

Friday, September 29 (GH - large lecture hall)

Time	Theme	Title/Topic	Author/Chair
08:00-09:00	<i>Morning Meeting</i>	Radiology Department Lecture	Rennert J. (Germany), Stroszczynski C. (Germany), Sidhu P. (UK) Sidhu P. (UK)
09:00-10:30		Hemorheology and microcirculation in experimental surgery	Nemeth N. (Hungary), Kenyeres P. (Hungary)
09:00-09:15		Artificial vascular anastomoses, hemodynamics and hemorheology	Nemeth N. (Hungary)
09:15-09:30		Hemorheological and hemodynamic comparison of arterio-venous shunts with various size and location as experimental heart failure models in rats	Fazekas L. (Hungary)
09:30-09:45		Microcirculatory and tensile strength alterations in small intestine end-to-end anastomoses in a porcine model	Varga A. (Hungary)
09:45-10:00		Micro-rheological and microcirculatory deterioration in a mesenchymal mesoblastic nephroma rat model	Matrai A. (Hungary)
10:00-10:15		Usefulness of hemorheological investigations in mycoplasma pulmonis infection of laboratory rats	Barath V. (Hungary)
10:15-10:30		The role of plasma for the mechanical properties of blood suspensions	Windberger U. (Austria)
10:30-11:00	<i>Coffee break / Exhibition visit</i>		
11:00-12:30		CEUS in the spotlight of microcirculation	Sidhu P. (United Kingdom), Jung E.-M. (Germany), Dong, Y. (China)
11:00-11:15		Introduction: CEUS and EFSUMB guidelines	Sidhu P. (United Kingdom)
11:15-11:30		New technical developments CEUS for vascular diagnostics	Clevert D.A. (Germany)
11:30-11:45		Current aspects of ablative tumor therapy	Wiggermann P. (Germany)
11:45-12:00		New developments of contrast agents	Greis C. (Germany)
12:00-12:15		Current aspects of lymph node diagnostics in ENT: CEUS and elastography	Künzel J. (Germany)
12:15-12:30		New applications of CEUS in soft tissue and urogenital tumors	Spiesecke P. (Germany)
12:30-13:30	<i>Lunch break / Exhibition visit</i>	Poster presentations (poster area)	

13:30-15:00		Microcirculation and wound healing	Bruns C. (Germany), Schreml S. (Germany), Jung F. (Germany), Gurtner G. (USA)
13:30-13:45		The Critical Role of Mechanical Forces in Wound Healing	Gurtner G. (USA)
13:45-14:00		Challenging perfusion in reconstructive microsurgery - advantages of postoperative regional anesthesia	Sogorski A. (Germany)
14:00-14:15		Antibiotic therapy in reconstructive surgery of deep sternal wound infections	Unbehaun P. (Germany)
14:15-14:30		Factors influencing the shape, size, symmetry and scarring of the MAC after MRP	Diesch S. (Germany)
14:30-14:45		Mechanochemical characterization of cells in health and disease	Pogoda K. (Poland)
14:45-15:00		Effect of human amniotic membrane on angiogenesis in impaired wound healing	Hoffmann N. (Germany)
15:00-15:30	<i>Coffee break / Exhibition visit</i>		
15:30-17:00		Hemorheological and clinical approaches to tissue damage	Maruyama T. (Japan), Lehmann C. (Canada), Geis S. (Germany)
15:30-15:45		Coagulation / hypercoagulation / rheology in tissue transplants	Thomas B. (Germany)
15:45-16:00		Peri-interventional LiMAX test for liver ablation - a feasibility study	Senk K. (Germany)
16:00-16:15		Prognostic significance of red cell distribution width in senile heart failure patients	Maruyama T. (Japan)
16:15-16:30		Blood clot phenotyping by laostress	Windberger U. (Austria)
16:30-16:45		Sonography in the fatty liver epidemic	Peschel G. (Germany)
16:45-17:00		Platelet microvesicles as a predictor of the development of thromboembolic complications in patients with malignant neoplasms	Enikeeva K. (Russia)
17:00-18:00	Opening Ceremony	Dirk Hellwig (Dean Faculty of Medicine) Christiane J. Bruns (President German Society of Surgery) Constantin Berger - Keynote on Artificial Intelligence (Technical University of Munich, Helmholtz Center) Walter Röhrl (Honorary Guest, a legend in the motorsport world)	Prantl L. (Germany), Jung F. (Germany)

18:00-19:00	Fahraeus medal ceremony	Laudatio Blood rheology and vascular function in sickle cell trait and sickle cell disease: from pathophysiological mechanisms to clinical usefulness	Saldanha C. (Portugal) Connes P. (France)
20:00-....	Banquet	<i>Brauhaus am Schloss</i> <i>Gloria, Princess of Thurn and Taxis</i>	