



Internationales Graduiertenkolleg „Roles of Eicosanoids in Biology and Medicine“

Summer school Aigen, Sept 6–10, 2008

sponsored by DFG and



Program

Saturday, Sept. 6

19:30 Welcome reception with BBQ at Putterer Schloßl

Sunday, Sept. 7

Time	(min)		Title
8:30 – 10:05	35	Claesson, Hans-Erik	Eoxins and 15-lipoxygenase: important players in airway inflammation
	20	Andersson, Erik	Regulation of 15-lipoxygenase activity in a lymphoma cell line
	20	Wang, Xiao	The expression and possible function of 5-lipoxygenase in mantle cell lymphoma
	20	Häfner, Ann-Kathrin	5-Lipoxygenase dimerization
10:05 – 10:20		Coffee break	
10:20 – 11:20	20	Walter, Miriam	Synthesis of new H ₃ receptor ligands
	20	Thieme, Theresa	Potential Inhibitors of the microsomal prostaglandin E ₂ synthase-1
12:00		Lunch at Putterer Schloßl	

14:30 – 15:30	20	Ecker, Bettina	The TGFbeta/Smad2-pathway is involved in ODC-down regulation in colorectal cancer cells
	20	Reuter, Kerstin	SEGRA's, treatment of IBD (inflammatory bowel disease)
	20	Merline, Rosetta	Decorin and inflammation, molecular mechanism
15:30 – 16:00		Coffee break	

Project discussions

From 16:00

Student

Thieme, Theresa
Ecker, Bettina
Reuter, Kerstin
Merline, Rosetta

thesis committee

MSZ, Schneider, Geißlinger
Stein, Steinhilber, Brüne
Stein, Pfeilschifter, Jakobsson
L. Schaefer, MSZ, Radeke

18:30

Dinner at
Kirchenwirt

Monday, Sept. 8

Time	(min)		Titel
8:30 – 9:45	35	Frank, Stefan	'Peter and the Wolf': macrophages orchestrate tissue repair in metabolic syndrome.
	20	Rupp, Matthias	Principal components analysis for virtual screening
	20	Hofmann, Bettina	5-Lipoxygenase inhibitors, virtual screening
9:45 – 10:00		Coffee break	
10:00 – 11:40	20	Sandner, Jessica	Ceramide levels are up-regulated in breast cancer tissue
	20	Czech, Bozena	Apoptotic processes during stroke
	20	Allmann, Nadine	On the role of inflammatory macrophages in tissue regeneration of lesioned skin under normal and adipose conditions
	20	Förster, Ankathrin	Regulation and localisation of the neutral ceramidase in HEK 293 cells
	20	Heine, Sandra	The role of cyclic nucleotide-gated channels in nociceptive processing
12:00		Lunch at Putterer Schlössl	
13:00		Rafting, other activities	
19:00		Dinner at Kirchenwirt	

Tuesday, Sept. 9

Time	(min)		Titel
8:30 – 9:50	30	Rådmark, Olof	mPGE ₂ synthase in prostate cancer
	50	Peters-Golden, Marc	Eicosanoid balance: A critical determinant of innate immune defense
9:50 – 10:20		Coffee break	
10:20 – 12:00	20	Werno, Christian	The influence of hypoxia on macrophage polarization
	20	Sekar, Divya	Lipids signals induced dendritic cell polarisation in tumors
	20	Ley, Steffi	Macrophage polarization after contact with apoptotic cells, role of interleukin-10
	20	Rosenberger, Kerstin	Proangiogenetic phenotyping of macrophages by apoptotic cells
	20	Esser, Julia	Regulation of Leukotriene production in Dendritic Cell vs. Macrophage differentiation and activation
12:10		Lunch at Putterer Schlössl	
Project discussions			
14:00 – 16:30		Student	thesis committee
		Sandner, Jessica	Grösch, N.N.
		Czech, Bozena	Pfeilschifter/Mühl, N.N.
		Allmann, Nadine	Pfeilschifter/Mühl, N.N.
		Heine, Sandra	Geißlinger, Brüne, Stark
		Werno, Christian	Brüne, Fleming, Radmark
		Sekar, Divya	Brüne, MSZ, Radeke
		Ley, Steffi	Brüne, Steinhilber, Grösch
		Rosenberger, Kerstin	Brüne, Marschalek, Grösch
		Rupp, Matthias	Schneider, Schnitger, MSZ
		Hofmann, Bettina	Steinhilber, Schneider
16:30 – 16:45		Coffee break	

16:45 – 18:05	20	Wijnvoord, Nina	Chemokine receptors and their role in microglia activation
	20	Barth, Nicole	The role of protein kinase A anchoring proteins (AKAPs) in vascular homeostasis
	20	Shi, Lei	microRNA
	20	Trouvain, Caroline	Angiotensin-converting enzyme and stem cell mobilisation

19:00 Dinner at Kirchenwirt

Project discussions

From 20:30

Student	thesis committee
Förster, Ankathrin	Pfeilschifter/Frank, Steinhilber
Barth, Nicole	Fleming, Marschalek, (Fisslthaler)
Shi, Lei	Fleming, Süß, (Fisslthaler)
Trouvain, Caroline	Fleming, Dingermann, (Fisslthaler)
Walter, Miriam	Stark, Radeke, Dötsch

**Wednesday,
Sept. 10**

Time	(min)		Titel
8:30 – 10:05	35	Schubert-Zsilavec, Manfred	Development of new mPGE ₂ synthase-1 inhibitors
	20	Fischer, Astrid	Role of 5-lipoxygenase in death and proliferation of human cancer cells
	20	Lindner, Sabine	Influence of TOLL-like receptor ligands on leukotriene release
	20	Moeser, Christine	I-kappaB kinases as novel targets for the pharmacotherapy of pain and inflammation.
10:05 – 10:20		Coffee break	
10:20 – 11:20	20	Giegold, Oliver	Role of CXCR3 and CXCR4 for transmigration of immune cells in chronic inflammation
	20	Richter, Cornelia	ROS-independent regulation of TLR9-induced IL-12p70 by Ncf in murine dendritic cells
	10	Schröder, Matthias	The role of sphingolipid enzymes for the differentiation of dendritic cells
11:30		Lunch at Putterer Schössl	
12:00		Departure	