

Thursday, September 28 (KH - small lecture hall)

Time	Theme	Title/Topic	Author/Chair
08:00-...	Registration		
09:00-10:30		Blood Rheology I	Fornal M. (Poland), Wenzel F. (Germany)
09:00-09:15		Expedition 5300 - Reduced red blood cell deformability is associated with excessive erythrocytosis in the highest city of the world	Stauffer E. (France)
09:15-09:30		Effect of carotenoids on the physicochemical properties and functioning of erythrocytes	Fiedor J. (Polen)
09:30-09:45		Impact of hematocrit and erythrocyte deformability on coagulation in healthy subjects	Martin M. (France)
09:45-10:00			
10:00-10:15			
10:15-10:30			
10:30-11:00	Coffee break / Exhibition visit		
11:00-12:30		Blood Rheology III	Simmonds M. (Australia), Butler P. (USA), Yalcin Ö. (Turkey)
11:00-11:15		MIZAR: A novel rheometer to improve accessibility of hemorheology research	Frappa F. (USA)
11:15-11:30		Shear history can alter erythrocyte biophysics and cell stability in subsequent low-shear flows	McNamee A. (Australia)
11:30-11:45		Evaluation of erythrocyte aggregation in women with preeclampsia by a microfluidic device and by developed software	Abadjieva E. (Bulgaria)
11:45-12:00		Evolution of the erythrocyte membrane fatty acids composition in morbidly obese patients after bariatric surgery	Fornal M. (Poland)
12:00-12:15		Red cell aggregation assessment via the Mizar®; a fully automated rheometer	Kuck L. (Australia)
12:15-12:30			
12:30-13:30	Lunch break / Exhibition visit		
13:30-15:00		Modeling of cell dynamics: Cytoskeleton and membrane	Antonova N. (Bulgaria), Fornal M. (Poland), Tamas A. (USA)
13:30-13:45		Rheology of single cells	Szydlak R. (Poland)

13:45-14:00		Advances of hemodynamics in cardiology evaluation	Gori T. (Germany)
14:00-14:15		In vitro mimicking the epithelial folding using the polydopamine film	Wang L. (Germany)
14:15-14:30		Upcyting and characterization of human hepatocytes after isolation from chimeric mouse liver	Anders L. (Germany)
14:30-14:45			
14:45-15:00			
15:00-15:30	<i>Coffee break / Exhibition visit</i>		
15:30-17:00		Mircrosurgery of peripheral nerves and vessels	Gohritz A. (Switzerland), Klein S. (Germany)
15:30-15:45		The perfusion index as a noninvasive method for monitoring revascularized and replanted digits	Strauss C. (Germany)
15:45-16:00		Periphereral nerve surgery in chronic pain and sensory deficits	Gohritz A. (Switzerland)
16:00-16:15		Correlation between facial vascularized composite allotransplantation rejection and laboratory markers	Knoedler L. (Germany)
16:15-16:30		Prevention of pressure sore recurrence by vastus lateralis excitation and transfer - The PreVEnT-Concept	Klein S. (Germany)
16:30-16:45		Advances in facial nerve reanimation	Kehrer A. (Germany)
16:45-17:00			
19:00-19:45	Historic old town	<i>Guided city tour</i>	
20:00	Hotel David	<i>Get together welcome reception and dinner</i>	