




Program at a Glance

Day 1: Sept. 25 (Fri) AM

	Room A	Room B-1	Room B-2	Room C-1	Annex Hall
8:00-8:30	Coffee & Danish (Swan)				
8:30-8:40	Opening Address				
8:40-9:40	Plenary Lecture 1 Imaging the microcirculation in infections <b>Speaker:</b> Paul Kubes <b>Chair:</b> Makoto Suematsu				
9:45-11:45	Hybrid Symposium 1 Myeloid cell trafficking in disease <b>Speakers:</b> Catherine C. Hedrick Cynthia J. Meininger Francis H.W. Shand Jing Wang Connie H.Y. Wong (ESR) <b>Chairs:</b> Catherine C. Hedrick Paul Kubes	9:45-11:45 Hybrid Symposium 3 Inflammation, oxidative stress and microRNAs in vascularisation <b>Speakers:</b> Jozef Dulak Beata Wojciak-Stothard Yasufumi Sato Ed van Bavel (ESR) Maria J.C. Machado (ESR) <b>Chairs:</b> Jozef Dulak Ed van Bavel	9:45-11:45 Hybrid Symposium 5 Mechanobiology: Roles of cellular and non-cellular elements <b>Speakers:</b> Kim A. Dora Michael A. Hill Michael Mederos y Schnitzler William C. Cole Maria Jelinic (ESR) <b>Chairs:</b> Gerald A. Meininger Michael A. Hill	9:45-11:15 Young Investigators Symposium <b>Speakers:</b> Nikita Ved Sheepsumon Viboolvorakul Cam Ha T. Tran Megumi Shiota Saravana Ramasamy Yugeesh R. Lankadeva Jennifer B. Stott <b>Chairs:</b> Shaun Sandow Angela Shore	

**Day 1: Sept. 25 (Fri) PM**

	Room A	Room B-1	Room B-2	Room C-1	Annex Hall
12:00	12:00-12:45 <b>Luncheon Seminar 2</b> <b>Speaker:</b> Makoto Suematsu <b>Chair:</b> Norihiro Suzuki <b>Sponsored by</b> Otsuka Pharmaceutical Co., Ltd.	12:00-12:45 <b>Luncheon Seminar 3</b> <b>Speaker:</b> Michiyuki Matsuda <b>Sponsored by</b> Olympus Corporation	12:00-12:45 <b>Luncheon Seminar 4</b> <b>Speakers:</b> Yuji Naito Ryota Hokari <b>Chair:</b> Kazuhide Higuchi <b>Sponsored by</b> JIMRO Co., Ltd.		
13:00	12:45-14:25 <b>Coffee Break (Swan)</b>			12:50-13:25 <b>JSM Council</b> 13:25-14:00 <b>JSM Business Meeting</b>	12:50-14:20 <b>Poster Presentations (odd numbers)</b>
15:00	14:25-16:25 <b>Hybrid Symposium 2</b> TRP channels and vascular disease <b>Speakers:</b> Mark T. Nelson Scott Earley Luis Fernando Santana George C. Wellman (ESR) Daniel Collier (ESR) <b>Chairs:</b> Scott Earley Mark T. Nelson	14:25-16:25 <b>Hybrid Symposium 4</b> Metabolics, flowmotion and vascular control —A Tribute to Late Professor Olga Hudlická— <b>Speakers:</b> Stuart Egginton Michelle A. Keske Geraldine Clough N.H. Holstein-Rathlou Serge Charpak Axel R. Pries <b>Chairs:</b> Axel R. Pries Roland Pittman	14:25-16:25 <b>Hybrid Symposium 6</b> Bone microcirculation: A potential therapeutic target <b>Speakers:</b> Anjali Kusumbe Louis Gerstenfeld Gabri van der Pluijm Nicola J. Brown Gloria Allocca (ESR) <b>Chairs:</b> Nicola J. Brown Gabri van der Pluijm	14:25-15:55 <b>Symposium 1</b> Pericytes and microcirculation <b>Speakers:</b> Donald G. Puro Hikaru Hashitani Claire Peppiatt-Wildman Theodor Burdyga <b>Chairs:</b> Theodor Burdyga Claire Peppiatt-Wildman	
17:00			 ↓		
18:00	17:30- <b>Techno Tour &amp; Welcome Reception</b>				
19:00					



Program at a Glance

Day 2: Sept. 26 (Sat) AM

	Room A	Room B-1	Room B-2	Annex Hall	Room 104
8:00	8:00-8:30 <b>Coffee &amp; Danish (Swan)</b>				
8:30-9:30	<b>Plenary Lecture 2</b> Two-photon fluorescence and lifetime microscopy of neuronal activity, blood flow and oxygen dynamics in the mouse brain  <b>Speaker:</b> Serge Charpak <b>Chair:</b> Roland Pittman				
9:00					
9:35-11:35	<b>Hybrid Symposium 7</b> Microvascular plasticity and developmental priming: Impact on human health  <b>Speakers:</b> Mark A. Hanson Phoebe A. Stapleton Yuichiro Arima (ESR) Tien Wong <b>Chairs:</b> Geraldine Clough Giovanni Mann	<b>Hybrid Symposium 8</b> Platelets: Key mediators of inflammation in the microcirculation  <b>Speakers:</b> Michael J. Hickey Rolando E. Rumbaut Paul Kubes D. Neil Granger Muhammad Aslam (ESR) <b>Chairs:</b> Rolando E. Rumbaut Michael J. Hickey	<b>Hybrid Symposium 9</b> What can mass spectrometric analysis offer? –Bridge between local metabolism and microvascular functions–  <b>Speakers:</b> Jonathan V. Sweedler Yuki Sugiura Tsuyoshi Nakanishi Mitsuyo Ohmura Per Andrén <b>Chairs:</b> Per E. Andrén Jonathan V. Sweedler		
10:00					
11:00					
11:50-12:35	<b>Luncheon Seminar 5</b> <b>Speaker:</b> Yasuo Terayama <b>Chair:</b> Norihiro Suzuki <b>Sponsored by</b> Eisai Co., Ltd.	<b>Luncheon Seminar 6</b> <b>Speaker:</b> Hidekazu Suzuki <b>Chair:</b> Yuji Naito <b>Sponsored by</b> DAIICHI SANKYO COMPANY, LIMITED/ AstraZeneca K.K.	<b>Luncheon Seminar 7</b> <b>Speaker:</b> Shuichi Shimma <b>Chair:</b> Per Andren <b>Sponsored by</b> SHIMADZU CORPORATION		
12:00					

**Day 2: Sept. 26 (Sat) PM**

	Room A	Room B-1	Room B-2	Annex Hall	Room 104
12:40-13:25	<b>The Benjamin W. Zweifach Award</b> Reperfusion injury: Lessons learned from the microcirculation <b>Speaker:</b> D. Neil Granger <b>Chair:</b> Rolando E. Rumbaut				
13:00					
13:25-14:10	<b>The Nishimaru-Tsuchiya International Award</b> From molecular mechanisms to functional vascular exchange: Investigations using cellular, single vessel, and whole organ approaches <b>Speaker:</b> Fitz-Roy E. Curry <b>Chair:</b> Hiroshi Nagata				
14:00					
14:10-16:05	<b>Coffee Break (Swan)</b>		14:10-15:10	14:10-15:40	14:10-15:10
15:00			<b>MCS Business Meeting</b>	<b>Poster Presentations (even numbers)</b>	<b>JST ERATO Special Discussion (closed)</b>
16:00					15:30-17:30
16:05-17:35	<b>Symposium 2</b> Recent advances in angiogenesis and lymphangiogenesis <b>Speakers:</b> Yoshiaki Kubota Nobuyuki Takakura Naoki Mochizuki Tetsuro Watabe <b>Chairs:</b> Yoshiaki Kubota Nobuyuki Takakura	16:05-17:35	16:05-17:35		<b>ILCM</b>
17:00	<b>Symposium 3</b> New insights into immune cell regulation in microcirculation <b>Speakers:</b> Markus Sperandio Klaus Ley Cornelia Halin Anatoliy A. Gashev <b>Chairs:</b> Mariappan Muthuchamy Klaus Ley	<b>Symposium 4</b> Recent advances in cerebral microcirculation—A Tribute to Late Professors Minoru Tomita, Makishige Asano, and Makoto Katori— <b>Speakers:</b> Yoshiaki Itoh Takuya Fukuoka Quan Li Kai Sun <b>Chairs:</b> Norio Tanahashi Jing-Yan Han			
17:50-18:50	<b>Evening Seminar</b> <b>Speakers:</b> Masahiro Jinzaki Jiro Hata <b>Chair:</b> Makoto Suematsu <b>Sponsored by</b> Toshiba Medical Systems Corporation				
18:00					
19:00					
19:30-	<b>Congress Dinner (Grand Prince Hotel B2F "Prince Hall")</b>				



Program at a Glance

Day 3: Sept. 27 (Sun) AM

	Room A	Room B-1	Room B-2	Room C-1
8:00	8:00-8:30 <b>Coffee &amp; Danish (Swan)</b>			
9:00	8:30-10:00 <b>Symposium 5</b> Endogenous mediators of endothelial barrier stability: Basic mechanisms and implications in human vascular disease and recovery <b>Speakers:</b> Fitz-Roy E. Curry Wen Chen Vasilios Morikis Stein Ove Doeskeland Takashi Shichita <b>Chairs:</b> Fitz-Roy E. Curry Rolf Reed	8:30-10:00 <b>Symposium 7</b> Structure and function of the endothelial glycocalyx—A Tribute to Late Professor Brian Duling— <b>Speakers:</b> Hans Vink Randal O. Dull Herbert H. Lipowsky Bernard van den Berg <b>Chairs:</b> Randal O. Dull Hans Vink	8:30-10:00 <b>Symposium 9</b> The role of EDRF (NO and EDHF), H <sub>2</sub> S and CO in microcirculation <b>Speakers:</b> Shigeo Godo Takehiro Yamamoto Masato Tsutsui Paul M. Vanhoutte <b>Chairs:</b> Toyotaka Yada Paul M. Vanhoutte	8:30-10:00 <b>Satellite Symposium 8</b> Qi drive blood <b>Speakers:</b> Jing-Yan Han Fulong Liao Bao-liang Sun Xue-Jun Li <b>Chairs:</b> Geert W. Schmid-Schonbein Jing-Yan Han
10:00	10:05-12:05 <b>Hybrid Symposium 10</b> Building vascular networks: Determination, randomness and functional control <b>Speakers:</b> Valentin Djonov Timothy W. Secomb Anshuman Ghosh (ESR) Sara S. Nunes de Vasconcelos (ESR) <b>Chair:</b> Axel R. Pries	10:05-12:05 <b>Hybrid Symposium 11</b> Microvascular plasticity in health and disease <b>Speakers:</b> Christopher G. Kevil Shigetomo Fukuhara Tailoi Chan-Ling Amanda J. LeBlanc Mark Olfert <b>Chairs:</b> Jay Hoying Mark Olfert	10:05-12:05 <b>Hybrid Symposium 12</b> Disease intervention: Targeting the microcirculation <b>Speakers:</b> Ruth Ganss Grant R. Drummond Jennifer B. Stott Chen Huei Leo Thomas A. Jepps Kristen J. Bubb <b>Chairs:</b> Marianne Tare Timothy V. Murphy	10:05-11:35 <b>Satellite Symposium 9</b> Qi retaining body fluid and blood <b>Speakers:</b> Qiao-bin Huang Ping Nian He Yun-Pei Zhang Jerome W. Breslin <b>Chairs:</b> Qiao-bin Huang Jerome W. Breslin
11:00				
12:00				

**Day 3: Sept. 27 (Sun) PM**

	Room A	Room B-1	Room B-2	Room C-1
12:20-13:05	<b>Luncheon Seminar 8</b> <b>Speaker:</b> Hiroshi Itoh <b>Chair:</b> Masato Kasuga <b>Sponsored by</b> ONO PHARMACEUTICAL CO., LTD.	<b>Luncheon Seminar 9</b> <b>Speaker:</b> Akira Nishiyama <b>Chair:</b> Hiroshi Nagata <b>Sponsored by</b> Taisho Toyama Pharmaceutical Co., Ltd.	<b>Luncheon Seminar 10</b> <b>Speaker:</b> Calvin Kuo <b>Chair:</b> Hideyuki Saya <b>Sponsored by</b> Chugai Pharmaceutical Co., Ltd.	
13:00				
13:15-14:45	<b>Symposium 6</b> Metabolism and tumor microcirculation/angiogenesis <b>Speakers:</b> Peter Carmeliet Hiroshi Maeda Gou Young Koh Makoto Suematsu Dai Fukumura <b>Chairs:</b> Dai Fukumura Rakesh K. Jain	<b>Symposium 8</b> Microvascular remodeling in the coronary circulation <b>Speakers:</b> Dirk J. Duncker Jos A.E. Spaan Yunlong Huo Vahagn Ohanyan <b>Chairs:</b> Maria Siebes Fumihiko Kajiya	<b>Symposium 10</b> Impact of mitochondrial function on vascular function and disease <b>Speakers:</b> John G. McCarron Heike Beck Hazel H. Szeto <b>Chairs:</b> Ulrich Pohl John G. McCarron	
14:00				
14:45-15:15	<b>Coffee Break (Swan)</b>			
15:00				
15:15-16:15	<b>Plenary Lecture 3</b> Angiogenesis revisited: Endothelial cell metabolism as a target? <b>Speaker:</b> Peter Carmeliet <b>Chair:</b> Shinichi Takahashi			
16:00				
16:15-16:25	<b>Closing Remarks</b>			
17:00				
18:00				