

	Wednesday, February 15, 2017		Thursday, February 16, 2017		Friday, February 17, 2017	
	Start time	Aneurysm disease	Start time	Aneurysm wall inflammation biology	Start time	Aneurysm wall inflammation research
	08:00-09:45	Session 1: Current aneurysm concepts Moderators: Isabel Wanke, Philippe Bijlenga Daniel Rufenacht	08:00-09:45	Session 5: Inflammatory aneurysm wall remodelling Moderators: Jean-Baptiste Michel, Rikka Tulamo, Vincent Tutino	08:00-09:45	Session 9: Aneurysm animal / In-vitro models Moderators: Juhana Frösen, Katja Nuss, Paul Evans
	08:00	1.1: Welcome address & Workshop goals (Brigitte von Rechenberg, Katja Nuss, Isabel)	08:00	5.1: The adaptive immune response in aortic aneurysm (Jean Baptiste Michel)	08:00	9.1: Models of induced intracranial aneurysm formation (Aoki Tomohiro)
	08:20	1.2: Aneurysm disease (Juhana Frösen)	08:20	5.2: Inflammation and lipid accumulation in the aneurysm wall - protective role of macrophages? (Rikka Tulamo)	08:20	9.2: Surgical pouch models for aneurysm research (Juhana Frösen)
	08:40	1.3: Review of Cerebral Aneurysm Formation, Growth, and Rupture (David Hasan)	08:40	5.3: SMC and myofibroblast mediated vessel wall remodelling (Marie-Luce Bochaton-Piallat)	08:40	9.3: in-vitro models (Makoto Ohta)
	09:00	Discussion	09:00	Discussion	09:00	Discussion
	09:45	Coffee break	09:45	Coffee break	09:45	Coffee break
	10:30-12:15	Session 2: Destructive remodeling 1 Moderators: Juhana Frösen, Rob Krams, Vincent Tutino	10:30-12:15	Session 6: NF-kappaB & endothelium Moderators: Brenda Kwak, Rob Krams, Michael Hottiger	10:30-12:15	Session 10: Inflammation - simulation, imaging and treatment Moderators: John Fröhlich, Karsten Wrede, David Hasan
	10:30	2.1: Structural differences between ruptured and unruptured human intracranial aneurysms (Sandrine)	10:30	6.1: Shear stress and endothelial function-going with the flow (Paul Evans)	10:30	10.1: In-silico simulation of thrombus formation (Gábor Závodszy)
	10:50	2.2: Hemodynamic factors for growth in small aneurysms (Zsolt Kulcsar)	10:50	6.2: Connexin40 controls endothelial activation by dampening NFkB activation	10:50	10.2: Modeling vascular wall physiology to quantify instability of a cerebral aneurysm (Sven)
	11:10	2.3: The role of hemodynamics: Finding clues in clinical and biological data (Juan Cebra)	11:10	6.3: Regulation of sterile inflammation by protein ADP-ribosylation (Michael Hottiger)	11:10	10.3: Gender differences observed with aspirin in decreasing aneurysm rupture in humans and
	11:30	Discussion	11:30	Discussion	11:30	Discussion
	12:15	LUNCH	12:15	LUNCH	13:00	Conclusion and Farewell
	13:30-15:15	Session 3: Destructive remodeling 2 Moderators: Rob Krams, Rikka Tulamo, Jean-Baptiste Michel	13:30-15:15	Session 7: NF-kappaB & aneurysm wall Moderators: Paul Evans, Michael Hottiger,		
	13:30	3.1: High WSS or Low WSS? Complex Interactions of Hemodynamics with Intracranial Aneurysm Initiation, Growth, and Rupture: Toward a Unifying	13:30	7.1: The co-registration of 3D histology and 3D shear stress reveals new criteria for endothelial dysfunction (Rob Krams)		
	13:50	3.2: Gene expression profile in circulation blood cells and aneurysm vessel wall associated with aneurysm formation and rupture: literature review. (Philippe)	13:50	7.2: Crucial contribution of NF-kB-mediated inflammation in macrophages to intracranial aneurysm development (Tomohiro Aoki)		
	14:10	3.3: MRI: What has high-resolution 7T vessel wall MRI taught us about aneurysm pathophysiology and rupture risk? (Karsten Wrede)	14:10	7.3: Imprints of intracranial aneurysm on circulating neutrophils (Vincent Tutino)		
	14:30	Discussion	14:30	Discussion		
	15:15	Coffee break	15:15	Coffee break		
	16:00-17:45	Session 4: Aneurysm wall imaging Moderators: Brand Corden, Isabel Wanke, Alexander Brill	16:00-17:45	Session 8: Thrombus & hematology Moderators: Vincent Tutino, Lars Asmis, Gabor		
	16:00	4.1: MRI: Wall enhancement unruptured small aneurysms (Isabel Wanke)	16:30	8.1: Mast cells exacerbate deep vein thrombosis in mice: another link between thrombosis and		
	16:20	4.2: MRI: Aneurysm wall enhancement is associated with symptomatic presentation of unruptured aneurysms. (Samuel)	17:00	8.2: The intraluminal thrombus as the main source of proteolytic and oxidative injuries in aortic aneurysm (Jean-Baptiste Michel)		
	16:40	4.3: MRI: wall enhancement in small, ruptured aneurysms (Brand Cord, Charles Matouk)	17:30	8.3: Results of flow diverter CFD challenge-prediction of thrombosis/occlusion (Kenichi)		
	17:00	Discussion	18:00	Discussion		
	17:45	End of day 1	18:45	End of day 2		
			20:00	Speakers Dinner at "Wirtschaft Neubühl"		