

## RETREAT CLUSTER OF EXCELLENCE „INFLAMMATION AT INTERFACES“

VITALIA SEEHOTEL, BAD SEGEBERG, JULY 17/18, 2015

### CONFERENCE LANGUAGE: ENGLISH

#### FRIDAY, JULY 17, 2015

until 09:20 h	<b>Check-in</b> , Vitalia Seehotel; <i>Coffee</i> (Atrium)
09:00 – 09:20	<b>SAB Internal Meeting</b> (Room Amrum)
09:20 – 09:30 h	<b>Welcome Address</b> <i>S. Schreiber</i> (Plenum, Room Florenz/Pisa)
	<b>Presentation/Evaluation of Cluster Laboratories</b> (Plenum)
09:30 – 10:00 h	CL-VII <b>HUMAN IMMUNOPHENOTYPING</b> ( <i>D. Kabelitz/D. Zillikens</i> )
10:00 – 10:30 h	CL-VIII <b>NUCLEOTIDE LABORATORY</b> ( <i>P. Rosenstiel/J. Baines</i> )
10:30 – 11:00 h	CL-IX <b>THEORETICAL BIOLOGY</b> ( <i>C. Kaleta./S. Ibrahim</i> )
11:00 – 11:30 h	CL-X <b>DYNAMICS OF MOLECULAR INTERACTIONS</b> ( <i>A. Tholey/T. Gutschmann</i> )
11:30 – 12:00 h	<i>Coffee Break</i> (Atrium)
	<b>Presentation/Evaluation of Cluster Laboratories</b> (Plenum)
12:00 – 12:30 h	CL-XI <b>EPIDEMIOLOGY</b> ( <i>W. Lieb/S. Weidinger</i> )
12:30 – 13:00 h	CL-XII <b>MOUSE MODEL SYSTEMS OF INFLAMMATION</b> ( <i>J. Köhl/P. Saftig</i> )
13:00 – 13:30 h	CL-XIII <b>COMPREHENSIVE CENTER FOR INFLAMMATION MEDICINE</b> ( <i>S. Schreiber/D. Zillikens</i> )
13:30 – 14:15 h	<b>Lunch</b> (Atrium)
	<b>Presentations</b> of Ongoing Research of: First Cluster internal Call01/2013 / Input from SAB (Plenum)
14:15 – 14:30 h	A <b>PROTEASE-MEDIATED MODULATION OF INFLAMMATION-INDUCED VASCULAR PATHOLOGY IN ALZHEIMER'S DISEASE</b> ( <i>P. Saftig/M. Schwaninger, K. Müller</i> )
14:30 – 14:45 h	B <b>MOLECULAR ANALYSIS OF THE HUMAN SOLUBLE INTERLEUCIN-6 RECEPTOR IN VIVO</b> ( <i>S. Rose-John/A. Tholey</i> )
14:45 – 15:00 h	C <b>A POWER-SAVING BENCHTOP MACHINE FOR ULTRA-FAST GENETIC DATA ANALYSIS AND INTERPRETATION IF THE INFLAMMATION CLINIC</b> ( <i>A. Franke/JO. Schröder/D. Ellinghaus/M. Schimmeler/F. Jacob</i> )
15:00 – 15:15 h	D <b>THERAPEUTIC POTENTIAL OF TOSO-BLOCKING ANTIBODIES FOR THE TREATMENT OF INFLAMMATORY DISEASE</b> ( <i>S. Rose-John</i> )
15:15 – 15:30 h	O <b>PREVENTION OF FIBROSIS FOLLOWING EPITHELIAL-TOMESENCHYMAL-TRANSITION/INFLAMMASOME NLRP3 INTERACTIONS BY ACID SPHINGOMYELINASE INHIBITION AND PHOSPHATIDYLGLYCOL SUBSTITUTION IN NEONATAL ACUTE RESPIRATORY DISTRESS SYNDROME</b> ( <i>M. Krause/S. Schütze/H. Fehrenbach/A. Schromm</i> )
15:30 – 15:45 h	I <b>ANTI-INFLAMMATORY REGULATION OF IMMUNE CELLS BY MEMBRANE ACTIVE HOST DEFENSE PEPTIDES</b> ( <i>T. Gutschmann/A. Schromm/M. Leippe/C. Hübner</i> )
15:45 – 16:00 h	J <b>FROM PRIMARY GENE DEFECTS TO MOLECULAR MECHANISMS LEADING TO HYPERGAMMAGLOBULINEMIA AND THERAPY RESISTANCE OF ANTIBODY-SECRETING PLASMA CELLS IN SYSTEMIC LUPUS ERYTHEMATOUS</b> ( <i>R. Manz/J. Westermann/S. Ibrahim</i> )
16:00 – 16:30 h	<i>Coffee Break</i> (Plenum)
	<b>Presentations</b> of Ongoing Research of: First Cluster internal Call01/2013 / Input from SAB (Plenum)
16:30 – 16:45 h	K <b>GENETIC SUSCEPTIBILITY, IL-6 DEPENDENCY AND FUNCTIONAL RELEVANCE OF PRO-INFLAMMATORY GLYCOSYLATED HUMAN IGGs IN SKIN AUTOIMMUNITY TYPE XVII COLLAGEN</b> ( <i>M. Ehlers/E. Schmidt</i> )
16:45 – 17:00 h	L <b>ADAM-MEDIATED PROTEOLYSIS AND IL-6-TRANSSIGNALING IN AUTOIMMUNITY AND INFECTION</b> ( <i>A. Chalaris/B. Rabe</i> )
17:00 – 17:15 h	M <b>LYSOSOMAL DISORDERS AND BACTERIA-INDUCED INFLAMMATION</b> ( <i>U. Schaalble/D. Adam/N. Reiling</i> )
17:15 – 17:30 h	N <b>KEY PLAYERS OF THE EARLY INFLAMMATORY RESPONSE: FUNCTIONAL PLASTICITY AND EPIGENETIC PROFILING OF HUMAN GAMMA/DELTA T-CELLS AND NKT CELLS</b> ( <i>D. Kabelitz/O. Ammerpohl</i> )
17:30 – 17:45 h	H <b>THE LIVED GENOME AND CHRONIC INFLAMMATION DISEASE</b> ( <i>C. Rehmann-Sutter/C. Borck, D. Mahr</i> )

17:45 – 18:00 h	P	<b>ANALYSIS OF THE BALANCE BETWEEN HYDROMETHYLATION AND METHYLATION AS A POTENTIAL DRIVER OF CHRONICITY IN ULCERATIVE COLITIS</b> ( <i>R. Häsler/S. Schreiber</i> )
18:00 – 18:15 h	Q	<b>IDENTIFICATION OF EXOSOMAL GENETIC, EPIGENETIC AND INFLAMMATORY PROTEIN MARKERS IN SERA OF PATIENTS WITH IBD AND IBD-ASSOCIATED DISEASES</b> ( <i>A. ElSharawy/H. Kalthoff/J. Habermann/S. Nikolaus</i> )
18:15 – 18:30 h	R	<b>SYSTEMIC PROFILING OF ANTI-CYTOKINE AND ANTI-LEUCOCYTE TRAFFICKING FOR THE DETECTION OF DRUG-SPECIFIC RESPONSE SIGNATURES IN THE TREATMENT OF INFLAMMATORY DISORDERS</b> ( <i>S. Schreiber/ R. Gläser/J. Harder/ D. Kabelitz/U. Mrowietz/P. Rosenstiel/S. Weidinger</i> )
starting 19:00 h		<b>Cluster Summer Party</b> with informal discussion (Room Tessin/Provence)

## SATURDAY, JULY 18, 2015

<i>until 09:00 h</i>		<i>Breakfast, Check-out</i>
		<b>Project-Planning-Presentations of Call02/2015</b> (Plenum, Room Florenz/Pisa)
09:00 – 09:15 h	S	<b>FOXO FACTORS AS KEY REGULATORS OF EPITHELIAL HOMEOSTASIS AND THE HOST-MICROBIOME CROSSTALK</b> ( <i>T. Bosch/T. Roeder/F. Flachsbart</i> )
09:15 – 09:30 h	T	<b>VARWATCH – A CLINICAL DATABASE OF IN LIMBO GENETIC VARIANTS FROM NEXT GENERATION SEQUENCING</b> ( <i>A. Franke/M. Krawczak</i> )
09:30 – 09:45 h	W	<b>CONTROL OF INFLAMMATION BY REGULATED NECROSIS FROM HYDRA TO MAN</b> ( <i>A. Linkermann/T. Bosch/S. Schütze/D. Adam</i> )
09:45 – 10:00 h	U	<b>FATTY ACID-SENSING RECEPTORS – AN INTERFACE BETWEEN METABOLISM AND INFLAMMATION</b> ( <i>C. Sadik/M. Laudes/ M. Schwaninger/D. Schwudke</i> )
10:00 – 10:15 h	V	<b>EVALUATION OF NOVEL TOPICAL NICOTINAMID/NIACIN NUTRICEUTICALS FOR IMPROVING GUT MICROBIOTA AND LIPID METABOLISM</b> ( <i>M. Laudes/K. Schwarz/P. Rosenstiel/D. Seegert</i> )
10:15 – 10:30 h	X	<b>DEFINING DISEASE-ASSOCIATED T AND B CELL REPERTOIRES IN CHRONIC INFLAMMATORY DISEASE</b> ( <i>A. Franke/R. Ludwig/R. Manz/K. Kalles</i> )
<i>10:30 – 11:00 h</i>		<i>Coffee Break</i>
11:00 – 11:30 h		<b>General Assembly</b> for Cluster Members (Plenum)
11:00 – 12:30 h		<b>SAB Internal Meeting</b> (Room Amrum)
11:30 – 13:00 h		<b>Individual Meetings of Cluster-Labs/Time for Open Discussion</b>
	CL-VII	<b>HUMAN IMMUNOPHENOTYPING</b> (Room Sylt I+II)
	CL-VIII	<b>NUCLEOTIDE LABORATORY</b> (Room Siena)
	CL-IX	<b>THEORETICAL BIOLOGY</b> (Room Nizza, 12.OG)
	CL-X	<b>DYNAMICS OF MOLECULAR INTERACTIONS</b> (Room Tessin)
	CL-XI	<b>EPIDEMIOLOGY</b> (Room Lugano, UG)
	CL-XII	<b>MOUSE MODEL SYSTEMS OF INFLAMMATION</b> (Room Andalusien)
	CL-XIII	<b>COMPREHENSIVE CENTER FOR INFLAMMATION MEDICINE</b> (Room Seminarraum 7)
12:30 – 13:00 h		<b>SAB / ExG Meeting</b> (Room Amrum)
13:00 – 14:00 h		<i>Lunch (Restaurant)</i>
14:30 – 15:30 h		<b>Meeting of SAB / StC / Members of University Executive Boards and Medical Faculty/Medical Section of CAU/UzL</b> (Room Provence)
<i>15:30 – 16:00 h</i>		<i>Coffee break</i>
16:00 – 17:30 h		<b>StC Internal Meeting</b> (Room Provence)