

# 1. Day - Saturday, 6 April 2019

<b>Poster Session 1</b>	<b>Autoimmunity from bench to bedside I</b>
19:30, Room: Foyer A1	Chairs: tbc
<b>Yukihiko Saeki</b>	Crosstalk between tumor necrosis factor-alpha signaling and aryl hydrocarbon receptor signaling in nuclear factor-kappa B activation: A possible underlying molecular mechanism for reducing the efficacy of TNF-inhibitors by smoking in rheumatoid arthritis
<b>Youwei Lin</b>	Harnessing autoimmunity with superior dominant peptide as inverse vaccination via manipulating antigen-specific hybrid Tregs that restrict the disease-related antigens and promote tissue repair capacity
<b>Helena Enocsson</b>	Is Galectin-9 a relevant surrogate biomarker for IFN $\alpha$ in systemic lupus erythematosus (SLE)?
<b>Nicole Yager</b>	In-depth mapping of the immune landscape in psoriatic arthritis blood and synovial fluid using mass cytometry
<b>Marie-Charlotte Brügger</b>	Subcutaneous white adipose tissue: towards a new immunological compartment?
<b>Poster Session 2</b>	<b>Epithelial cells</b>
19:30, Room: Foyer A1	Chairs: tbc
<b>Ning Duan</b>	Caspase-12 silencing attenuates inhibitory effects of cigarette smoke extract on NOD1 signaling and hBDs expression in the immortalized human oral mucosal epithelial cell line
<b>Hung-Wei Cheng</b>	Origin and differentiation trajectories of fibroblastic reticular cells in the splenic white pulp
<b>Juan Miguel Guerrero González</b>	The effect of cigarette smoke exposure on the epithelial permeability to Ole e 1 allergen depends on bronchial epithelium state
<b>Nina Serwas</b>	Antigen transfer in immune homeostasis
<b>Maren B. Solhaug</b>	Increased numbers of langerhans cells in the epithelium of oral lichen planus are due to recruitment from hematopoietic precursors
<b>Zhichong Wu</b>	Identification of a stromal stem cell in pancreatic cancer with immunosuppressive and mesenchymal-to-epithelial transition potential
<b>Poster Session 3</b>	<b>Development of T and B cells</b>
19:30, Room: Foyer A1	Chairs: tbc
<b>Jinkwan Lee</b>	Hypophosphorylation of T cell receptor signaling in regulating the differentiation of peripherally derived regulatory T cells
<b>Alexandra Lainé</b>	Integrin avb8 mediated TGF-beta activation by Foxp3+ Treg cells leads to tumor progression
<b>Egle Katkeviciute</b>	Loss of PTPN2 in dendritic or T cells results in reduced tumor burden in the AOM/DSS colon tumour mouse model
<b>Jana Koch</b>	Differentially regulated translation events in T helper cell differentiation
<b>Lotus Westerhof</b>	Multifunctional cytokine production reveals functional superiority of IAV-specific memory CD4 T cells
<b>Poster Session 4</b>	<b>Microbiome</b>
19:30, Room: Foyer A1	Chairs: tbc
<b>Weronika Barcik</b>	Bacterial-derived histamine influences lung inflammatory responses
<b>Freed Ahmad</b>	Tonsillar microbiome diversity and expression in atopic and non-atopic individuals
<b>Claudia Nastasi</b>	Butyrate and propionate inhibit antigen-specific CD8+ T cell activation by suppressing IL-12 production by antigen-presenting cells
<b>Alexandra Wallimann</b>	The influence of microbial-derived metabolites on bone health
<b>Özgür Albayrak</b>	The role of Yersiniabactin Siderophore on survival of high risk clone of Klebsiella pneumoniae after phagocytosis and NETosis
<b>Matthias Reiger</b>	Human study on microbiome stability and skin homeostasis in atopic eczema patients and healthy controls under emollient application
<b>Rune Nielsen</b>	Is the airway microbiome stable?
<b>Anne Mandler</b>	Effect of commensal bacteria on MAIT cell activation and the consequence of pesticide treatment

19:30 Poster presentations of workshops 1 - 3, Room: Main Corridor

## 2. Day - Sunday, 7 April 2019

### Poster Session 5

### Autoimmunity from bench to bedside II

19:45, Room: Foyer A1

Chairs: tbc

<b>Gen Matsumae</b>	Macrophage-derived thymidine phosphorylase promotes osteoclastogenesis and bone resorption in aseptic loosening of joint arthroplasty
<b>Daria Vdovenko</b>	Hidden delivery: CD4+-derived microvesicles as a member of the inflammatory cross talk
<b>Marina Sabaté Brescó</b>	Histaminergic angioedema versus chronic spontaneous urticaria associated with angioedema: clinical data and autoimmune pattern
<b>Ainhoa Perez-Diez</b>	Prominent antibody mediated auto-immune response in idiopathic CD4 lymphopenic patients
<b>Georgia Papapavlou</b>	Effects of pregnancy hormones on CD4+ T cells activation <i>in vitro</i>
<b>Sofia Nyström</b>	Plasma protein profiles identify individuals with immune dysregulation in patients with common variable immunodeficiency
<b>Hendy Kristyanto</b>	The pathogenic roles of autoreactive B cells against citrullinated antigens in Rheumatoid Arthritis

### Poster Session 6

### Innate immune response and tumor related immune regulation

19:45, Room: Foyer A1

Chairs: tbc

<b>Jia Xin Chow</b>	Dysregulation of AIM2 inflammasome response in patients with Systemic Lupus Erythematosus
<b>Maciej Chalubinski</b>	The effect of human rhinovirus on anti-viral and inflammatory response in human vascular endothelium
<b>Natascha Roehrl</b>	GM-CSF is a potent inducer of the Treg-attracting chemokine CCL22
<b>Wenmei Wang</b>	NOD1, RIP2 and Caspase12 are potentially novel biomarkers for oral squamous cell carcinoma development and progression
<b>Maria Gluud</b>	The role of microRNA-93 in cutaneous T cell lymphoma
<b>Amy Monaco</b>	Macrophage recruitment is essential for the antitumoral effect of Salmonella
<b>Viola Puddinu</b>	Investigating immune cell recruitment in a spontaneous model of immune-excluded gastric cancer
<b>Navin Kumar Verma</b>	Extracellular K+: A key regulator of T cell functions in the tumor microenvironment

### Poster Session 7

### Regulation of immune response

19:45, Room: Foyer A1

Chairs: tbc

<b>Maria Balta</b>	Resolvin E1 upregulates the mRNA levels of BLT1 receptor in blood from healthy donors but not from periodontitis patients
<b>Sueon Kim</b>	Immune suppressive functions of myeloid cells expanded from umbilical cord blood CD34+ cells and inhibition of graft-versus-host disease in NSG mouse model
<b>Saskia Overbeek</b>	Human milk oligosaccharide 2'-fucosyllactose more efficiently modulates immunogenicity during maturation of human dendritic cells in the presence of scGOS/lcFOS prebiotics
<b>Edda Blümel</b>	Enabling the use of PE conjugated flow antibodies in the Click-iT EdU Flow Cytometry assay
<b>Johanna Raffetseder</b>	Frequency and phenotype of mucosal-associated invariant T (MAIT) cells during pregnancy
<b>Robert Lindau</b>	Decidual stromal cells induce homeostatic M2 macrophages and regulatory T cells
<b>Pia Gamradt</b>	Inhibitory checkpoint receptors PD-1 and TIM-3 control CD8+ resident memory T cells to prevent skin allergy

19:45 Poster presentations of workshops 4 - 6, Room: Main Corridor

### 3. Day - Monday, 8 April 2019

<b>Poster Session 8</b>	<b>Allergy and Asthma</b>
<i>19:30, Room: Foyer A1</i>	<i>Chairs: tbc</i>
<b>Ekaterina Gubernatorova</b>	Altering asthma-related inflammation by combined TNF and IL-6 targeting
<b>Margarida Castro</b>	GSTT1 and GSTM1 null polymorphisms in bronchial asthma
<b>Pekka Hurme</b>	Rhinovirus vs. respiratory syncytial virus induced cytokine expression at the first wheezing episode and long-term outcome
<b>Joseena Iype</b>	Immunoregulation of IL-1beta on human basophil's response
<b>Cristina Gomez-Casado</b>	Severe respiratory allergies induce oral mucosal remodelling in the absence of food allergy
<b>Johanna Huoman</b>	Sublingual immunotherapy alters salivary and systemic immune mediators in timothy allergic children
<b>Arturo Rinaldi</b>	Direct assessment of skin epithelial barrier by electrical impedance spectroscopy
<b>Soren Ulrik Sonder</b>	Potential role of CD73 and basophils in peanut anaphylaxis
<b>Poster Session 9</b>	<b>Regulatory and effector T and B cell subsets and cytokines: from bench to bedside</b>
<i>19:30, Room: Foyer A1</i>	<i>Chairs: tbc</i>
<b>Mateusz Gliwiński</b>	Marker of type 1 diabetes progression - telomeres of lymphocytes T
<b>Constantin Fesel</b>	SLE-associated lymphopenia expands large, disease-related TH clones compatibly with Treg DE-suppression
<b>Giovanni Povoleri</b>	Anti-TNF treatment delays human CD4+ T-cell activation, maturation and proliferation, but does not confer an anergic or suppressive phenotype
<b>Dorota Iwaszkiewicz-Grzes</b>	Interleukin 2 as one of the factors affecting the survival of transferred regulatory T cells
<b>Kingsley Kumashie</b>	Cytotoxic T cell response to chronic liver antigen consist of a fraction of 'potent' memory-like CXCR5+ T cells
<b>Poster Session 10</b>	<b>Transcriptomics, lncRNAs, miRNAs</b>
<i>19:30, Room: Foyer A1</i>	<i>Chairs: tbc</i>
<b>Anet Kivihall</b>	The expression and function of miR-146a/b in human bronchial epithelial cells
<b>Marcin Surmiak</b>	Molecular background of endothelial cells activation mediated by extracellular vesicles isolated from plasma of patients with granulomatosis with polyangiitis
<b>Anton Olsson</b>	Investigating the effect of miR-155 on CD14+ monocyte cell survival, phenotype and CD4+ T cell polarisation
<b>Samuele Notarbartolo</b>	An activation-induced immunoregulatory and tissue-residency program modulated by c-MAF in human TH17 cells
<b>Marcin Surmiak</b>	Molecular handprints of neutrophils activated by plasma derived extracellular vesicles from patients with granulomatosis with polyangiitis
<b>Shun Yin Sze</b>	Abnormal expression of long non-coding RNAs in systemic Lupus Erythematosus and Lupus Nephritis

19:30 **Poster presentations of workshops 7 - 12, Room: Main Corridor**