanus)
19:30 - open end	Conference Party ("Plan B" Theaterstr. 22, 53111 Bonn)