Final program

14th Conference of the European Society for Clinical Hemorheology and Microcirculation

27 – 30 June 2007
Dresden, Germany
Greetings

Dear colleagues and friends,

it is a great pleasure for me and my organizing team to invite you to the

14th Conference of the European Society for Clinical Hemorheology and Microcirculation.

The conference will be held in Dresden from 27 - 30 June 2007. As president of the European Society I am happy to welcome the European National Societies and working groups, the members of the advisory committee as well as non-european, scholars in the field of clinical hemorheology and of microcirculation to participate in the conference by sending proposals for topics, lectures, symposia, oral communications and posters.

This is the third time that Germany hosts the european conference. The first one was organized by Holger Schmid-Schönbein in Baden-Baden, the second one by Albrecht Ehrly in Frankfurt. I enjoyed both important meetings and hope that our scientific program will present an actual overview on the developments in basic and clinical hemorheology and microcirculation and pave the ground for fruitful interdisciplinary discussions. We hope that you will enjoy not only the scientific program, but also the social side of the meeting and the ambience of the beautiful city of Dresden.

During the conference, a ceremony will be held for the Fahraeus Medal, assigned according to the rules stated in the constitution of the society in recognition of the scientific excellence in the field. I am honoured to welcome such distinguished scientists in Dresden, Germany.

On this occasion the members of the organizing committee would like to thank in advance the many highly esteemed speakers and chairpersons for their enthusiasm in participation and their valuable contribution on this meeting.

We are looking forward to a lively discussion leading to new ideas and cooperations for future scientific work.

Friedrich Jung
President of the European Society for Clinical Hemorheology and Microcirculation

Jai-Wun Park
Scientific Secretary
International Advisory Committee

Sami Aydogan            Sylviane Muller
Bernhard Angelkort      Alexei Muravyov
Nadia Antonova          Ernst Pilger
Oguz K. Baskurt         Fausto Pinto
R. Bauersachs           Michael Rampling
Lajos Bogar             Walter Reinhart
Michel R. Boisseau      Pavel Riha
Gregorio Caimi          Marco Rossi
Sandro Forconi          Carlota Saldanha
Max R. Hardemann        Bo Sandhagen
M. Jünger               Marisa Santaorlaia
Friedrich Jung          Holger Schmid-Schönbein
Taranee Khodabandehlou  Bruno Sebastiano Solerte
Lajos Kollar            Reinhardt Sternitzky
Dimitris D. Koutsouris  Jean Francois Stoltz
Franco Laghi Pasini     Kalman Toth
Hans Larsson            Maria G. Tozzi Ciancarelli
Claude Le Devehat       Amparo Vaya
Gordon Lowe             Irena Velcheva
Joao Martins e Silva    Jean-Luc Wautier
George Mchedlishvili    P. Rhodri Williams
Constantin Mercioiu     Sebastian Wolf

Local Advisory Committee

Ralph-Peter Franke       Ulrich Gerk
Michael Jünger          Boris Leithäuser
Klaus Matschke          Jai-Wun Park
Lutz E. Pillunat        Hans Schnittler
Dietrich Seidel         Reinhardt Sternitzky
# Program at a glance

**Thursday, 28 June 2007**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Posterarea</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>S1: Hemorheological parameters in vascular pathology</td>
<td>S2: Clinical Hemorheology and Platelets</td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>L1: Ultrasound contrast media</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td>S3: Clinical Microcirculation</td>
<td>S4: Hemodynamics and Hemorheology</td>
<td>Posterexhibition I</td>
</tr>
<tr>
<td>12:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td>Lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td></td>
<td></td>
<td>Posterpresentation I</td>
</tr>
<tr>
<td>14:00</td>
<td>L2: Magneto-cardiography</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>S5: Hemorheological parameters in vascular pathology</td>
<td>S6: Clinical Hemorheology I</td>
<td>Posterexhibition II</td>
</tr>
<tr>
<td>15:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30</td>
<td>Meeting of the Advisory Committee (Room 3)</td>
<td></td>
<td>Posterpresentation II</td>
</tr>
<tr>
<td>17:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:30</td>
<td>Meeting of the German Society for Clinical Hemorheology and Microcirculation (Room 3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td>Guided Sight seeing tour through Dresden city</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Program at a glance

**Friday, 29 June 2007**

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 1</th>
<th>Room 2</th>
<th>Posterarea</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>L3: Clinical Relevance of …</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td>S7: Microcirculation, exercise, and oxidative stress</td>
<td>S8: PDE5-Inhibition and Endothelial Dysfunction</td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>S9: Apheresis Therapy in Microcirculation Disorders</td>
<td>S10: Experimental Hemorheology and Microcirculation</td>
<td>Posterexhibition III</td>
</tr>
<tr>
<td>11:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>Lunch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td>S11: In vivo correlations of increased RBC aggregation</td>
<td>S12: Coronary Microcirculation</td>
<td>Posterpresentation III</td>
</tr>
<tr>
<td>14:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td>S13: Interaction of blood cells with body foreign surfaces</td>
<td>S14: Update about Nicotinic Acid Derivates</td>
<td>Posterpresentation IV</td>
</tr>
<tr>
<td>16:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td>Departure to the Gala Dinner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Room 1</td>
<td>Room 2</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------</td>
<td>--------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>08:30</td>
<td>L4: Hemorheological parameters as ...</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td>S15: Clinical Hemorheology and Hemostasis I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td></td>
<td>S16: Ultrasound and Microcirculation</td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Coffee break</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td>S17: Clinical Hemorheology and Hemostasis II</td>
<td>S18: Clinical Hemorheology II</td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td>Closing ceremony</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td></td>
<td>Snack</td>
<td></td>
</tr>
</tbody>
</table>
Scientific program

Opening Ceremony

Wednesday, 27 June 2007, 4:00 - 6:00 p.m.

Fahraeus Medal Award Presentation Ceremony and Lecture
Chairperson: F Jung, President

Laudatio
D Seiffge [Germany]
H Meiselman [United States]

Presentation of the Fahraeus Medal Award

Fahraeus Lecture
M Rampling [United Kingdom]

6:00 p.m. Welcome Cocktail
Session 1, Room 1
Thursday, 28 June 2007, 8:30 - 10:30 a.m.

Hemorheological Parameters in Vascular Pathology
Session organized in cooperation with the Hungarian Society of Hemorheology
Chairpersons: L Bogar (Hungary), K Tóth (Hungary)

S0101 Indicative Force of Hemorheological Factors in Hyposplenic and Asplenic States after Splenectomy and Spleen Autotransplantation. A Research Summary
I Miko, N Nemeth, E Brath, A Furka, S Imre, J Serfozo, J Kovács, G Szabo, A Balint, E Sajtos, L Galuska, K Peto, I Furka (Hungary)

S0102 Plasma Viscosity: a Forgotten Variable?
G Késmárky, P Kenyeres, K Tóth (Hungary)

S0103 The Impact of Hemorheological Oxygen Carrying Capacity on Cardiac Morbidity and Mortality
P Kenyeres, G Késmárky, P Tarsoly, I Juricskay, K Tóth, L Bogar (Hungary)

S0104 Reperfusion Injury and Inflammatory Responses Following Limb Revascularization Surgery
E Arató, L Sinay, G Kasza, L Kollár, G Jancsó, M Kürthy, E Röth (Hungary)

S0105 Connection Between Genetically Determined Blood Coagulation Factors and Hemorheology
E Pongracz, H Andrikovocs, SI Bernat, Z Nagy (Hungary)

S0106 Debrecen Longevity Study: The Hemorheological and the General Health Status in Oldest Old Residents
Á Kovács, Z Szikszaí, É Várády, S Imre (Hungary)
Session 2, Room 2  
Thursday, 28 June 2007, 8:30 - 10:30 a.m.

Clinical Hemorheology and Platelets  
Chairpersons: WH Reinhart [Switzerland], B Leithäuser [Germany]

S0201 Effects of Desmopressin on Thrombocytic Membrane Glycoproteins and Platelet Aggregation in Healthy Volunteers on Clopidogrel  
D Zielske, C Mrowietz, UT Seyfert, F Jung [Germany]

S0202 The Impairment of Platelet Function and Plasmatic Coagulation in Faecalperitonitis and Endotoxemia are Dependent on the Volume Challenge  

S0203 Portal Venous Stasis During Major Liver Resection does not Affect Platelet Aggregability  
M Weinrich, B Stephan, S Windischmann, B Kopp, G Pindur, H Eichler, MK Schilling [Germany]

S0204 Influence of Paracetamol, Diclofenac and Aspirin alone and in Combination on Platelet Aggregation under high Shear Conditions in Vitro  
KS Galliard-Grigioni, WH Reinhart [Switzerland]

S0205 Effects of Heavy-resistance Training on Platelet Indices and Fibrinogen Concentration  
S Ahmadizad, H Hassanloei, K Ibrahim, MA Aslankhani [Iran]

Lecture 1, Room 1  
Thursday, 28 June 2007, 11:00 - 11:30 a.m.

Ultrasound Contrast Media Enhanced Detection of Coronary Microangiopathy  
N Chung [Republic of Korea]  
Chairperson: JW Park [Germany]
Session 3, Room 1
Thursday, 28 June 2007, 11:30 a.m. - 1:00 p.m.

Clinical Microcirculation
Chairpersons: H. Landgraf (Germany), B. Angelkort (Germany)

S0301 Endothelial Cell Junctions: Critical Structures in Vascular Biology
H Schnittler, R Kronstein, J Seebach (Germany)

S0302 The Effect of Prostaglandin E1 on Nailfold Capillary Blood Pressure and Red Blood Cell Velocity in Humans
M Hahn, M Jünger, AC Shore (Germany)

S0303 Role of the Microcirculation in Diabetic Foot Ulcerations
J Hering, B Angelkort (Germany)

S0304 Acute Cigarette Smoking induces Different Effects in Skin and Muscle Microcirculation in Healthy Chronic Smokers
S Petrule, A Stirban, M Negrean, D Tschoepe (Germany)
Session 4, Room 2  
Thursday, 28 June 2007, 11:30 a.m. - 1:00 p.m.

Hemodynamics and Hemorheology  
Chairpersons: B Sandhagen [Sweden], G Caimi [Italy]

S0401 On the Effect of Microstructural Changes of Blood on Energy Dissipation in Couette Flow  
S Kaliviotis, M Yianneskis [United Kingdom]

S0402 Whole Blood Viscosity and Erythrocyte Fluidity are Related to Endothelium-dependent Vasodilatation and Coronary Risk in the Elderly  
B Sandhagen, L Lind [Sweden]

S0403 Endothelial Dysfunction and Monocyte Recruitment in Cells Exposed to Non-uniform Shear Stress  
I Cicha, M Goppelt-Struebe, A Yilmaz, WG Daniel, CD Garlichs [Germany]

S0404 Blood Rheology Abnormalities and Vascular Cell Adhesions Mechanisms in Sickle Cell Trait Carriers during Exercise  
P Connes, O Hue, J Tripette, MD Hardy-Dessources [France]

S0405 RAC-dependent Adaptation of Paraendothelial Barrier Function under Fluid Flow  
J Seebach, C Mrowietz, S Werth, H Schnittler [Germany]

Lecture 2, Room 1  
Thursday, 28 June 2007, 14:00 - 14:30 p.m.

Magnetocardiography – A new Tool for the Detection of Cardiac Ischemia  
JW Park [Germany]  
Chairperson: T Gori [Italy]
Session 5, Room 1  
Thursday, 28 June 2007, 2:30 - 4:30 p.m.

Hemorheological Parameters in Vascular Pathology
Session organized in cooperation with the
Bulgarian Society of Hemorheology
Chairpersons: N Antonova (Bulgaria), I Velcheva (Bulgaria)

S0501 Hemorheological Disturbances in Cerebrovascular Diseases
I Velcheva, N Antonova, E Titianova, P Damianov, N Dimitrov, V Dimitrova (Bulgaria)

S0502 Time Dependent Variation of Human Blood Conductivity as an Estimation of RBC Aggregation
N Antonova, P Riha, I Ivanov (Bulgaria)

S0503 Hemorheological Changes and Characteristic Parameters Derived From Whole Blood Viscometry in Chronic Heroin Addicts
N Antonova, E Zvetkova, Y Savov, I Ivanov (Bulgaria)

S0504 Studies on the Aggregation Behavior of Pegylated Human red Blood Cells with the Zeta Sedimentation Technique
S Jovtchev, S Stoeff, K Arnold, O Zschörnig (Bulgaria, Germany)

S0505 Hemorheological Disturbances and Cognitive Function in Patients with Cerebrovascular Disease
I Velcheva, G Nikolova (Bulgaria)
Session 6, Room 2  
Thursday, 28 June 2007, 2:30 - 4:30 p.m.

Clinical Hemorheology I  
Chairpersons: S Shin [Republic of Korea], S Aydogan [Turkey]

S0601 Study of Reference Control Material in Measurements of Erythrocyte Deformability  
S Shin, HK Kim, JS Suh [Republic of Korea]

S0602 Impaired Erythrocytes Deformability in H2O2-Induced Oxydative Stress: Protective Effect of L-Carnosine  
S Aydogan, Hande Yaplar, Seda Art [Turkey]

S0603 Modulation of Erythrocyte Deformability by PKC Activity  
S de Oliveira, AS Silva-Herdade, J Martins e Silva, C Saldanha [Portugal]

S0604 Resistance to Plastic Deformation is Decreased in RBC of Preterm Neonates  
P Ruef, JMB Pöschl, O Linderkamp [Germany]

S0605 Gender-Related Alterations in Erythrocyte Mechanical Activities under Desfluran or Sevofluran Anesthesia  
MB Yerer, S Aydogan, FM Çomu [Turkey]

S0606 Influence of Radiographic Contrast Media on the buckling of Endothelial Cells  
R Fuhrmann, B Hiebl, F Jung, RP Franke [Germany]

Thursday, 28 June 2007, 4:30 - 5:00 p.m., Room 3  
Meeting of the Advisory Committee

Thursday, 28 June 2007, 5:00 - 6:00 p.m., Room 3  
Meeting of the German Society for Clinical Hemorheology and Microcirculation
Lecture 3, Room 1  
Friday, 29 June 2007, 8:30 - 9:00 a.m.

Clinical Relevance of Cutaneous Microcirculation with Regard to Chronic Venous Insufficiency  
M Jünger (Germany)  
Chairperson: A Vayá (Spain)

Session 7, Room 1  
Friday, 29 June 2007, 9:00 - 10:30 a.m.

Microcirculation, exercise, and oxidative stress  
Session organized in cooperation with the Italian Society of Clinical Hemorheology and Microcirculation  
Chairpersons: S Forconi (Italy), N.N.

S0701 Effect of Endurance-Training on Peripheral Microcirculation  
M Rossi, F Franzoni, F Galetta, G Santoro (Italy)

S0702 Can Exercise Training Improve Endothelial Dysfunction?  
C Di Massimo, D De Amicis, A Pompei, P Scarpelli, C Corbacelli, MG Tozzi Ciancarelli (Italy)

S0703 Endothelial Ischemia and Endothelial Preconditioning  
T Gori (Italy)

S0704 Oxidative Stress in Juvenile Myocardial Infarction: Evaluation at the Initial Stage and after 12 Months  
G Caimi, C Carollo, R LoPresti (Italy)
Session 8, Room 2  
Friday, 29 June 2007, 9:00 - 10:30 a.m.

PDE5-Inhibition and Endothelial Dysfunction  
Chairpersons: J-W Park [Germany], R Voswinckel [Germany]

Introduction  
N.N.

S0801 Microangiopathy as Result of Endothelial Dysfunction  
B Leithäuser [Germany]

S0802 The Role of NO in Pulmonary Hypertension  
R Voswinckel [Germany]

S0803 Cutaneous Microcirculation Test Predicts Clinical Efficacy of Tadalafil in Patients with Coronary Artery Disease and Erectile Dysfunction  
JW Park, B Leithäuser, C Mrowietz, F Jung [Germany]

S0804 Endothelial Dysfunction and Erectile Dysfunction in the Meaning of Microcirculation in the Corpus Cavernosum  
K Brixius, C Reidenbach, T Klotz, W Bloch, RHG Schwinger [Germany]

Final remarks  
JW Park [Germany]
Session 9, Room 1
Friday, 29 June 2007, 11:00 a.m. - 0:30 p.m.

Apheresis Therapy in Microcirculation Disorders
Chairpersons: JW Park [Germany], KP Mellwig [Germany]

S0901 Apheresis as a Global Therapy Principle in Microcirculation Disorders
JW Park [Germany]

S0902 Apheresis in Coronary Artery Disease: Findings in PET-Studies
KP Mellwig [Germany]

S0903 Influence of Chronical HELP-Apheresis on Microcirculation in Cardiac Allograft Recipients
U Gerk, C Mrowietz, F Jung, JW Park [Germany]

S0904 Apheresis in Stroke
B Leithäuser [Germany]
Session 10, Room 2
Friday, 29 June 2007, 11:00 a.m. - 0:30 p.m.

Experimental Hemorheology and Microcirculation
Chairpersons: C Lehmann [Canada], U Windberger [Austria]

S1001 Leukocyte Rolling and Recruitment by Endothelial Cells: Hemorheological Experiments and Numerical Simulations
AM Artoli, A Sequeira, AS Silva-Herdade, C Saldanha [Portugal]

S1002 Effects of the new Ampicillin Derivative KKP723 on the Intestinal Microcirculation in Experimental Endotoxemia
Ch Lehmann, S Bohnenstengel, D Pavlovic, M Gründling, VH Bac, T Usichenko, K Meissner, M Wendt, O Hung, M Murphy, U Lindequist [Canada]

S1003 Hemorheology in Different Laboratory Rat Strains
U Windberger, B Röder, K Spurny, R Plasenzotti, U Losert [Austria]

S1004 Hemorheological Measurements in Experimental Animals: Applications in Surgical Research
N Nemeth, A Gulyas, K Peto, R Foldesi, E Brath, I Furka, OK Baskurt, HJ Meiselman, S Imre, E Vanyolos, I Miko [Hungary, Turkey, United States]

S1005 Haemorheological Changes in the Blood of the Syrian Hamster (mesocricetus auratus)
R Plasenzotti, U Windberger, U Losert [Austria]

S1006 Albumin Permeability and Composition of the Adherens Junction Core Complex in the Rat Lung as Affected by Ischemia/Reperfusion and Preconditioning with NO
W Wit, T Waldow, A Ulmer, A Janke, K Matschke [Germany]
Session 11, Room 1
Friday, 29 June 2007, 1:30 - 3:00 p.m.

In Vivo Correlations of Increased RBC Aggregation
Symposium organized in cooperation with the
International Society of Clinical Hemorheology)
Chairpersons: HJ Meiselman [United States], O Baskurt [Turkey]

S1101 The Role of Macromolecules in Red Blood Cell
Interactions
B Neu, Zhang Zhengwen, Yang Yang [Singapore]

S1102 Role of Red Blood Cell Aggregation in Determining
Endothelial Function
O Yalcin, OK Baskurt, HJ Meiselman [Turkey]

S1103 Red Cell Aggregation as a Factor Influencing
Margination and Adhesion of Leukocytes and Platelets
GB Nash, T Watts, M Barigou [United Kingdom]

S1104 RBC Aggregation In Vivo: Why Bother? Normalize if
Treat the Disease?
HJ Meiselman, OK Baskurt [United States]
Session 12, Room 2  
Friday, 29 June 2007, 1:30 - 3:00 p.m.

Coronary Microcirculation  
Chairpersons: K Matschke [Germany], C Waller [Germany]

S1201 Regulation of Myocardial Microcirculation  
K Matschke, F Jung [Germany]

S1202 The Coronary „Slow-Flow” Phenomenon: Mechanistic Evidence  
M Fineschi, A Bravi, S Forconi, T Gori [Italy]

S1203 Resting Perfusion in Viable Myocardium distal to Chronic Coronary Stenosis is Reduced: Characterization by Magnetic Resonance Imaging and Radiolabeled Microspheres in the Rat  
C Waller, T Engelhorn, KH Hiller, G Heusch, G Ertl, WR Bauer, R Schulz [Germany]

S1204 Hemorheological Abnormalities in Cardiac Syndrome X as a Cause of Microcirculatory Dysfunction  
BK Lee, T Alexy, RB Wenby, A Durairaj, A Mehra, HJ Meiselman [United States]

S1205 The Preconditioning-mimetic Effect of Nitroglycerin  
T Gori, G Di Stolfo, S Sicuro, S Dragoni, M Lisi, S Forconi [Italy]
Session 13, Room 1
Friday, 29 June 2007, 3:30 - 5:00 p.m.

Interaction of Blood Cells with Body Foreign Surfaces
Session organized in cooperation with the
German Society for Clinical Hemorheology and Microcirculation
Chairpersons: RP Franke [Germany], D Seiffge [Germany]

S1301 Interaction of Blood with Body Foreign Surfaces - Haemocompatibility
RP Franke [Germany]

S1302 In vitro 3D Assay to Test Angiogenic Effects of Human CD14+ Monocytes Seeded on Macroporous PLGA/CaP Based Polymers with a Nanostructured Surface
B Hiebl, R Fuhrmann, MEV Costa, MM Almeida, RP Franke [Germany, Portugal]

S1303 Stimulation of Monocytes and Macrophages: Possible Influence of Surface Roughness
J Fink, R Fuhrmann, B Hiebl, RP Franke [Germany]

S1304 Coated or Implanted Polyurethane Foil, which Kind of Modification Leads to a Better Biocompatibility?
ISchade, K Plötze, C Wetzel, DKitta, TKMonsees, NÖzkucur, RFunk, MKnaut, KMatschke [Germany]
Session 14, Room 2  
Friday, 29 June 2007, 3:30 - 5:00 p.m.

Update about Nicotinic Acid Derivates  
Chairpersons: M Hersberger (Switzerland), B. Leithäuser (Germany)

S1401 Modulation of High-density Lipoprotein Cholesterol Metabolism  
M Hersberger (Switzerland)

S1402 Ophthalmological Diagnostics of Endothelial Dysfunction. Impact of the Dynamic Vessel Analyzer  
M Küstner, M Kneser, F Tost (Germany)

S1403 Regulation of the Cavernous Smooth Muscle Contractility by Nicotinic Acid Derivates  
R Eckert (Germany)

S1404 Influence of Nicotinic Acid on Cutaneous Microcirculation  
U Gerk, B Leithäuser, C. Mrowietz, F Jung, JW Park (Germany)

S1405 Influence of Nicotinic Acid on LP[a]  
M Vršanský (Germany)

S1406 Introduction of a Planned Magnetocardiographic Trial on the Influence of Nicotinic Acid on Myocardial Ischemia in Patients with Coronary Heart Disease and Erectile Dysfunction  
B Leithäuser (Germany)
Lecture 4, Room 1  
Saturday, 30 June 2007, 8:30 - 9:00 a.m.

Hemorheological Parameters as Independent Risk Factors for Deep Vein Thrombosis  
A Vayá (Spain)  
Chairperson: R Bauersachs (Germany)

Session 15, Room 1  
Saturday, 30 June 2007, 9:00 - 11:00 a.m.

Clinical Hemorheology and Hemostasis I  
Chairpersons: GF v Tempelhoff (Germany), UT Seyfert (Germany)

S1501 Combination Fibrinolysis and Early Invasive Strategy vs Facilitated PCI by Upstream Tirofiban in Acute ST-Segment Elevation Myocardial Infarction: Results of the Alteplase and Tirofiban in Acute Myocardial Infarction (ATAMI) Trial.  
S Peters, M Truemmel, B Koehler (Germany)

S1502 Endothelial Dysfunction of Arteries due to Thrombophilia and Vascular Risk Factors  
UT Seyfert (Germany)

S1503 Future Therapy of Acute Coronary Syndromes: Advanced Role for Thienopyridines or Triple Antiplatelet Therapy?  
H Schühlen (Germany)

S1504 Coagulation Activation and Hyperviscosity – not Just an Epiphenomenon in Malignancy  
GF v Tempelhoff (Germany)

S1505 Influence of Preanalytic Conditions on Soluble CD40L Determination  
FWenzel, A Baertl, N Zimmermann, Th Hohlfeld, G Giers, J Oldenburg, R Assert (Germany)

ES Lapikova, NN Drozd, VA Makarov, AS Tolstenkov, NM Mestechkina, GE Bannikova, VD Scherbukhin, VP Varlamov (Russia)
Session 16, Room 2
Saturday, 30 June 2007, 9:00 - 11:00 a.m.

Ultrasound and Microcirculation
Chairpersons: EM Jung [Germany], R Kubale [Germany]

L Prantl, P Lamby, S Geis, M Nerlich, S Feuerbach, EM Jung [Germany]

S1602 Contrast-Enhanced Ultrasound in Comparison to MS-CT in Blunt Abdominal Trauma
DA Clevert, EM Jung, M Stickel, M Reiser [Germany]

S1603 Contrast Harmonic Ultrasound and Indocyanine-Green Fluorescence Video Angiography for Evaluation of Dermal and Subdermal Microcirculation in Free Parascapular Flaps
L Prantl, P Lamby, S Geis, M Nerlich, S Feuerbach, EM Jung [Germany]

S1604 Contrast enhanced Ultrasound versus CT-angiography in Classification of Abdominal Aortic Endoleak between Typ II and III after Endovascular Repair
DA Clevert, R Kopp, EM Jung, M Stickel, M Reiser [Germany]

S1605 Evaluation of Quantitative Contrast Harmonic Imaging to Detect the Malignancy of Hepatic Tumors: A Controlled Prospective two Centre Study
EM Jung, D Clevert, R Kubale, F Jung [Germany]
Session 17, Room 1
Saturday, 30 June 2007, 11:15 a.m. - 0:45 p.m.

Clinical Hemorheology and Hemostasis II
Chairpersons: G Pindur (Germany), R Bauersachs (Germany)

S1701 Central Venous Oxygen Saturation does not Correlate with the Venous Oxygen Saturation in the Operation Field During Visceral Surgery
M Weinrich, B Stephan, C Bauer, A Kayser, B Kopp, G Pindur, MK Schilling (Germany)

S1702 (title still missing)
R Bauersachs (Germany)

S1703 Association of Lewis Null Blood Group with Proatherogenic Inflammatory Markers in Healthy Subjects
T Alexy, HN Hodis, WJ Mack, E Pais, HJ Meiselman, TC Fisher (United States)

S1704 Comparison of Genetic Polymorphisms in Plasminogen Activator Inhibitor-1 Gene-675 4G/5G in Women with Venous Thrombembolism or Early Spontaneous Abortion During Pregnancy
G Pindur, S Zewinger, B Stephan (Germany)

S1705 Improvement of Microcirculation by Apheretic Decrease of Fibrinogen in Patients with Chronic Venous Leg Ulcers
S Majunke (Germany)
Session 18, Room 2  
Saturday, 30 June 2007, 11:15 a.m. - 0:45 p.m.

Clinical Hemorheology II  
Chairpersons: M Hardeman (the Netherlands), C Saldanha (Portugal)

S1801 Erythrocyte Sedimentation Rate in 20 s ?  
MR Hardeman, AA Bouman, A Pelliccia, M Levitus (the Netherlands)

S1802 Rheological Properties of Erythrocytes in Patients with High Risk of Cardiovascular Disease  
M Fornal, RA Korbut, M Lekka, G Pyka-Fociak, B Wizner, J Styczen, T Grodzicki (Poland)

S1803 The Effect of Gender Differences and Social Environment on the Values of Hemorheological Parameters in Oldest Old Residents  
S Imre, Z Szikszai, É Várady, Á Kovács (Hungary)

S1804 Red Cell Microrheological Properties under Chemotherapy Drug Infusion in Patients with Gastric Cancer  
AV Muravyov, SV Cheporov, IA Tikhomiriva, SV Bulaeva, AA Maimistova, FA Cuckanov (Russia)
Poster session I

Thursday, 28 June 2007, 1:30 – 2:00 p.m.
Chairperson: U Kessler (Switzerland)

P0101 Responses of Red Blood Cell Indices to Heavy-resistance Training in Men
S Ahmadizad, K Ibrahim, H Hassanloei, MA Aslankhani (Iran)

P0102 Quantitative Expediency Assessment of the ZETA Sedimentation Ratio and the Plasma Viscosity in Arterial Hypertension Research
S Stoeff, I Dikov, S Jovtchev, D Kolarov, T Galabova, N Trifonova, S Hadjieva, A Mladenova, L Lambreva, M Penev (Bulgaria)

P0103 Bovine Blood Viscosity as Evaluated by a Rheometer and a Torsional-oscillation Viscometer
V Travagli, I Zanardi, L Boschi, R Cappelli, A Gabbrielli, S Forconi (Italy)

P0104 Reversible of Echinocyte Formation of Erythrocytes after Contact with Radiographic Contrast Agents
C Mrowietz, RP Franke, JW Park, F Jung (Germany)

P0105 Influence of Contrast Media on Red Blood Cell Deformability
G Athanassiou, D Karnabatidis, A Moutzouri, K Katsanos, D Siablis (Greece)

P0106 Comparative Evolution of two Newly Developed Devices for Capillary
B Holdt, JK Lehmann, P Schuff-Werner (Germany)

P0107 The Development of Animal Models is an Important Point in Research Work
I Schade, M Knaut, K Matschke (Germany)

P0108 A new Shear Stress-scanning Microfluidic Aggregometer
S Shin, JX Hou, JS Suh (Republic of Korea)

P0109 Hemorheological Effect of Desmopressin as one Possible Mechanism of its Haemostatic Action
NP Zdumaeva, VN Levin (Russia)
Poster session II

Thursday, 28 June 2007, 4:30 – 5:00 p.m.
Chairperson: B Holdt (Germany)

P0201 Plasmapheresis and his Influence to Hemorheology
N Sneguireva, V Naumenko, A Naumenko, G Kovalev (Russia)

P0202 Microrheological Blood Properties in Patients with Chronic Cerebrovascular Diseases and Metabolic Syndrome
S Orlov, V Ionova, M Domashenko, M Kostyreva, A Shabalina, M Tanashyan, N Glotova (Russia)

P0203 Features of Rheological Properties of Blood in the Patients with Cerebrovascular Pathology
V Ionova, M Maximova, M Tanashyan, A Shabalina, M Kostyreva (Russia)

P0204 Role of the Extracellular Signaling Pathways in the Change of Microrheological Red Blood Cell Properties: In Vitro Study
AV Muravyov, IA Bakanova, VV Yakusevich, AV Kabanov, SV Bulaeva, AA Maimistova (Russia)

P0205 Effects of Swimming Exercise In Cold Water (4° C) on RBC Rheology and Membrane Fatty Acids Composition
A Teleglówa, A Marchewka, Z Browski (Poland)

P0206 Comparison of Rheological Properties of Erythrocytes in Patients with Claudication after Treadmill and Cycloergometer Training. Examination with the LoRRca device.
R Kowalski, A Teleglów, T Brzostek, M Górkiewicz, A Marchewka (Poland)

P0207 Hematocrit and Sympathovagal Balance in Young Athletes During Different Sporting Seasons
AA Melnikov, AA Kilosov, AD Vikulov (Russia)

P0208 Red Blood Cell Aggregation under Adrenergic Action
IA Tikhomirova, AV Muravyov, EP Petrochenko, SG Mikhailova (Russia)

P0209 Specifics of Hemodynamics and Endothelium-Dependent Vasodilation in Patients with Inherent Platelet Dysfunction
VP Voznyuk (Ukraine)
Poster session III

Friday, 29 June 2007, 1:30 – 2:00 p.m.
Chairperson: R Sternitzky [Germany]

P0301 Distribution of Proteolytic, Apoptotic, and Angiogenic Factors in Athero-sclerotic Lesions in Relation to the Direction of Blood Flow
I Cicha, A Yilmaz, WG Daniel, M Goppelt-Struebe, CD Garlichs, [Germany]

P0302 Influence of Alcohol on Hemorheological Parameters and Platelet Function
M Fehr, WH Reinhart [Switzerland]

P0303 Sodium Selenite Administration Improves Intestinal Microcirculation without Affecting Cytokine Release in Experimental Endotoxemia
Ch Lehmann, S Rickert, M Gründling, T Usichenko, K Meissner, M Wendt, O Hung, M Murphy, D Pavlović [Canada]

P0304 Regulation of Para- and Transendothelial Barrier Function by Caveolin-1
R Kronstein, J Schäfer, J Seebach, H Schnittler [Germany]

P0305 MS-CT in Evaluation of Complex Cystic Renal Masses in Comparison to Contrast-Enhanced Ultrasound Findings
DA Clevert, M Staehler, EM Jung, C Stief, M Reiser [Germany]

P0306 Effects of CO₂-Gas on Microcirculation of the skin in patients with chronic venous insufficiency
B Arheilger, H Haase, M Jünger [Germany]

P0307 Measurement of RBC Aggregation in a Microchip Using Magnetic Stirring-assisted Cell Disaggregation Mechanism
S Shin, I Yang, JX Hou, JS Suh [Republic of Korea]

P0308 Compression Therapy for Secondary Arm Lymphedema
G Franke [Germany]

P0309 Age dependent changes of arterial wall viscoelasticity
N Antonova, P Antonov, M Antonova, N Nikolova, M Vlaskovska, L Kasakov [Bulgaria]
**Poster session IV**

**Friday, 29 June 2007, 4:30 – 5:00 p.m.**
Chairperson: T Gori (Italy)

**P0401 Blood Rheology at Term in Normal Pregnancy and in Patients with Adverse Outcome Events – Results from a Population Based Trial**
E Velten, A Teichmann, GF v Tempelhoff (Germany)

**P0402 The Effect of Aspirin on Hemorheological Parameters of Patients with Diabetic Retinopathy**
J Vékási, K Kolai, V Gaál, I Juricskay, G Késmárky (Hungary)

**P0403 Hemorheology in Stable Angina and Acute Coronary Syndrome: a Rheological Basis for Transition?**
BK Lee, T Alexy, RB Wenby, A Durairaj, A Mehra, HJ Meiselman (United States)

**P0404 Hemoglobin Levels During 2nd Trimester and at Term in Patients with Moderate and Severe Pre-Eclampsia**
E Velten, A Teichmann, GF v Tempelhoff (Germany)

**P0405 Erythrocyte Deformability Does not Seem to be Altered in Behcet’s Disease**
M Simó, JMª Ricart, M Santaolaria, J Todolí, A Vayá (Spain)

**P0406 Contrast Induced Nephropathy using Sodium Bicarbonate or Sodium Chloride and Isosmolar**
E Adolph, B Holdt-Lehmann, T Chatterjee, A Prott, P Schuff-Werner, CA Nienaber (Germany)

**P0407 Incidence of Transfusion Requiring Bleedings after Cardiac Surgery Operations**
M Knaut, K Matschke, C Georgi, D Zielse, S Brose, F Jung (Germany)

**P0408 Erythrocyte Deformability in Anaemic Patients with Reticulocytosis Determined by Means of Ectacytometric Techniques.**
M Simó, A Vayá, Mª Luz Pérez, D Corella, J Murado, M Santaolaria (Spain)
Adolph, E Medizinische Klinik, Abteilung Kardiologie und Vaskularmedizin, Universität Rostock, Rostock, Germany
Ahmadizad, S School of Sports and Exercise Sciences, Shahid Beheshti University, Tehran, Iran. Sport Science Research Centre, Ministry of Sciences, 41 Shaghayegh Street, Tehran, Iran.
Alexy, T University of Southern California, United States
Almeida, MM Institut for Ceramics and Glass Engineering, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro (Portugal)
Angelkort, B Klinikum Dortmund Medizinische Klinik Nord, Angiologie/Diabetologie, Germany
Antonov, P Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria
Antonova, M Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria
Antonova, N Institute of Mechanics and Biomechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev, bl.4, 1113 Sofia, Bulgaria; 1: Institute of Experimental Morphology and Anthropology with Museum, Bulgarian Academy of Sciences, bl.25, 1113 Sofia, Bulgaria
Arató, E University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary
Arheilger, B Klinik und Poliklinik für Hautkrankheiten der Ernst-Monitz-Arndt-Universität Greifswald
Arnold, K Inst. of Medical Physics and Biophysics, University Leipzig, Germany
Art, S University of Erciyes, Medical Faculty, Department of Physiology, Kayseri Turkey
Artoli, AM Faculdade de Medicina de Lisboa, Portugal
Aslankhani, MA School of Sports and Exercise Sciences, Shahid Beheshti University, Tehran, Iran.
Assert, R Zentrallabor, Universitätsklinik Essen, Germany
Athanassiou, G Biomedical Engineering Laboratory, Department of Mechanical Engineering and Aeronautics, University of Patras, Greece
Aydogan, S University of Erciyes, Medical Faculty, Department of Physiology, Kayseri Turkey
Bac, VH  Department of Anesthesia, Dalhousie University, Halifax, Canada
Baertl, A  Zentrallabor, Universitätsklinik Essen, Germany
Bakanova, IA  Department of Medicine and Biology, Pedagogical University, Yaroslavl, Russia
Balint, A  Institute of Surgery, Department of Operative Techniques and Surgical, University of Debrecen, Debrecen, Hungary
Bannikova, E  Haematological Research Center, Russian Academy of Medical Sciences, Russia
Barigou, M  School of Medicine and School of Engineering, University of Birmingham, United Kingdom
Baskurt, OK  Department of Physiology, Akdeniz University Faculty of Medicine, Antalya, Turkey; Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary; Keck School of Medicine, Los Angeles, CA, USA
Bauer, C  University Hospital of the Saarland, Germany
Bauer, WR  Medizinische Universitätsklinik, Würzburg
Berger, S  Department of Surgical Pediatrics, Inselspital, Bern, Schweiz
Bloch, W  Department of Molecular and Cellular Sport Medicine, Institute of Cardiovascular Research and Sport Medicine, German Sport University Cologne, Germany
Bogar, L  1st Department of Medicine, University of Pécs, Hungary
Bohnenstengel, S  Department of Anesthesia, Dalhousie University, Halifax, Canada
Boschi, L  Dipartimento di Medicina Interna, Cardiovascolare e Geriatria – Università degli Studi di Siena, Italy
Bouman, AA  Dept. of Clin Chem, VUMC, Amsterdam, the Netherlands
Bracht, H  Division of Intensive Care, Department of Anesthesia, Inselspital, Bern, Schweiz
Brand, S  Division of Intensive Care, Department of Anesthesia, Inselspital, Bern, Schweiz
Brath, E  Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary
Bravi, A  University of Siena, Italy
Brixius, K  Department of Molecular and Cellular Sport Medicine, Institute of Cardiovascular Research and Sport Medicine, German Sport University Cologne, Germany

Brose, S  Department of Cardiac Surgery, Heart Center Dresden, Technical University of Dresden

Browski, Z  Departament of Rehabilitation, Academy of Physical Education, Kraków, Poland

Brzostek, T  Faculty of Health Care, Jagiellonian University Medical College, Poland

Bulaeva, SV  Department of Medicine and Biology, Pedagogical University, Yaroslavl, Russia

Caimi, G  Dipartimento di Medicina Interna, Malattie Cardiovascolari e Nefrourologiche, Università di Palermo, Italy

Cappelli, R  Dipartimento di Medicina Interna, Cardiovascolare e Geriatrica - Università degli Studi di Siena, Italy

Carollo, C  Dipartimento di Medicina Interna, Malattie Cardiovascolari e Nefrourologiche, Università di Palermo, Italy

Chatterjee, T  Medizinische Klinik, Abteilung Kardiologie und Vaskularmedizin, Universität Rostock, Rostock, Germany

Cheporov, SV  State University, Yaroslavl, Russia

Cicha, I  Medical Clinic 2, University of Erlangen-Nuremberg, Erlangen, Germany

Clevert, DA  Interdisziplinäres Ultraschall-Zentrum, Institut für Klinische Radiologie, Klinikum der Universität München-Grosshadern, Marchioninistr. 15 , 81377 München

Çomu, FM  University of Erciyes, Faculty of Pharmacy, Turkey

Connes, P  Laboratory ACTES (EA 3596), Department of Physiology, University of the French West Indies, Guadeloupe (FWI)

Corbacelli, C  Dept. of Biomedical Sciences & Technology - Area of Human Physiological Functions - School of Medicine - University of L’Aquila – Via Vetoio – Coppito

Corella, D  Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain

Costa, MEV  Institut for Ceramics and Glass Engineering, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro [Portugal]

Cuckanov, FA  State University, Yaroslavl, Russia
Damianov, P  Department of Neurology, Medical University, Sofia, Bulgaria
Daniel, WG  Medical Clinic 2, University of Erlangen-Nuremberg, Erlangen, Germany
De Amicis, D  Dept. of Biomedical Sciences & Technology - Area of Human Physiological Functions - School of Medicine - University of L'Aquila – Via Vetoio – Coppito
de Oliveira, S  Instituto de Biopatologia Química, Unidade Biopatologia Vascular, Instituto de Medicina Molecular, Faculdade de Medicina de Lisboa, Portugal
Di Massimo, C  Dept. of Biomedical Sciences & Technology - Area of Human Physiological Functions - School of Medicine - University of L'Aquila – Via Vetoio – Coppito
Di Stolfo, G  University of Siena, Italy
Dikov, I  Dept Obstetrics and Gynaecology, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria
Dimitrov, N  Department of Neurology, Medical University, Sofia, Bulgaria
Dimitrova, V  Department of Neurology, Medical University, Sofia, Bulgaria
Domashenko, M  Institute of Neurology, Russia
Dragoni, S  University of Siena, Italy
Drozd, NN  Haematological Research Center, Russian Academy of Medical Sciences, Russia
Durairaj, A  University of Southern California, United States
Eichler, H  University Hospital of the Saarland, Germany
Engelhorn, T  Neuroradiologie, Universität Essen
Ertl, G  Medizinische Universitätsklinik, Würzburg
Fehr, M  Kantonsspital Graubünden, Department of Internal Medicine, 7000, Chur, Switzerland
Feuerbach, S  Institute of Diagnostic Radiology, University Hospital Regensburg, Germany
Fineschi, M  University of Siena, Italy
Fink, J  University of Ulm, Dept. of Biomaterials, Germany
Fisher, TC  University of Southern California, United States
Foldesi, R  Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary
Forconi, S  Dipartimento di Medicina Interna, Cardiovascolare e Geriatrica – Università degli Studi di Siena, Italy
Fornal, M  
Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland

Franke, RP  
Dept of Biomaterials /ZBMT, University of Ulm, Albert-Einstein-Allee 47, 89081 Ulm; Center for Biomaterial Development, GKSS Berlin-Teltow, Germany

Franzoni, F  
Sport Medicine Section of Internal Medicine Department, University of Pisa, Italy

Fuhrmann, R  
Central Institute for Biomedical Engineering, Department for Biomaterials, University of Ulm, Albert-Einstein-Allee 47, D-89081 Ulm [Germany]

Funk, R  
Institut für Anatomie der Medizinischen Fakultät Carl Gustav Carus der TU Dresden

Furka, A  
Institute of Surgery, Department of Operative Techniques and Surgical Research, University of Debrecen, Debrecen, Hungary

Furka, I  
Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary

Gaál, V  
Dept. Of Ophthalmology, University of Pécs, Medical School, Hungary

Gabbrielli, A  
Dipartimento Farmaco Chimico Tecnologico – Università degli Studi di Siena, Italy

Galabova, T  
Dept Physics and Biophysics, Medical Faculty, Medical University Sofia, Zdrave 2 Street,1431 Sofia, Bulgaria

Galetta, F  
Sport Medicine Section of Internal Medicine Department, University of Pisa, Italy

Galliard-Grigioni, KS  
Kantonsspital Graubünden, Department of Internal Medicine, 7000, Chur, Switzerland

Galuska, L  
Institute of Nuclear Medicine, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary

Garlichs, CD  
Medical Clinic 2, University of Erlangen-Nuremberg, Erlangen, Germany

Geis, S  
Institute of Trauma, Plastic and Reconstructive Surgery, University Hospital Regensburg, Germany

Georgi, C  
Department of Cardiac Surgery, Heart Center Dresden, Technical University of Dresden

Gerk, U  
Institute for Heart and Circulation Research, Hoyerswerda, Germany, Klinikum Pirna GmbH, Pirna, Germany

Giers, G  
Zentrallabor, Universitätsklinik Essen, Germany
Glotova, N  Institute of Neurology, Russia
Goppelt-Struebe, M  Medical Clinic 4, University of Erlangen-Nuremberg, Erlangen, Germany
Gori, T  Dipartimento di Medicina Interna Cardiovascolare Geriatrica
          Universita degli Studi di Siena, Italy
Górkiewicz, M  Faculty of Health Care, Jagiellonian University
          Medical College, Poland
Grau, T  Department of Surgical Pediatrics, Inselspital, Bern, Schweiz
Grodzicki, T  Department of Internal Medicine and Gerontology,
          Collegium Medicum, Jagiellonian University,
          Krakow, Poland
Gründling, M  Department of Anesthesia, Dalhousie University,
          Halifax, Canada
Gulyas, A  Institute of Surgery, Department of Operative
          Techniques and Surgical Research, Medical and
          Health Science Center, University of Debrecen,
          Debrecen, Hungary
Haase, H  Klinik und Poliklinik für Hautkrankheiten der Ernst-
          Moritz-Arndt-Universität Greifswald
Hadjieva, S  4Dept Clinical Laboratory and Immunology,
          Medical Faculty, Medical University Sofia, Zdrave 2
          Street, 1431 Sofia, Bulgaria
Hahn, M  Hautarztpraxis, Germany
Hardeman, MR  Dept. of Physiology, Amsterdam, the Netherlands
Hardy-Dessources, MD  Laboratory ACTES (EA 3596), Department of
          Physiology, University of the French West Indies,
          Guadeloupe (FWI)
Hassanloei, H  School of Sports and Exercise Sciences, Shahid
          Beheshti University, Tehran, Iran.
Hering, J  Klinikum Dortmund Medizinische Klinik Nord,
          Angiologie/Diabetologie, Germany
Heusch, G  Institut für Pathophysiologie, Universität Essen,
          Germany
Hiebl, B  Institute for Biological Interfaces at the
          Forschungszentrum Karlsruhe GmbH, Member of
          the Helmholtz Community, Hermann-von-
          Helmholtz-Platz 1, D-76344 Eggenstein-
          Leopoldshafen [Germany]
Hiller, KH  Physikalisches Institut, Universität Würzburg
Hodis, HN  University of Southern California, United States
Hohlfeld, T  Zentrallabor, Universitätsklinik Essen, Germany
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holdt, B</td>
<td>Institute of Clinical Chemistry and Laboratory Medicine, University of Rostock, Medical Faculty, Ernst-Heydemann-Str. 6, D-18057 Rostock, Germany</td>
</tr>
<tr>
<td>Holdt-Lehmann, B</td>
<td>Institut für Klinische Chemie und Laboratoriumsmmedizin, Universität Rostock, Rostock, Germany</td>
</tr>
<tr>
<td>Hou, JX</td>
<td>Korea University, Korea</td>
</tr>
<tr>
<td>Hue, O</td>
<td>Laboratory ACTES [EA 3596], Department of Physiology, University of the French West Indies, Guadeloupe (FWI)</td>
</tr>
<tr>
<td>Hung, O</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Ibrahim, K</td>
<td>School of Sports and Exercise Sciences, Shahid Beheshti University, Tehran, Iran</td>
</tr>
<tr>
<td>Imre, S</td>
<td>3rd Department of Internal Medicine, Research Group of Gerontology Medical and Health Science Center, University of Debrecen</td>
</tr>
<tr>
<td>Ionova, V</td>
<td>Institute of Neurology RAMS, Russia</td>
</tr>
<tr>
<td>Ivanov, I</td>
<td>Institute of Mechanics and Biomechanics, Bulgarian Academy of Sciences, Acad. G.Bonchev, bl.4, 1113 Sofia, Bulgaria; 1: Institute of Experimental Morphology and Anthropology with Museum, Bulgarian Academy of Sciences, bl.25, 1113 Sofia, Bulgaria</td>
</tr>
<tr>
<td>Ivanov, I</td>
<td>Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria</td>
</tr>
<tr>
<td>Jakob, J</td>
<td>Division of Intensive Care, Department of Anesthesia, Inselspital, Bern, Schweiz</td>
</tr>
<tr>
<td>Jancsó, G</td>
<td>University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary</td>
</tr>
<tr>
<td>Janke, A</td>
<td>Heart Center Dresden, Technical University of Dresden</td>
</tr>
<tr>
<td>Jovtchev, S</td>
<td>Dept Physics and Biophysics, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria</td>
</tr>
<tr>
<td>Jung, EM</td>
<td>Institute of Diagnostic Radiology, University Hospital Regensburg, Germany, Interdisziplinäres Ultraschall-Zentrum, Institut für Klinische Radiologie, Klinikum der Universität München-Grosshadern, Marchioninistr. 15, 81377 München</td>
</tr>
</tbody>
</table>
Jung, F  Institute for Heart and Circulation Research, 02977 Hoyerswerda, Germany; Center for Biomaterial Development, GKSS Research Center, 14513 Teltow, Germany; Department of Cardiac Surgery, Heart Center Dresden, Technical University of Dresden; BCRT, Charité Berlin, Germany*

Jünger, M  Klinik und Poliklinik für Hautkrankheiten der Ernst-Moritz-Arndt-Universität Greifswald

Juricskay, I 1st Dept. of Medicine, University of Pécs, Medical School, Hungary

Kabanov, AV  Department of Clinical Pharmacology, Medical Academy, Yaroslavl, Russia

Kaliviotis, E  King’s College London, United Kingdom

Karnabatidis, D  Department of Medicine, Section of Radiology, Patras University Medical School, Patras, Greece

Kasakov, L  Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria

Kasza, G  University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary

Katsanos, K  Department of Medicine, Section of Radiology, Patras University Medical School, Patras, Greece

Kayser, A  University Hospital of the Saarland, Germany

Kenyeres, P 1st Department of Medicine, University of Pécs, Hungary

Késmárky, G 1st Dept. of Medicine, University of Pécs, Medical School, Hungary

Kessle, U  Department of Surgical Pediatrics, Inselspital, Bern, Schweiz

Kilosov, AA  State Pedagogical University,. 150000 Yaroslavl, Russia

Kim, HK  Korea University, Korea

Kitta, D  Hochschule Zittau/Görlitz (FH)

Klimek, P  Department of Surgical Pediatrics, Inselspital, Bern, Schweiz

Klotz, T  Department of Urology, Klinikum Weiden, Weiden, Germany

Knaut, M  Department of Cardiac Surgery, Heart Center Dresden, Technical University of Dresden

Kneser, M  Ernst-Moritz-Arndt-University Greifswald, Ferdinand-Sauerbruch-Straße, 17475 Greifswald, Germany

Koehler, B  Klinikum Quedlinburg, Germany
Kolarov, D  
1Dept Physics and Biophysics, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria

Kollár, L  
University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary

Koltai, K  
1st Dept. of Medicine, University of Pécs, Medical School, Hungary

Kopp, B  
University Hospital of the Saarland, Germany

Kopp, R  
Interdisziplinäres Ultraschall-Zentrum, Institut für Klinische Radiologie, Klinikum der Universität München-Grosshadern, Marchioninistr. 15, 81377 München

Korbut, RA  
Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland

Kostyreva, M  
Institute of Neurology RAMS, Russia

Kovács, Á  
3rd Department of Internal Medicine, Research Group of Gerontology Medical and Health Science Center, University of Debrecen,

Kovacs, J  
Department of Pathology, University of Debrecen, Debrecen, Hungary

Kovalev, G  
Institute of applied mechanics of RAS, Russian Federation

Kowalski, R  
Faculty of Health Care, Jagiellonian University Medical College, Poland

Kronstein, R  
Institute of Physiology, Medical Faculty, TU-Dresden, Germany

Kubale, R  
Institute for Radiology and Nuclear Medicine, Ringstr. 60-64, 66953 Pirmasens

Kürthy, M  
University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary

Küstner, M  
Ernst-Moritz-Arndt-University Greifswald, Ferdinand-Sauerbruch-Straße, 17475 Greifswald, Germany

Lambreva, L  
4Dept Clinical Laboratory and Immunology, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria

Lamby, P  
Institute of Trauma, Plastic and Reconstructive Surgery, University Hospital, Regensburg, Germany

Lapikova, ES  
Haematological Research Center, Russian Academy of Medical Sciences, Russia

Lee, BK  
University of Southern California, United States
Lehmann, C  Department of Anesthesia, Dalhousie University, Halifax, Canada
Lehmann, JK  Department of Physical Chemistry, University of Rostock, Albert-Einstein-Str. 30, D-18051 Rostock, Germany
Leithäuser, B  Division of Cardiology/Angiology, Hoyerswerda Hospital, Hoyerswerda, Germany; Institute for Heart and Circulation Research, Hoyerswerda, Germany
Lekka, M  Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland
Levin, VN  Yaroslavl State Pedagogical University, Russia
Levitus, M  Dept. of Clin Chem, VUMC, Amsterdam, the Netherlands
Lind, L  Dept of Medical Informatics and Bioengineering, Uppsala University Hospital, Uppsala, Sweden
Lindequist, U  Department of Anesthesia, Dalhousie University, Halifax, Canada
Linderkamp, O  Universitätskinderklinik Heidelberg, Abt. Neonatologie, Germany
Lisi, M  University of Siena, Italy
LoPresti, R  Dipartimento di Medicina Interna, Malattie Cardiovascolari e Nefrourologiche, Università di Palermo, Italy
Losert, U  Decentralized Biomedical Facilities, Medical University of Vienna, Austria
Luz Pérez, Mª  Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain
Mack, WJ  University of Southern California, United States
Maimistova, AA  Department of Medicine and Biology, Pedagogical University, Yaroslavl, Russia
Makarov, VA  Haematological Research Center, Russian Academy of Medical Sciences, Russia
Marchewka, A  Departament of Rehabilitation, Academy of Physical Education, Kraków, Poland; Faculty of Health Care, Jagiellonian University Medical College, Poland
Martins e Silva, J  Instituto de Biopatologia Química, Unidade Biopatologia Vascular, Instituto de Medicina Molecular, Faculdade de Medicina de Lisboa, Portugal
Matschke, K  Department of Cardiac Surgery, Heart Center Dresden, Technical University of Dresden
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximova, M</td>
<td>Institute of Neurology RAMS, Russia</td>
</tr>
<tr>
<td>Mehra, A</td>
<td>University of Southern California, United States</td>
</tr>
<tr>
<td>Meiselman, HJ</td>
<td>Department of Physiology and Biophysics, Keck School of Medicine, University of Southern California, Los Angeles, USA; Akdeniz University Faculty of Medicine, Antalya, Turkey; Keck School of Medicine, Los Angeles, CA, USA</td>
</tr>
<tr>
<td>Meissner, K</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Mellwig, KP</td>
<td>Herz- und Diabeteszentrum NRW, Ruhr-Universität Bochum, 32545 Bad Oeynhausen, Germany</td>
</tr>
<tr>
<td>Melnikov, AA</td>
<td>State Pedagogical University, 150000 Yaroslavl, Russia</td>
</tr>
<tr>
<td>Merla, A</td>
<td>ITAB - Institute for Advanced Biomedical Imaging, University of Chieti-Pescara, Italy</td>
</tr>
<tr>
<td>Mestechkina, NM</td>
<td>Haematological Research Center, Russian Academy of Medical Sciences, Russia</td>
</tr>
<tr>
<td>Mikhailova, SG</td>
<td>Yaroslavl State Pedagogical University, Russia</td>
</tr>
<tr>
<td>Miko, I</td>
<td>Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary.</td>
</tr>
<tr>
<td>Mladenova, A</td>
<td>4Dept Clinical Laboratory and Immunology, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria</td>
</tr>
<tr>
<td>Monsees, TK</td>
<td>Institut für Anatomie der Medizinischen Fakultät Carl Gustav Carus der TU Dresden</td>
</tr>
<tr>
<td>Moutzouri, A</td>
<td>Biomedical Engineering Laboratory, Department of Mechanical Engineering and Aeronautics, University of Patras, Greece</td>
</tr>
<tr>
<td>Mrowietz, C</td>
<td>Institute for Heart and Circulation Research, 02977 Hoyerswerda, Germany, Institute of Physiology, University of Technology Dresden, Germany</td>
</tr>
<tr>
<td>Murado, J</td>
<td>Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain</td>
</tr>
<tr>
<td>Muravyov, AV</td>
<td>Department of Medicine and Biology, Pedagogical University, Yaroslavl, Russia</td>
</tr>
<tr>
<td>Murphy, M</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Naumenko, A</td>
<td>Institute of applied mechanics of RAS, Russian Federation</td>
</tr>
<tr>
<td>Naumenko, V</td>
<td>Institute of applied mechanics of RAS, Russian Federation</td>
</tr>
</tbody>
</table>
Negrean, M  
Institute of Surgery, Department of Operative Techniques and Surgical Research, University of Debrecen, Debrecen, Hungary

Nemeth, N  
Institute of Trauma, Plastic and Reconstructive Surgery, University Hospital Regensburg, Germany

Nerlich, M  
Institute of Trauma, Plastic and Reconstructive Surgery, University Hospital Regensburg, Germany

Neu, B  
School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore

Nienaber, CA  
Medizinische Klinik, Abteilung Kardiologie und Vaskularmedizin, Universität Rostock, Rostock, Germany

Nikolova, G  
Department of Neurology, Medical University, Sofia, Bulgaria

Nikolova, N  
Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria

Oldenburg, J  
Zentrallabor, Universitätsklinik Essen, Germany

Orlov, S  
Institute of Neurology, Russia

Özkucur, N  
Institut für Anatomie der Medizinischen Fakultät Carl Gustav Carus der TU Dresden

Pais, E  
University of Southern California, United States

Park, JW  
Division of Cardiology/Angiology, Hoyerswerda Hospital, Hoyerswerda, Germany; Institute for Heart and Circulation Research, Hoyerswerda, Germany; Centre for Biomaterial Development

Pavlovic, D  
Department of Anesthesia, Dalhousie University, Halifax, Canada

Pelliccia, A  
J v Breemen Institut, Amsterdam, the Netherlands

Penev, M  
4Dept Clinical Laboratory and Immunology, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria

Peters, S  
Klinikum Quedlinburg, Germany

Peto, K  
Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary

Petrochenko, EP  
Yaroslavl State Pedagogical University, Russia

Petrulie, S  
Herz- und Diabeteszentrum NRW, Bad Oeynhausen, Germany

Pindur, G  
Klinische Haemostaseologie und Transfusionsmedizin, Universität des Saarlandes, D-66421 Homburg (Saar)
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plasenzotti, R</td>
<td>Decentralized Biomedical Facilities, Medical University of Vienna, Austria</td>
</tr>
<tr>
<td>Plötze, K</td>
<td>Herzzentrum Dresden GmbH Universitätsklinik</td>
</tr>
<tr>
<td>Pompei, A</td>
<td>Dept. of Biomedical Sciences &amp; Technology - Area of Human Physiological Functions - School of Medicine - University of L’Aquila - Via Vetoio - Coppito</td>
</tr>
<tr>
<td>Pöschl, JMB</td>
<td>Universitätskinderklinik Heidelberg, Abt. Neonatologie, Germany</td>
</tr>
<tr>
<td>Prantl, L</td>
<td>Institute of Trauma, Plastic and Reconstructive Surgery, University Hospital, Regensburg, Germany</td>
</tr>
<tr>
<td>Prött, A</td>
<td>Medizinische Klinik, Abteilung Kardiologie und Vaskularmedizin, Universität Rostock, Rostock, Germany</td>
</tr>
<tr>
<td>Pyka-Fociak, G</td>
<td>Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland</td>
</tr>
<tr>
<td>Reidenbach, C</td>
<td>Department of Molecular and Cellular Sport Medicine, Institute of Cardiovascular Research and Sport Medicine, German Sport University Cologne, Germany</td>
</tr>
<tr>
<td>Reinhart, WH</td>
<td>Kantonsspitale Graubünden, Department of Internal Medicine, 7000, Chur, Switzerland</td>
</tr>
<tr>
<td>Reiser, M</td>
<td>Interdisziplinäres Ultraschall-Zentrum, Institut für Klinische Radiologie, Klinikum der Universität München-Grosshadern, Marchionininstr. 15, 81377 München</td>
</tr>
<tr>
<td>Ricart, JM ª</td>
<td>Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain</td>
</tr>
<tr>
<td>Rickert, S</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Riha, P</td>
<td>Institute of Hydrodynamics, Academy of Sciences of the Czech Republic, Pod Patankou 3015, 16612 Prague, Czech Republic</td>
</tr>
<tr>
<td>Röder, B</td>
<td>Decentralized Biomedical Facilities, Medical University of Vienna, Austria</td>
</tr>
<tr>
<td>Romani, GL</td>
<td>ITAB - Institute for Advanced Biomedical Imaging, University of Chieti-Pescara, Italy</td>
</tr>
<tr>
<td>Rossi, M</td>
<td>Sport Medicine Section of Internal Medicine Department, University of Pisa, Italy</td>
</tr>
<tr>
<td>Röth, E</td>
<td>University Department of General and Vascular Surgery, Faculty of Medicine, University of Pécs, Hungary</td>
</tr>
</tbody>
</table>
Ruef, P
Universitätskinderklinik Heidelberg, Abt. Neonatologie, Germany

Sajtos, E
Institute of Surgery, Department of Operative Techniques and Surgical, University of Debrecen, Debrecen, Hungary

Saldanha, C
Instituto de Biopatologia Química, Unidade Biopatologia Vascular, Instituto de Medicina Molecular, Faculdade de Medicina de Lisboa, Portugal

Sandhagen, B
Dept of Medical Sciences and Dept of Medical Informatics and Bioengineering, Uppsala University Hospital, Uppsala, Sweden

Santaolaria, M
Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain

Santoro, G
Sport Medicine Section of Internal Medicine Department, University of Pisa, Italy

Savov, Y
Institute of Mechanics and Biomechanics, Bulgarian Academy of Sciences, Acad. G.Bonchev, bl.4, 1113 Sofia, Bulgaria; 1: Institute of Experimental Morphology and Anthropology with Museum, Bulgarian Academy of Sciences, bl.25, 1113 Sofia, Bulgaria

Scarpelli, P
Dept. of Vascular Surgery, S.Salvatore Hospital, Italy

Schade, I
Herzzentrum Dresden GmbH Universitätsklinik

Schäfer, J
Institute of Physiology, University of Technology Dresden, Germany

Scherbukhin, VD
Haematological Research Center, Russian Academy of Medical Sciences, Russia

Schilling, MK
University Hospital of the Saarland, Germany

Schnittler, HJ
Institute of Physiology, University of Technology Dresden, Germany

Schuff-Werner, P
Institute of Clinical Chemistry and Laboratory Medicine, University of Rostock, Medical Faculty, Ernst-Heydemann-Str. 6, D-18057 Rostock, Germany

Schühlen, H
Deutsches Herzzentrum, Lazarettstr. 36, 80636 Munchen, Germany

Schulz, R
Institut für Pathophysiologie, Universität Essen

Schwinger, RHG
Department of Cardiology, Klinikum Weiden, Weiden, Germany

Seebach, J
Institute of Physiology, Medical Faculty, TU-Dresden, Germany

Sequeira, A
Faculdade de Medicina de Lisboa, Portugal
Styczen, J  Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland
Suh, JS  Korea University, Korea
Szabo, GY  Institute of Surgery, Department of Operative Techniques and Surgical, University of Debrecen, Debrecen, Hungary
Szikszai, Z  Laboratory of Debrecen Health Service Public Benefit Company, Hungary
Takalla, J  Division of Intensive Care, Department of Anesthesia, Inselspital, Bern, Schweiz
Tanashyan, M  Institute of Neurology RAMS, Russia
Tarsoly, P  1st Department of Medicine, University of Pécs, Hungary
Teichmann, A  Dept Obstet. Gynecol. City Hospital of Aschaffenburg; Germany – teaching hospital of the University of Wuerzburg
Telegów, A  Departament of Rehabilitation, Academy of Physical Education, Kraków, Poland; Faculty of Health Care, Jagiellonian University Medical College, Poland
Tikhomirova, IA  Yaroslavl State Pedagogical University, Russia
Titianova, E  Department of Neurology, Military Medical Academy, Sofia
Todoli, J  Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain
Tolstenkov, AS  Haematological Research Center, Russian Academy of Medical Sciences, Russia
Tost, F  Ernst-Moritz-Arndt-Universität Greifswald, Ferdinand-Sauerbruch-Straße 17475 Greifswald, Germany
Toth, K  1st Department of Medicine, University of Pécs, Hungary
Tozzi Ciancarelli, MG  Dept. of Biomedical Sciences & Technology - Area of Human Physiological Functions - School of Medicine - University of L’Aquila – Via Vetoio – Coppito
Travagli, V  Dipartimento Farmaco Chimico Tecnologico – Università degli Studi di Siena, Italy
Trifonova, N  Dept Biology, Medical Faculty, Medical University Sofia, Zdrave 2 Street, 1431 Sofia, Bulgaria
Tripette, J  Laboratory ACTES [EA 3596], Department of Physiology, University of the French West Indies, Guadeloupe (FWI)
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Truemmel, M</td>
<td>Klinikum Guedlinburg, Germany</td>
</tr>
<tr>
<td>Tschoepe, D</td>
<td>Herz- und Diabeteszentrum NRW, Bad Oeynhausen, Germany</td>
</tr>
<tr>
<td>Ulmer, A</td>
<td>Heart Center Dresden, Germany</td>
</tr>
<tr>
<td>Usichenko, T</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Vanyolos, E</td>
<td>Institute of Surgery, Department of Operative Techniques and Surgical Research, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary</td>
</tr>
<tr>
<td>Várady, É</td>
<td>Institute of Nuclear Research of the Hungarian Academy of Sciences, Debrecen, Hungary</td>
</tr>
<tr>
<td>Varlamov, VP</td>
<td>Haematological Research Center, Russian Academy of Medical Sciences, Russia</td>
</tr>
<tr>
<td>Vayá, A</td>
<td>Hemorheology and Thrombosis Unit, Department of Clinical Pathology, La Fe University Hospital, Spain</td>
</tr>
<tr>
<td>Vékási, J</td>
<td>Dept. Of Ophthalmology, University of Pécs, Medical School, Hungary</td>
</tr>
<tr>
<td>Velcheva, I</td>
<td>Department of Neurology, Medical University, Sofia, Bulgaria</td>
</tr>
<tr>
<td>Velten, E</td>
<td>Dept Obstet. Gynecol. City Hospital of Aschaffenburg; Germany – teaching hospital of the University of Wuerzburg</td>
</tr>
<tr>
<td>Vikulov, AD</td>
<td>State Pedagogical University., 150000 Yaroslavl, Russia</td>
</tr>
<tr>
<td>Vlaskovska, M</td>
<td>Institute of Mechanics, Bulgarian Academy of Sciences, Acad. G. Bonchev Bl. 4, 1113 Sofia, Bulgaria</td>
</tr>
<tr>
<td>von Tempelhoff, GF</td>
<td>Dept Obstet. Gynecol. City Hospital of Aschaffenburg; Germany – Teaching hospital of the University of Wuerzburg</td>
</tr>
<tr>
<td>Voznyuk, VP</td>
<td>Institute of Hematology and Transfusiology, Ukraine</td>
</tr>
<tr>
<td>Vrsansky, M</td>
<td>Institute for Heart and Circulation Research</td>
</tr>
<tr>
<td>Waldow, T</td>
<td>Heart Center Dresden, Germany</td>
</tr>
<tr>
<td>Waller, C</td>
<td>Medizinische Universitätsklinik, Würzburg</td>
</tr>
<tr>
<td>Watts, T</td>
<td>School of Engineering, University of Birmingham, United Kingdom</td>
</tr>
<tr>
<td>Weinrich, M</td>
<td>University Hospital of the Saarland, Germany</td>
</tr>
<tr>
<td>Wenby, RB</td>
<td>University of Southern California, United States</td>
</tr>
<tr>
<td>Wendt, W</td>
<td>Department of Anesthesia, Dalhousie University, Halifax, Canada</td>
</tr>
<tr>
<td>Wenzel, F</td>
<td>Zentrallabor, Universitätsklinik Essen, Germany</td>
</tr>
<tr>
<td>Name</td>
<td>Institution and Address</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Werth, S</td>
<td>Institute of Physiology, University of Technology Dresden, Germany</td>
</tr>
<tr>
<td>Wetzel, C</td>
<td>Hochschule Zittau/Görlitz (FH)</td>
</tr>
<tr>
<td>Windberger, U</td>
<td>Decentralized Biomedical Facilities, Medical University of Vienna, Austria</td>
</tr>
<tr>
<td>Windischmann, S</td>
<td>University Hospital of the Saarland, Germany</td>
</tr>
<tr>
<td>Witt, W</td>
<td>Heart Center Dresden, Germany</td>
</tr>
<tr>
<td>Wizner, B</td>
<td>Department of Internal Medicine and Gerontology, Collegium Medicum, Jagiellonian University, Krakow, Poland</td>
</tr>
<tr>
<td>Yakusevich, VV</td>
<td>Department of Clinical Pharmacology, Medical Academy, Yaroslavl, Russia</td>
</tr>
<tr>
<td>Yalcin, O</td>
<td>Department of Physiology, Akdeniz University Faculty of Medicine, Antalya, Turkey</td>
</tr>
<tr>
<td>Yang, I</td>
<td>Korea University, Korea</td>
</tr>
<tr>
<td>Yang, Y</td>
<td>School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore</td>
</tr>
<tr>
<td>Yaplar, H</td>
<td>University of Erciyes, Medical Faculty, Department of Physiology, Kayseri Turkey</td>
</tr>
<tr>
<td>Yerer, MB</td>
<td>University of Erciyes, Faculty of Pharmacy, Turkey</td>
</tr>
<tr>
<td>Yianneskis,</td>
<td>King’s College London, United Kingdom</td>
</tr>
<tr>
<td>Yilmaz, A</td>
<td>Medical Clinic 2, University of Erlangen-Nuremberg, Erlangen, Germany</td>
</tr>
<tr>
<td>Zachariou, Z</td>
<td>Department of Surgical Pediatrics</td>
</tr>
<tr>
<td>Zanardi, I</td>
<td>Dipartimento Farmaco Chimico Tecnologico – Università degli Studi di Siena, Italy</td>
</tr>
<tr>
<td>Zdumaeva, NP</td>
<td>Yaroslavl State Pedagogical University, Russia</td>
</tr>
<tr>
<td>Zewinger, S</td>
<td>Klinische Haemostaseologie und Transfusionsmedizin, Universität des Saarlandes, D-66421 Homburg (Saar)</td>
</tr>
<tr>
<td>Zhengwen, Z</td>
<td>School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore</td>
</tr>
<tr>
<td>Zielske, D</td>
<td>Institute for Clinical Hemostasis and Transfusion Medicine, University of Saarland, Germany</td>
</tr>
<tr>
<td>Zimmermann, N</td>
<td>Zentrallabor, Universitätsklinik Essen, Germany</td>
</tr>
<tr>
<td>Zschörning, O</td>
<td>Inst. of Medical Physics and Biophysics, University Leipzig, Germany</td>
</tr>
<tr>
<td>Zvetkova, E</td>
<td>Institute of Mechanics and Biomechanics, Bulgarian Academy of Sciences, Acad. G.Bonchev, bl.4, 1113 Sofia, Bulgaria; 1: Institute of Experimental Morphology and Anthropology with Museum, Bulgarian Academy of Sciences, bl.25, 1113 Sofia, Bulgaria</td>
</tr>
</tbody>
</table>
SIGHTSEEING-TOUR Dresden

Thursday, 28 June 2007
Departure 6:00 p.m.

Dresden (etymologically from Old Sorbian Drežďany, meaning people of the riverside forest) is the capital city of the German Federal Free State of Saxony. It is situated in a valley on the River Elbe. The Dresden conurbation is part of the Saxon Triangle metropolitan area.

Dresden has a long history as the capital and royal residence for the Kings of Saxony, who for centuries furnished the city with cultural and artistic splendour. The controversial bombing of Dresden in World War II, plus 40 years in the Soviet bloc state of East Germany, changed the face of the city dramatically.

Since German re-unification, Dresden has emerged as a cultural, political, and economic centre in the eastern part of the Federal Republic of Germany.

Dresden lies on both banks of the river Elbe, mostly in the Dresden Elbe Valley Basin, with the further reaches of the eastern Ore Mountains to the south, the steep slope of the Lusatian granitic crust to the north, and the Elbe Sandstone Mountains to the east at an altitude of about 113 meters. The highest point of Dresden is about 384 meters in altitude.

With a pleasant location and a mild climate on the Elbe, as well as Baroque-style architecture, Dresden has been called "Elbflorenz" (Florence of the Elbe).

The incorporation of neighbouring rural communities over the past 60 years has made Dresden the fourth largest urban district in Germany after Berlin, Hamburg, and Cologne.

We invite you to a guided sightseeing tour through this marvellous town.

Please note that there is a limited number of participants, so please book in time.
**Social event**

**Gala dinner**

Friday, 29 June 2007  
Departure 6:00 p.m.

**Pillnitz Palace and Park**

*English Garden and Pavilion* – In 1778, Friedrich August the Just acquired the land to the north-west in order to create a garden in the English style where, instead of the garden representing absolutist power symbolised by geometrical shapes, nature itself was the theme. The English Pavilion but by Schade in 1780 is an adaptation of the Tempietto di San Pietro in Rome, created about 1500 by Donato Bramante. Its design also expresses the esteem in which nature and art were held by the monarch who commissioned the work. The bronze replica of Juno Ludovisi on the island was placed the in the 19th century.

*The Dutch Garden* – Owing to his interest in the science of horticulture, Friedrich August III built greenhouses on the land north of the palace garden, which he had purchased in 1785. These housed plants that were brought, in particular, from Dutch Cape Colonies. In 1800 a Botanical School was established.

*Chinese Garden and Pavilion* – Acquisition of additional land in 1790 made it possible to integrate the pond, located to the north, from which the fountain in the Pleasure Garden was fed. As a landscape garden, this section of the garden is named after the Chinese Pavilion built 1804. The architecture of the pavilion is based on the architectural drawings od William Chambers and is thus the best German example of an authentic approach to China and Chinese art. The inside of the pavilion is decorated with realistic painting of Chinese landscape.

Please note that there is a limited number of participants, so please book in time.
Sponsors

Advanced Technologies Biomagnetics SrL, Pescara, Italy

B. Braun Medizintechnik GmbH

B. Braun Chemische AG, Berlin, Germany

Biotronik Vertriebs GmbH & Co. KG, Berlin, Germany

Daiichi Sankyo Europe / Lilly Critical Care Europe

Engtech GmbH, Ulm, Germany

Fresenius Kabi Deutschland GmbH, Bad Homburg, Germany

GE Healthcare Buchler GmbH & Co. KG, München, Germany

Imedos GmbH, Jena, Germany

Ingenieurbüro Dr. Heinrich Zeintl, Heidelberg, Germany

Integra Neurosciences GmbH, Ratingen, Germany

Mechatronics Instruments B.V., An Zwaag, The Netherlands

MOS-Technologie, Radebeul, Germany

MSD Sharp & Dohme GmbH, Haar, Germany

Myrenne GmbH, Roetgen, Germany

Novartis Pharma GmbH, Nürnberg, Germany

Novo Nordisk Pharma GmbH, Mainz, Germany

Organon GmbH, Oberschleißheim, Germany

Pfizer Pharma GmbH, Karlsruhe, Germany

RIEMSER Arzneimittel AG, Greifswald – Insel Riems, Germany
Contacts

President of the conference;
Friedrich Jung, PhD [Germany]

Scientific Secretary:
Jai-Wun Park, MD, PhD [Germany]

Organizing:
Organisatorische Beratung Radeberg
Ulrike Gerk
Zum Hahn 13
D-01454 Radeberg, Germany

Telefon:  +49 3528 487758
Telefax:  +49 3528 487993
Mobil:    +49 162 7361674
eMail:    info@eschm2007.org
Internet:  www.eschm2007.org