

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