Prehypertension 2014 – Preliminary Program

Thursday, 27 March, 2014

14:00-18:00 Registration Hall A

18:00-20:00 Opening Ceremony and Get-Together Reception Exhibition Area

Stevo Julius
Division of Cardiovascular Medicine, Internal Medicine and Physiology, University of Michigan, Ann Arbor, MI, USA

Reuven Zimlichman
Brunner Institute for Cardiovascular Research, Wolfson Medical Center, Holon, Israel

Friday, 28 March, 2014

07:30 Registration

09:00-10:40 Plenary Opening Session: Prehypertension, Hypertension & CMS Hall A

Chairs: G. Mancia, Italy; R. Zimlichman, Israel

09:00 Greetings

09:10 PreHT, HT & CMS: Past and Future
Stevo Julius
Division of Cardiovascular Medicine, Internal Medicine and Physiology, University of Michigan, Ann Arbor, MI, USA

09:40 Treatment of Hypertension and Cardiometabolic Syndrome: What do Guidelines Say?
Giuseppe Mancia
Division and Department of Internal Medicine, San Gerardo Hospital, Monza, Italy

10:10 Time to Change Approach to Borderline CMS Conditions
Reuven Zimlichman
Brunner Institute for Cardiovascular Research, Wolfson Medical Center, Holon, Israel

10:40-11:10 Coffee Break, Exhibition Visit and E-Posters Viewing

11:10-13:30 Plenary Opening Session: Prehypertension, Hypertension & CMS (Cont.) Hall A

Chairs: S. Julius, USA; K. Narkiewicz, Poland

11:10 Pre-Hypertension and Subclinical Organ Damage
Andrzej Januszewicz
Department of Hypertension, Institute of Cardiology, Warsaw, Poland

11:40 The Changing Face of Sympathetic over Activity in Prehypertension and Hypertension
Stevo Julius
Division of Cardiovascular Medicine, Internal Medicine and Physiology, University of Michigan, Ann Arbor, MI, USA

12:10 Sleep Restriction, Prehypertension and Cardiometabolic Risk
Krzysztof Narkiewicz
Department of Hypertension and Diabetology, Medical University of Gdansk, Gdansk, Poland

12:40 HDL-Chol Lipoprotein Particles vs HDL-Cholesterol: Unmet Needs for CVD and Non-CVD Prediction
Daniel A. Duprez
Cardiovascular Division, University of Minnesota, Minneapolis, MN, USA

13:10 Discussion
Friday, 28 March, 2014 (Cont)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>13:30-14:30</td>
<td>Lunch Break, Exhibition Visit and E-Posters Viewing</td>
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<tr>
<td>14:30-16:30</td>
<td><strong>Plenary Session: Biomarkers and Development of Disease</strong>&lt;br&gt;Chairs: D.A. Duprez, USA; A. Januszewicz, Poland</td>
<td>Hall A</td>
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<td>14:30</td>
<td><strong>Markers of Preclinical Cardiovascular Disease for Risk Stratification: Any Role Beyond that of Established Risk Factors?</strong>&lt;br&gt;Giuseppe Schillaci&lt;br&gt;University of Perugia and Terni University Hospital, Terni, Italy</td>
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<td>14:55</td>
<td><strong>Vascular Biomarkers in Primary and Secondary Prevention</strong>&lt;br&gt;Thomas Weber&lt;br&gt;Department of Cardiology, Klinikum Wels-Grieskirchen, Wels, Austria</td>
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<td>15:20</td>
<td><strong>Lifestyle Intervention and Effect on Arterial Biomarkers</strong>&lt;br&gt;Arno Schmidt Trucksass&lt;br&gt;Institute of Exercise and Health Sciences (ISSW), Division Sports and Exercise Medicine&lt;br&gt;Medical Faculty, University Basel, Switzerland</td>
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<td>15:45</td>
<td><strong>Arterial Hypertension is the Most Important Risk Factor for PAD (Peripheral Arterial Disease)</strong>&lt;br&gt;Marianne Brodmann&lt;br&gt;Department of Medicine, Medical University Graz, Austria</td>
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<td>16:05</td>
<td><strong>Atherogenic Lipoproteins and the Metabolic Syndrome</strong>&lt;br&gt;Manfredi Rizzo&lt;br&gt;Biomedical Department of Internal Medicine and Medical Specialties, University of Palermo, Italy</td>
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<td>16:30-17:00</td>
<td>Coffee Break, Exhibition Visit and E-Posters Viewing</td>
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<td>17:00-18:20</td>
<td><strong>Plenary Session: Lessons from Population Studies</strong>&lt;br&gt;Chairs: D. Czarnecka, Poland, T. Rosenthal, Israel</td>
<td>Hall A</td>
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<td>17:00</td>
<td><strong>Optimal Blood Pressure Levels in the Elderly: The Results from the REGARDS Study and Meta-Analysis</strong>&lt;br&gt;Maciej Banach&lt;br&gt;Department of Hypertension, Medical University of Lodz, Poland</td>
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<td>17:20</td>
<td><strong>PREVER Prevention Trial: Predictors of Response to the Non-Drug Intervention Phase</strong>&lt;br&gt;Flavio D. Fuchs&lt;br&gt;Hospital de Clinicas de Porto Alegre, Brazil</td>
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<td>17:40</td>
<td><strong>PREVER Treatment Trial: Predictors of Response to the Non-Drug Intervention Phase</strong>&lt;br&gt;Sandra Fuchs&lt;br&gt;Hospital de Clinicas de Porto Alegre, Brazil</td>
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<td>18:00</td>
<td>Discussion</td>
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</table>
07:30 Registration

08:30-11:00 Plenary Session: Arterial Mechanisms
Chair: J.R. Cockroft, UK

08:30 The Value of Aortic PWV in Risk Prediction: A Meta-Analysis
Ian B. Wilkinson
School of Clinical Medicine, Cambridge University, Cambridge, UK

08:55 Ambulatory Central Blood Pressure
John R. Cockroft
Wales Heart Research Institute, University Hospital Cardiff, UK

09:20 Ethnic Differences in Prehypertension
Carmel McEniry
School of Clinical Medicine, Cambridge University, Cambridge, UK

09:45 Cuffless Continuous Blood Pressure Measurement by Using the Pulse Transit Time: Validation and Application of the Method in Obstructive Sleep Apnoea Syndrome
Andreas Patzak
Institut fuer Vegetative Physiologie, Charite-Universitaetsmedizin Berlin, Humboldt-Universitaet zu Berlin, Germany

10:10 Metabolic Syndrome (METS) Predicts Cardio- and Cerebrovascular Events in a Twenty Years Follow-up: A Prospective Study
Salvatore Novo
Department of Internal Medicine and Cardiovascular Diseases, University of Palermo, Italy

10:35 Discussion

11:00-11:30 Coffee Break, Exhibition Visit and E-Posters Viewing

11:30-13:00 Free Communications

11:30 Trend and Predictors of Arterial Compliance in a Group of Normotensive and Untreated Hypertensive Cameroonian Subjects in Yaounde
Joshua Walinjom
Internal Medicine, Yaounde Teaching Hospital, Yaounde, Center, Cameroon

11:45 Cardiovascular Health: A Cross-National Comparison between the Maine Syracuse Study (Central New York, USA) and ORISCAV-LUX (Luxembourg)
Georgina Crichton
Centre d’Etudes en Santé, Centre de Recherche Public Santé, Luxembourg

12:00 Association of Atherogenic Index of Plasma with Number of Metabolic Syndrome Risk Factors in Obese and Lean Adolescents: The Respect for Health Study
Katarina Sebekova
Institute of Molecular Biomedicine, Comenius University Medical Faculty, Bratislava, Slovakia

12:15 Glomerular Hyperfiltration in the Early Stage of Hypertension is Associated with an Increased Risk of Renal Damage
Olga Vriz
Department of Cardiology-Emergency, San Antonio Hospital, San Daniele Del Friuli, Udine, Italy

12:30 Pre-Hypertension and Hypertension Prevalence: Results of a Survey in Northern Italy Population Giuseppina
Maurizio Destro
Internal Medicine Unit, Medical Dept., Treviglio-Caravaggio Hospital, Treviglio (BG), Italy

12:45 Predictors of Decreasing Glomerular Filtration Rate and Prevalence of Chronic Kidney Disease after Treatment of Primary Aldosteronism: Renal Outcome of 213 Cases
Fumitoshi Satoh
Nephrology, Endocrinology and Vascular Medicine, Tohoku University Hospital, Sendai, Japan

13:00-14:00 Lunch Break, Exhibition Visit and E-Posters Viewing
Saturday, 29 March, 2014 (Cont)

14:00-15:30  Satellite Symposium:  
Sponsored by I.E.M. GmbH

**Part 1: TBA**  
John R. Cockcroft  
Wales Heart Research Institute, University Hospital Cardiff, Cardiff, UK

**Part 2: TBA**  
Daniel A. Duprez  
Cardiovascular Division, University of Minnesota, Minneapolis, MN, USA

**Part 3: TBA**  
Krzysztof Narkiewicz  
Department of Hypertension and Diabetology, Medical University of Gdansk, Gdansk, Poland

15:30-16:00  Coffee Break, Exhibition Visit and E-Posters Viewing

16:00-17:20  Plenary Session: Prehypertension & Hypertension  
Chairs: C. Erol, Turkey; T. Unger, Germany

16:00  The Protective Arm of the RAS: Therapeutic Implications  
Thomas Unger  
CARIM – School for Cardiovascular Diseases, Maastricht University, The Netherlands

16:20  Evidence Based Treatment in High Normal Blood Pressure: Is Evidence Enough now?  
Yuqing Zhang  
Division of Hypertension, Fu Wai Hospital, CAMS & PUMC, Beijing, China

16:40  Determinants of the Response to Sodium Loading  
Peter W. De Leeuw  
Department of Medicine, University Hospital Maastricht, Maastricht, The Netherlands

17:00  Genetic Basis of Early Cardiovascular Risk  
Pavel Hamet  
University of Montreal, Canada

17:20-18:05  Plenary Session: Blood Pressure Monitoring and Salt Effects  
Chairs: A. Tykarski, Poland; K. Widecka, Poland

17:20  Clinically Significant Variables that can be Derived from 24 Hour ABPM  
Michael Bursztyn  
Hadassah-Hebrew University Medical Center, Mount Scopus, Jerusalem, Israel

17:35  The Reproducibility of Dipping Status: Beyond the Cutoff Points  
Hilton Chaves  
Department of Cardiology, Federal University of Pernambuco, Brazil

17:50  Salt Sensitivity and Salt Sensitive Hypertension in Indigenous Populations in South Africa  
Brian Rayner  
Division of Nephrology & Hypertension, University of Cape Town, South Africa

20:00-23:00  Gala Dinner (Optional)
### Sunday, 30 March, 2014

**08:00** Registration

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08:30-10:50</td>
<td>Plenary Session: Polish State of the Art Overview of PreHT, HT &amp; CMS</td>
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<td>Chairs: M. Banach, Poland; A. Januszewicz, Poland</td>
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<td>Hall A</td>
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<tr>
<td>08:30</td>
<td>Prehypertension, Cardiometabolic Syndrome and Early Kidney Damage</td>
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<td></td>
<td>Andrzej Więcek</td>
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<td>08:50</td>
<td>Primary Hypertension in Children is an Immuno-Metabolic Disease</td>
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<td>Mieczystaw Litwin</td>
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<td>Department of Nephrology and Arterial Hypertension, The Children’s Memory Health Institute, Warsaw, Poland</td>
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<td>09:10</td>
<td>How we May Restore Biological Function of Endothelial Progenitor Cells in Prehypertension</td>
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<td>Marek Naruszewicz</td>
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<td>09:30</td>
<td>Inflammation and Prehypertension – Is there a Relation?</td>
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<td>Tomasz Guzik</td>
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<td>09:50</td>
<td>Should ABPM be Performed in Every Patient with Prehypertension?</td>
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<td>Aleksander Prejbisz</td>
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<td>Department of Hypertension, Institute of Cardiology, Warsaw, Poland</td>
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<td>10:10</td>
<td>Contribution of Sympathetic of Neural Mechanisms to Prehypertension and Metabolic Syndrome</td>
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<td>Dagmara Hering</td>
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<td>Department of Hypertension and Diabetology, Medical University of Gdansk, Poland</td>
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<td>10:30</td>
<td>Prehypertension and Cardiometabolic Syndrome in Central and Eastern European Countries</td>
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<td>Tomasz Zdrojewski</td>
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<td></td>
<td>Department of Hypertension and Diabetology, Medical University in Gdansk, Poland</td>
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<td>10:50-11:20</td>
<td>Coffee Break, Exhibition Visit and E-Posters Viewing</td>
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<tr>
<td>11:20-14:15</td>
<td>Plenary Session: CMS &amp; End Organ Damage</td>
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<td>Chair: D.P. Michailidis, UK</td>
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<td>11:20</td>
<td>Metabolic Syndrome does it Exist?</td>
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<td>Dimitri P. Mikhailidis</td>
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<td>University College London Medical School, London, UK</td>
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<td>11:50</td>
<td>Risk of Incident Heart Failure in Diabetic Patients: Effect of Blood Pressure and Therapeutic Control</td>
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<td>Giuseppe Ambrosio</td>
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<td>University of Perugia School of Medicine, Perugia, Italy</td>
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<td>12:20</td>
<td>Obesity and Hypertension in the Young</td>
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<td>Paolo Palatini</td>
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<td>Department of Clinical and Experimental Medicine, University of Padova, Italy</td>
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<td>12:50</td>
<td>Microalbuminuria: A Marker for Renal and Cardiovascular Disease</td>
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<td>Bruno Watschinger</td>
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<td>Department of Internal Medicine/Nephrology, Medical University of Vienna, Austria</td>
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<td>13:20</td>
<td>Microvascular Structural Alterations in Patients with Metabolic Syndrome</td>
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<td>Damiano Rizzoni</td>
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<td>Department of Medical and Surgical Sciences, University of Brescia, Italy</td>
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<td>13:50</td>
<td>Final Conclusions:</td>
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<td>Evaluation, Diagnosis, Treatment and the Need for Guidelines</td>
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