

Thursday, September 28 (GH - large lecture hall)

Time	Theme	Title/Topic	Author/Chair
08:00-...	<i>Registration</i>		
09:00-10:30		Germany-Hongkong symposium on microcirculation	Blocki A. (Honkong), Braune S. (Germany), Küpper J.H. (Germany)
09:00-09:15		Human induced pluripotency stem cell-derived human liver organoid construction	Wang L. (Germany)
09:15-09:30		Influence of arthrospira platensis extract or of biologically active ingredients on growth and function of human endothelial cells	Krüger-Genge A. (Germany)
09:30-09:45		Effects of an aqueous extract of arthrospira platensis on the activation and aggregation of human platelets	Braune S. (Germany)
09:45-10:00		In vitro mimicking the epithelial folding using the polydopamine film	Nie Y. (Germany)
10:00-10:15		Human liver hepatoma cell line HepG2 with stable recombinant CYP2B6 expression as in-vitro microsomal model for biotransformation studies	Schulz C. (Germany)
10:15-10:30			
10:30-11:00	<i>Coffee break / Exhibition visit</i>		
11:00-12:30		Rheology, Microcirculation and Clinical Outcomes in Sickle Cell Disease	Detterich J. (USA), Connes P. (France), Corbacioglu S. (Germany)
11:00-11:15		Red blood cell nitric oxide production	Suriany S. (USA)
11:15-11:30		A new clinical mechanical marker of red blood cell deformability: sickle cell disease example	Viallat A. (France)
11:30-11:45		Increased mitochondria retention in mature red blood cells from sickle cell patients (HbSS and HbSC genotypes)	Esperti S. (France)
11:45-12:00		Modulatory effects of phosphodiesterases and adenylyl cyclase signaling pathway on red blood cell deformability of sickle cell patients	Yalcin Ö. (Turkey)
12:00-12:15		Cationic ion channel candidates for the psickle conductance in sickle cells	Nader E. (France)
12:15-12:30		Connecting the fundamental rheologic disease with clinical vascular phenotype	Detterich J. (USA)
12:30-13:30	<i>Lunch break / Exhibition visit</i>		
13:30-15:00			
13:30-13:45			

13:45-14:00			
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14:45-15:00			
15:00-15:30	Coffee break / Exhibition visit		
15:30-17:00		Microsurgery and tissue engineering in the field of plastic surgery / Autologous fat transfer	Radke C. (Austria), Kotaro Y. (Japan), Kokai L. (USA), Feldhaus O. (Germany)
15:30-15:45		Why and how are stem cells the future of medicine	Alt E. (Germany)
15:45-16:00		Use of Fat Grafting to Induce Tissue Remodeling and Wound Healing	Kokai L. (USA)
16:00-16:15		Cell-specific responses of oxidative stress induced by alginate di-aldehyde hydrogels	Genc H. (Germany)
16:15-16:30		Cell-enriched lipotransfer leads to an increase in viability without manipulating the adipose derived stem cells	Eigenberger A. (Germany)
16:30-16:45		Hyperbaric oxygen treatment for autologous fat grafting	Felthaus O. (Germany)
16:45-17:00		Update in Peripheral Nerve Regeneration and Neurotization	Radke C. (Austria)
17:00-18:00	Poiseuille Lecture	The rheology of interactions between leukocytes, platelets and the vessel wall in thrombo-inflammation Laudatio	Nash G.B. (UK) Pries A.
19:00-19:45 20:00	Historic old town Hotel David	<i>Guided city tour</i> <i>Get together welcome reception and dinner</i>	