Final Program
Sessions and times are subject to changes onsite

Saturday, October 14, 2017

16:00-18:30  Registration

18:30-19:30  Welcome Reception

Sunday, October 15, 2017

07:30  Registration

09:00-09:30  Opening Ceremony  Hall A, B, C

Chairman Organizing Committee
Basil S. Lewis (Israel)

Chairman, International Scientific Committee
Jeffrey S. Borer (USA)

Chairman, Local Committee
Roberto Ferrari (Italy)

President, ANMCO
Andrea Di Lenarda (Italy)

09:30-10:15  Opening Lecture  Hall A, B, C
Chairpersons: J.S. Borer, USA; B.S. Lewis, Israel

09:30  What I Learned in Medical School that was not True
Joseph S. Alpert, University of Arizona Health Sciences Center, Tucson, AZ, USA

10:15-10:45  Coffee Break, Exhibition Visit and Posters Viewing

10:45-12:30  S02: Acute Coronary Syndromes, Acute Myocardial Infarction  Hall A
Chairpersons: M.S. Gotsman, Israel; A. Di Lenarda, Italy; P.K. Shah, USA

10:45  Update on the 4th Revision of the Universal Definition of MI with Particular Emphasis on
Non-Ischemic Myocardial Injury
Joseph S. Alpert, University of Arizona Health Sciences Center, Tucson, AZ, USA

11:00  Ways to Improve the Care of STEMI that Occurs in the Hospital
George A. Stouffer, University of North Carolina, Chapel Hill, NC, USA

11:15  STEMI Systems of Care
Marco Tubaro, San Filippo Neri Hospital, Rome, Italy

11:30  Microvascular Coronary Disease and Clinical Implications
Juan Carlos Kaski, Cardiovascular and Cell Sciences Research Institute, St George's University
of London, London, UK

11:45  New Insights into Acute Coronary Syndromes Derived from Intracoronary Imaging
Robert L. Wilensky, Pennsylvania Cardiovascular Institute, Philadelphia, PA, USA
Sunday, October 15, 2017 (Cont.)

12:00  Effect of Ivabradine on Post Ischemic Stunning
       **Paolo G. Camici.** Università Vita Salute San Raffaele, Milano, Italy

12:15  Novel Recombinant Biologics for the Treatment of Acute Coronary Syndromes and Infarction
       **Francis G. Spinale.** University of South Carolina School of Medicine, Columbia, SC, USA

12:30-13:30 Lunch Break, Exhibition Visit and Posters Viewing

10:45-12:30  **S03: Topical Issues in Interventional Cardiology**
            Hall B
            Chairpersons: I.B.A. Menown, Northern Ireland; G. Souteyrand, France; G. Weisz, USA

10:45  Angiography Alone is Insufficient to Guide PCI: The Role of Direct Coronary Imaging
       **James A. Goldstein.** William Beaumont Hospital, Royal Oak, MI, USA

11:00  The Crucial Importance of Measuring Post-PCI FFR
       **Barry F. Uretsky.** University of Arkansas for Medical Sciences, Little Rock, AR, USA

11:15  Polymer Free Drug Coated Stents and Long Term Outcomes
       **Ian B.A. Menown.** Irish Atherosclerosis Society and Craigavon Cardiac Center and Queens University, Belfast, Northern Ireland

11:30  Endovascular Metabolic Interventions: Next Revolution?
       **Nicholas Kipshidze.** New York Cardiovascular Research, New York, NY, USA

11:45  The Impact of Timing of Ischemic and Hemorrhagic Events on Mortality After Percutaneous Coronary Intervention: The ADAPT-DES Study
       **Sorin Brener.** Methodist Hospital and Weill Cornell Medical College, New York, NY, USA

12:00  Antiplatelet Therapy after Drug-Eluting Stents when Anticoagulation is Required: An International Poll Conducted on Twitter
       **Michael Savage.** Thomas Jefferson University Hospital, Philadelphia, PA, USA

12:15  Long Term Results of a New Generation Drug Eluting Stent in Diabetics
       **Marcus Wiemer.** Cardiology and Internal Intensive Care, Minden, Germany

12:30-13:30 Lunch Break, Exhibition Visit and Posters Viewing

10:45-12:30  **S04: Ventricular Function, Heart Failure**
            Hall C
            Chairpersons: C. Ceconi, Italy; H.N. Sabbah, USA

10:45  Heart Rate Slowing for Relief of Heart Failure Due to Coronary Artery Disease
       **Jeffrey S. Borer.** New York (SUNY) Downstate Medical Center and SUNY Downstate College of Medicine, New York, NY, USA

11:00  Novel Pharmaceutical Concepts in Cardiac Remodeling
       **Dennis V. Cokkinos.** Biomedical Research Foundation Academy of Athens, Athens, Greece

11:15  Cardiac Wound Healing and Heart Failure
       **Georg Ertl.** University Hospital Würzburg, Würzburg, Germany

11:30  Neprilysin Inhibition in Ischemic Heart Disease with Heart Failure: Current Update
       **Uday Jadhav.** Dept. of Cardiology, MGM New Bombay Hospital, Vashi, India

11:45  Depression and Anxiety in Heart Failure
       **Christiane Angermann.** University Hospital Würzburg, Würzburg, Germany

12:00  The Treatment of the Diabetic Patient with Heart Failure
       **Giuseppe Rosano.** St Georges University of London, London, UK

12:15  Clinical Relevance of Immature Reticulated Platelets in Patients with Coronary Artery Disease
       **Eli Lev.** Rabin Medical Center and Tel Aviv University, Tel Aviv, Israel
Sunday, October 15, 2017 (Cont.)

12:30-13:30 Lunch Break, Exhibition Visit and Posters Viewing

13:00-14:00 Satellite Symposium by Servier
**Raising Treatments Standards for Angina Patients**
Chairpersons: **J.S. Borer**, USA; **B.S. Lewis**, Israel

- Introduction by **Basil S. Lewis** (Israel)
- Pathophysiology and Diagnosis of Angina: New Insights
  **Jeffrey S. Borer** (USA)
- Going Further to Treat Angina Better: New Highlights
  **Roberto Ferrari** (Italy)
- Panel Discussion Moderated
  **Giuseppe Rosano** (UK)

Is it Time to Change our Thinking about Angina Management?
**Jeffrey S. Borer** (USA), **Paolo G. Camici** (Italy), **Roberto Ferrari** (Italy),
**Juan Carlos Kaski** (UK), **Basil Lewis** (Israel), **Mario Marzilli** (Italy)

Conclusion
**Jeffrey S. Borer** (USA)

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

14:00-15:30 S05: TAVI and Valve Interventions
Chairpersons: **R. Kornowski**, Israel; **M. Overbeck**, Germany

- 14:00 Valve Prosthesis Patient Mismatch: Keep it Simple
  **Shahbudin H. Rahimtoola**, University of Southern California School of Medicine, Los Angeles, CA, USA

- 14:15 TAVI: Are We Doing Too Many Futile Cases?
  **Amit Segev**, Sheba Medical Center and Tel Aviv University, Tel Hashomer, Israel

- 14:30 Trans Catheter Aortic Valve Implantation for Failed Bioprosthetic Valves
  **Ariel Finkelstein**, Tel Aviv Medical Center and Tel Aviv University, Tel Aviv, Israel

- 14:45 Vascular Access for Transcatheter Aortic Valve Replacement: Challenges and Novel Approaches
  **Ronen Jaffe**, Lady Davis Carmel Medical Center and the Ruth and Bruce Rappaport School of Medicine, Haifa, Israel

- 15:00 3rd Generation TAVI Devices: Great Tools for Cardiac Surgeons and Cardiologists
  **Hermann Reichenspurner**, Department of Cardiovascular Surgery, University Heart Center Hamburg, Germany

- 15:15 Mini Invasive Sutureless Aortic Valve Implantation Compared to TAVI in Intermediate Risk Patients
  **Ehud Raanani**, Sheba Medical Center and Tel Aviv University, Tel Hashomer, Israel

15:30-16:00 Coffee Break, Exhibition Visit and Posters Viewing
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<tr>
<th>Time</th>
<th>Session</th>
<th>Chairpersons</th>
<th>Venue</th>
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<tbody>
<tr>
<td>14:00</td>
<td>S06: Lipidology and CVD Prevention</td>
<td>U. Keil, Germany; T. Schmidt, Denmark</td>
<td>Hall B</td>
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<tr>
<td>14:00</td>
<td>Is an Even Lower LDL-C Better - and Safe?</td>
<td><strong>Evan A. Stein</strong>, Metabolic and Atherosclerosis Research Center, Cincinnati, OH, USA</td>
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<td>14:15</td>
<td>The New Lipidology and Prevention of Vascular Disease - Lessons from FOURIER and other Lipid Lowering Trials</td>
<td><strong>Robert P. Giugliano</strong>, TIMI Study Group and Harvard Medical School, Boston, MA, USA</td>
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<td>14:30</td>
<td>PCSK9 Inhibition: Learning from Nature</td>
<td><strong>Heinz Drexel</strong>, Academic Teaching Hospital Feldkirch and Vivit Institute, Feldkirch, Austria</td>
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<td>14:45</td>
<td>ANGPTL 3 Inhibitors: Potential Breakthrough or Modest Incremental Advance?</td>
<td><strong>Prediman K. Shah</strong>, Cedars-Sinai Medical Center, Los Angeles, CA, USA</td>
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<td>15:00</td>
<td>Polyphenols and Atherosclerosis</td>
<td><strong>Paul G. Hugenholtz</strong>, Erasmus University, Rotterdam, The Netherlands</td>
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<td>15:15</td>
<td>ESCAPE to the Real World: A Retrospective Review of Clinical Use of Alirocumab in Lipoprotein Apheresis Patients</td>
<td><strong>Patrick M. Moriarty</strong>, University of Kansas Medical Center, KS, USA</td>
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<td>15:30</td>
<td>Cardiovascular Mortality Risk Reduction with Intensive Lipid Therapy: 25-Year Follow-Up of the Familiar Atherosclerosis Treatment Study - Observational Study</td>
<td><strong>Xue-Qiao Zhao</strong>, University of Washington, Seattle, WA, USA</td>
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<td>15:30-16:00</td>
<td>Coffee Break, Exhibition Visit and Posters Viewing</td>
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<td>14:00-15:15</td>
<td>S07: Focus Session</td>
<td>Hall C</td>
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<td>14:00</td>
<td>Advances in Stem Cell Science and Clinical Translation</td>
<td>B. Dawn, USA; R. Kukreja, USA</td>
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<td>14:00</td>
<td>iPS-Derived Extracellular Vesicles for Myocardial Repair</td>
<td><strong>Ewa Zuba-Surma</strong>, Jagiellonian University, Krakow, Poland</td>
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<tr>
<td>14:15</td>
<td>Stem Cell Exosomes as Paracrine Mediators of Cardiac Protection and Repair</td>
<td><strong>W. Keith Jones</strong>, Loyola University, Chicago, IL, USA</td>
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<td>14:30</td>
<td>Regulation of Mammalian Heart Regeneration by Oxygen Metabolism</td>
<td><strong>Hesham Sadek</strong>, UT Southwestern Medical Center, Dallas, TX, USA</td>
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<td>14:45</td>
<td>Bone Marrow Cell Therapy: Emerging Clinical Evidence</td>
<td><strong>Buddhadeb Dawn</strong>, University of Kansas, Kansas City, USA</td>
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<td>15:00</td>
<td>Autologous versus Allogenic Angiogenesis Cell Therapy</td>
<td><strong>Sigrid Nikol</strong>, ASKLEPIOS Klinik St. Georg, Hamburg, Germany</td>
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<td>15:30-16:00</td>
<td>Coffee Break, Exhibition Visit and Posters Viewing</td>
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<td>16:00-17:30</td>
<td>S08: New Challenges in Cardiac Surgery</td>
<td>Hall A</td>
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<td>16:00</td>
<td>Neutrophil-Lymphocyte Ratio: Prognostic Impact in Heart Surgery-Early Outcomes and Late Survival</td>
<td><strong>Shuli Silberman</strong>, Shaarei Zedek Medical Center and the Hebrew University, Jerusalem, Israel</td>
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<td>16:15</td>
<td>Small Calibre Tissue Engineered Vascular Grafts</td>
<td><strong>Beat H. Walpoth</strong>, Geneva University Hospital, Geneva, Switzerland</td>
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<td>16:30</td>
<td>Echocardiographic Guided Mitral Valve Repair</td>
<td><strong>Alfredo Trento</strong>, Cedars-Sinai Medical Center, Los Angeles, CA, USA</td>
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<td>16:45</td>
<td>Current Status of Mitral Valve Repair Therapies</td>
<td><strong>Matthias Overbeck</strong>, München, Germany</td>
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Sunday, October 15, 2017 (Cont.)

17:00 Anomalous Left Coronary Artery Connected to the Pulmonary Artery / Single Center Experience Over 30 Years
Julia Mitchell, Department of Cardiac Surgery C, Cardiologic Hospital Louis Pradel, France

17:15 Pump-Assisted Direct Coronary Artery Bypass Grafting (Pad-Cab): Minimizing Risk, Maximizing Outcomes
Louis Samuels, Thomas Jefferson University, Department of Surgery, Division of Cardiothoracic Surgery, Philadelphia, PA, USA

16:00-17:30 S09: Diabetes and Risk Factors for Cardiovascular Disease Hall B
Chairpersons: H. Drexel, Austria; R.P. Giugliano, USA

16:00 Novel Antidiabetes Drugs with Cardiovascular Benefit: Is there Reason for Enthusiasm?
Thomas A Schmidt, Holbaek University Hospital, University of Copenhagen, Copenhagen, Denmark

16:15 Dapagliflozin Attenuates Diabetic Cardiomyopathy and the Activation of the NLRP3/ASC Inflammasome in Mice with Type-2 Diabetes: A Glucose-Lowering and SGLT-2 Independent Effect
Yochai Birnbaum, Baylor College of Medicine, Houston, TX, USA

16:30 SGLT2 Inhibitors: The Cardiologist’s Point of View
Joseph Rozenman, Wolfson Medical Center and Tel Aviv University, Holon, Israel

16:45 DPP-4 Inhibitors: Preservation of Endothelial Function in the Presence of Oxidative Stress
Owen L. Woodman, RMIT University, Bundoora Vic, Australia

17:00 SCORE Deutschland Update 2016
Ulrich Keil, University of Munster, Munster, Germany

17:15 Cardiac Risk in Primary Prevention: From Categorical to Individual Risk
Joseph Shemesh, Sheba Medical Center and Tel Aviv University, Tel Hashomer, Israel

16:00-17:15 S10: Basic Research, Molecular Biology Hall C
Chairpersons: N.S. Dhalla, Canada; S. Nikol, Germany

16:00 Sudden Cardiac Death Substrates and Triggers: Ischemia and Potassium
Keld Kjeldsen, Copenhagen University Hospitals, Copenhagen and Holbæk, and The Faculty of Medicine, Aalborg University, Aalborg, Denmark

16:15 Mechanisms of the Increase in Peripheral Blood Flow in Diabetic Animals with or without Ischemia
Naranjan S. Dhalla, St. Boniface Hospital Albrechtsen Research Centre, Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, Canada

16:30 Cardiogenesis and Reversal of Stem Cell Aging by Asymmetrically Conveyed Electromagnetic Fields
Carlo Ventura, University of Bologna, Bologna, Italy

16:45 Coronary Artery Disease Risk and Genetic Risk Score According to Presumed Physiological Function
Maria Isabel Mendonca, Cardiology Department of Funchal Hospital Centre, Research Unit, Funchal, Portugal

17:00 Beneficial Effect of Metoprolol is Associated with Increase of SIRT1 Activity in the Heart of Post Myocardial Infarction Rats
Valeria Conti, Dept. of Medicine, Surgery and Dentistry, University of Salerno, Italy
### Monday, October 16, 2017

**07:30** Registration

<table>
<thead>
<tr>
<th>08:30-10:00</th>
<th>S11: Acute Ischemia, Acute Coronary Syndromes, Acute Myocardial Infarction</th>
<th>Hall A</th>
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<tr>
<td>Chairpersons: J.C. Kaski, UK; Y. Rozenman, Israel</td>
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<td><strong>08:30</strong></td>
<td>The Copernican Revolution in Ischemic Heart Disease</td>
<td><strong>Hall A</strong></td>
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<td><strong>Mario Marzilli</strong>, University of Pisa, Pisa, Italy</td>
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<td><strong>08:45</strong></td>
<td>Myocardial Infarction and Non-Obstructive Coronary Arteries (MINOCA)</td>
<td><strong>Hall A</strong></td>
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<td><strong>Stefan Agewall</strong>, Oslo University Hospital Ullevål, University of Oslo, Oslo, Norway</td>
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<td><strong>09:00</strong></td>
<td>Acute Myocardial Infarction - The Road Ahead</td>
<td><strong>Hall A</strong></td>
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<td><strong>Mervyn S. Gotsman</strong>, Hadassah-Hebrew University Hospital, Jerusalem, Israel</td>
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<td><strong>09:15</strong></td>
<td>Histopathological Analysis of Intracoronary Thrombus and How it has Helped us to Understand the Pathophysiology of STEMI</td>
<td><strong>Hall A</strong></td>
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<td><strong>Anthoni Carol Ruiz</strong>, Hospital Moises Broggi, Sant Joan Despí, Spain</td>
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<td><strong>09:30</strong></td>
<td>Sodium Levels and Changes Throughout an Admission with Acute Myocardial Infarction are Markers of In-Hospital Mortality</td>
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<td><strong>Ygal Plakht</strong>, Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-sheva, Israel</td>
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<td><strong>09:45</strong></td>
<td>Impact of Postconditioning with Lactate-Enriched Blood on Short-Term Outcomes of Patients with ST-Segment Elevation Myocardial Infarction</td>
<td><strong>Hall A</strong></td>
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<td><strong>Takashi Koyama</strong>, Cardiology Department, Saitama Municipal Hospital, Saitama, Japan</td>
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**10:15-10:45** Coffee Break, Exhibition Visit and Posters Viewing

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<th>08:30-10:00</th>
<th>S12: Basic Research</th>
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<td>Chairpersons: I. Ahrens, Germany; K. Kjeldsen, Denmark</td>
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<td><strong>08:30</strong></td>
<td>Chronic Ischemia: Time to Review all the Concepts?</td>
<td><strong>Hall B</strong></td>
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<td><strong>Roberto Ferrari</strong>, Universita Di Ferrara, Divisione Di Cardiologia, Ferrara, Italy</td>
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<td><strong>08:45</strong></td>
<td>Sex Differences in Cardiac Tolerance to Oxygen Deprivation: The Role of Mitochondria</td>
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<td><strong>Bohuslav Ostadal</strong>, Academy of Sciences of the Czech Republic, Prague, Czech Republic</td>
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<td><strong>09:00</strong></td>
<td>Vasoprotective Actions of the Novel Redox Signaling Molecule, Nitroxyl (HNO)</td>
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<td><strong>Barbara K. Kemp-Harper</strong>, Monash University, Clayton VIC, Australia</td>
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<td><strong>09:15</strong></td>
<td>Role of Reactive Oxygen Species in Adenosine-Mediated Regulation of Coronary Flow</td>
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<td><strong>S. Jamal Mustafa</strong>, School of Medicine, West Virginia University, Morgantown, WV, USA</td>
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<td><strong>09:30</strong></td>
<td>Abnormalities of Cardiolipin Synthesis and Remodeling in Heart Failure: A Cornerstone of Energy Deprivation</td>
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<td><strong>Hani Sabbah</strong>, Henry Ford Heart and Vascular Institute, Detroit, MI, USA</td>
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<td><strong>09:45</strong></td>
<td>T Expression of CD14 and BNP in Patients with Calcific Aortic Stenosis</td>
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<td><strong>Dennis V. Cokkinos</strong>, Biomedical Research Foundation Academy of Athens, Athens, Greece</td>
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**10:15-10:45** Coffee Break, Exhibition Visit and Posters Viewing
Monday, October 16, 2017 (Cont.)

08:30-10:00 S13: Problem Based Learning Session: Meet the Experts
Chairpersons: J.S. Borer, USA; Y. Charuzi, USA

08:00 Management of Antithrombotic Therapy after Bleeding in Patients with Coronary Artery Disease and/or Atrial Fibrillation: Expert Consensus Paper of the ESC WG Thrombosis
Signrun Halvorsen, Department of Cardiology, Oslo University Hospital, Oslo, Norway

09:00 Role of Intravascular Imaging to Individualise Secondary Prevention
Carlo Di Mario, University of Firenze, Firenze, Italy

09:30 The Ongoing Conundrum of the Type 2 Myocardial Infarction vs Myocardial Injury
Joseph Alpert, University of Arizona College of Medicine, Tucson, AZ, USA

10:15-10:45 Coffee Break, Exhibition Visit and Posters Viewing

10:45-13:00 S14: New Strategies in Interventional Cardiology
Chairpersons: C. Di Mario, Italy; J.A. Goldstein, USA

10:45 TAVI and PCI: How Should We Treat the Patient with Both AS and CAD?
Ran Kornowski, Rabin Medical Center and Tel Aviv University, Tel Aviv, Israel

11:00 TAVI Economics
Antonis S. Manolis, Athens University School of Medicine, Athens, Greece

11:15 European Stent for Life Initiative Achievements in STEMI
Petr Kala, University Hospital Brno, Brno, Czech Republic

11:30 Prognostic Impact of Anemia on Cardiovascular Outcome in Patients Undergoing PCI
Sorin J. Brener, Methodist Hospital and Weill Cornell Medical College, New York, NY, USA

11:45 Mechanisms of Stent Thrombosis Analysed by Optical Coherence Tomography: Insights from the National PESTO French Registry
Géraud Souteyrand, CHU Clermont-Ferrand, France

12:00 Vein Graft Intervention: Progress and Continued Challenges
Michael Savage, Thomas Jefferson University Hospital, Philadelphia, PA, USA

12:15 The Future Management of CAD: From Diagnosis to Treatment
Giora Weisz, Montefiore Medical Center, New York, NY, USA

12:30 Practical Ways to Reduce Radiation during Interventional Procedures
Ariel Roguin, Rambam Health Care Campus and the Ruth and Bruce Rappaport School of Medicine, Technion-IIT, Haifa, Israel

12:45 Application of the Multi-Artery FFR Method to Some Stenotic 3-Artery Coronary Configurations
Ilan Yaege, Israel

13:00-14:00 Lunch Break, Exhibition Visit and Posters Viewing

10:45-12:15 S15: Joint Session with ESC WG on Cardiovascular Pharmacotherapy
Clinical Trials Parade and Update: What’s Happening and What’s Next in the Clinical Trials Arena?
Chairpersons: G. Rosano, UK; T. Walther, Ireland

10:45 Antithrombotics and Acute Coronary Syndromes
Sven Wassmann, Dept. of Cardiology, Isar Heart Center, Isar Klinikum, Munich, Germany

11:00 Lipidology Trials
Basil S. Lewis, Lady Davis Carmel Medical Center, Haifa, Israel

11:15 Diabetes Trials
Heinz Drexel, VIVIT Institute, Feldkirch, Austria
Monday, October 16, 2017 (Cont.)

11:30 Heart Failure Trials
Giuseppe Rosano, St George’s University of London, London, UK

11:45 Interpreting Meta-Analyses and Clinical Trials: Can we Believe the Data?
Gianluigi Savarese, Karolinska Institute, Stockholm, Sweden

12:00 The Future of Clinical Trials: Novel Trial Designs to Improve Efficiency
Juan Tamargo, Universidad Complutense de Madrid, Madrid, Spain

13:00-14:00 Lunch Break, Exhibition Visit and Posters Viewing

10:45-12:00 S16: Lipids, Lipoproteins and Atherosclerosis
Chairpersons: C. Erol, Turkey; E.A. Stein, USA

10:45 Effects of Statins Alone, or in Combination Therapy on Lipoprotein (A): A Single-Center Study
Marija Vavlukis, ICCU, University Clinic of Cardiology, Medical Faculty, University Ss Cyril and Methodius, Macedonia

11:00 Serum Amyloid A Exacerbates Acute Vascular Events by Activation of the NLRP3 Inflammasome
Fred de Beer, College of Medicine, University of Kentucky, Lexington, KY, USA

11:15 Unravelling the Interaction of Aspirin, Ticagrelor and Rosuvastatin on the Progression of Atherosclerosis and Inflammation in Diabetic Mice
Yumei Ye, Biochemistry and Molecular Biology, UTMB, Galveston, TX, USA

11:30 Mechanism of Resistance Artery Vasorelaxation to HNO Released by Nonoate IPA
Christopher Garland, Pharmacology, University of Oxford, UK

11:45 Circulating Stem Cells as Cardiovascular Risk Biomarkers
Gian Paolo Fadini, University of Padova, Venetian Institute of Molecular Medicine, Padua, Italy

13:00-14:00 Lunch Break, Exhibition Visit and Posters Viewing

14:00-15:30 S17: Joint Session with the ESC Acute Cardiovascular Care Association (ACCA)
Chairpersons: S. Agewall, Norway; M. Lettino, Italy

14:00 Inflammation and Atherothrombosis: New Clinical Aspects
The Year in ACS – Emerging Therapies in Atherothrombosis
Maddalena Lettino, Milano, Italy - ACCA President

14:15 Anti-Inflammatory Therapies to Stop the Progression of Atherosclerosis
Andreas Zirlik, Freiburg, Germany

14:30 Targeting Cardiac Inflammation Post MI to Limit Cardiac Necrosis and Contractile Dysfunction
Rebecca Ritchie, Heart Failure Pharmacology, Baker Heart and Diabetes Institute, Melbourne, Australia

14:45 Update Antithrombotic Therapy in Patients Post TAVI
Ingo Ahrens, Co-Chair ACCA Scientific Committee, Cologne, Germany

15:00 Inflammatory Response after Out-Of-Hospital Cardiac Arrest – A Potential Therapeutic Target?
Christian Hassager, Copenhagen, Denmark - Chair ACCA Scientific Committee

15:15 Spontaneous Coronary Dissection: Is Conservative Therapy the Solution?
Christiaan Vrints, Antwerp, Belgium - Editor-In-Chief, European Heart Journal: Acute Cardiovascular Care

15:30-16:00 Coffee Break, Exhibition Visit and Posters Viewing
### Monday, October 16, 2017 (Cont.)

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<tr>
<td>14:00</td>
<td><strong>S18: New Diagnostic Imaging</strong></td>
<td><strong>Hall B</strong> D.J. Pennell, UK; F.J.Th. Wackers, USA</td>
</tr>
<tr>
<td></td>
<td>Update on CCTA as a Tool for Cardiac Risk Reclassification</td>
<td>Andre Duerinckx, Howard University College of Medicine, Washington, DC, USA</td>
</tr>
<tr>
<td>14:15</td>
<td>Screening for CAD in Diabetes Mellitus. Can it be Done? Is it Useful?</td>
<td>David A. Halon, Lady Davis Carmel Medical Center and the Ruth and Bruce Rappaport School of Medicine, Haifa, Israel</td>
</tr>
<tr>
<td>14:30</td>
<td>Fusion Imaging in Cardiac Diagnosis</td>
<td>Ronen Rubinshtein, Lady Davis Carmel Medical Center and the Ruth and Bruce Rappaport School of Medicine, Haifa, Israel</td>
</tr>
<tr>
<td>14:45</td>
<td>Diffusion Tensor Magnetic Resonance of Cardiac Microstructure and Application to Coronary Artery Disease</td>
<td>Dudley J. Pennell, NIHR Cardiovascular Biomedical Research Unit, National Heart and Lung Institute, Imperial College, London, UK</td>
</tr>
<tr>
<td>15:00</td>
<td>Cardiac PET-MRI: Our Experience</td>
<td>Jie Zheng, Mallinckrodt Institute of Radiology, Saint Louis, MO, USA</td>
</tr>
<tr>
<td>15:15</td>
<td>Speckle Tracking Echocardiography: Ready for Routine Clinical Use?</td>
<td>Zvi Vered, Assaf Harofeh Medical Ctr and Tel Aviv University, Zerifin, Israel</td>
</tr>
</tbody>
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**15:30-16:00** Coffee Break, Exhibition Visit and Posters Viewing

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<tr>
<td>14:00</td>
<td><strong>S19: Focus Session: Cell Death, Mitochondria, Molecular Biology</strong></td>
<td><strong>Hall C</strong> D.V. Cokkinos, Greece; L.A. Kirshenbaum, Canada</td>
</tr>
<tr>
<td></td>
<td>Succinate Dehydrogenase Assembly Factor 1 in the Regulation of Mitochondrial Respiration</td>
<td>Maha Abdellatif, Rutgers New Jersey Medical School, Newark, NJ, USA</td>
</tr>
<tr>
<td>14:15</td>
<td>Monoamine Oxidases in Cardiac Pathophysiology</td>
<td>Fabio Di Lisa, University of Padova, Padua, Italy</td>
</tr>
<tr>
<td>14:30</td>
<td>New Players of the Mitochondria-ER Crosstalk</td>
<td>Marta Giacomello, University of Padova, Padua, Italy</td>
</tr>
<tr>
<td>14:45</td>
<td>Regulation of Mitochondria and Cell Death Signaling Pathways in the Heart</td>
<td>Lorrie Kirshenbaum, University of Manitoba, Manitoba, Canada</td>
</tr>
<tr>
<td>15:00</td>
<td>Cardiotrophin 1, an Effective Therapeutic Intervention for Heart Failure</td>
<td>Lynn Megeney, Ottawa Hospital Research Institute, Ottawa, Canada</td>
</tr>
<tr>
<td>15:15</td>
<td>Molecular Mechanisms of Autophagy during Pressure Overload</td>
<td>Toshiro Saito, Rutgers New Jersey Medical School, New Jersey, USA</td>
</tr>
<tr>
<td>15:30</td>
<td>Calcium Binding to F-ATP Synthase β Subunit Triggers the Mitochondrial Permeability Transition</td>
<td>Valentina Giorgio, University of Padova, Padua, Italy</td>
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**15:30-16:00** Coffee Break, Exhibition Visit and Posters Viewing
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<tr>
<td>16:00</td>
<td>PDE5 Inhibition and Protection of Diabetic Heart: Role of microRNA 103/107</td>
<td>Hall B</td>
<td>B. Dawn, USA; R. Kukreja, USA</td>
</tr>
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<td></td>
<td>Rakesh Kukreja, Virginia Commonwealth University, Richmond, VA, USA</td>
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<tr>
<td>16:15</td>
<td>mTOR Signaling and Cardioprotection in Diabetes</td>
<td></td>
<td>Anindita Das, Virginia Commonwealth University, Richmond, VA, USA</td>
</tr>
<tr>
<td>16:30</td>
<td>AGE and RAGE Precursor Pathway Driven Mechanisms of Ischemia Reperfusion Injury in Diabetic Heart</td>
<td></td>
<td>Ravichandran Ramasamy, New York University, NY, USA</td>
</tr>
<tr>
<td>16:45</td>
<td>Metabolic Inefficiencies and the Response to Ischemia Reperfusion in the Diabetic Heart</td>
<td></td>
<td>E. Douglas Lewandowski, Sanford Burnham Prebys Medical Discovery Institute, La Jolla, CA, USA</td>
</tr>
<tr>
<td>17:00</td>
<td>Nitrite Mediates Cardioprotection through Modulation of Mitochondrial Redox Function</td>
<td></td>
<td>Shruti Shiva, University of Pittsburgh, PA, USA</td>
</tr>
<tr>
<td>16:00</td>
<td>Which Asymptomatic Carotid Stenoses should be Treated?</td>
<td>Hall C</td>
<td>N.N. Kipshidze, USA; R. Pedrinelli, Italy</td>
</tr>
<tr>
<td>16:15</td>
<td>The Fallacy of Preventive Surgery: The Case of Carotid Repair for the Primary Prevention of Stroke</td>
<td></td>
<td>Roberto Pedrinelli, University of Pisa, Pisa, Italy</td>
</tr>
<tr>
<td>16:30</td>
<td>High Prevalence of Intracranial Artery Stenoses in the Chinese Diabetic Prato Community: Results of an Ultrasound Screening in Asymptomatic Patients</td>
<td></td>
<td>Sergio Castellani, Azienda Ospedaliera Careggi, Firenze, Italy</td>
</tr>
<tr>
<td>16:45</td>
<td>Blood Flow Assessment in Coronary Surgery and Potential Impact on Revascularization Strategies</td>
<td></td>
<td>Lars Niclauss, Cardiac Surgery, CHUV Lausanne, Switzerland</td>
</tr>
<tr>
<td>17:00</td>
<td>Extended Endarterectomy is a Treatment Option for Diffuse Inoperable Left Sided Coronary Artery Disease</td>
<td></td>
<td>Damian Gimpel, Cardiothoracic Surgery, The Waikato Hospital, New Zealand</td>
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</table>
## Tuesday, October 17, 2017

### 07:30 - Registration

### 08:30-10:00  S23: Basic Research, Molecular Biology  
**Chairpersons:** I. Hoefer, The Netherlands; R. Ritchie, Australia  
**Hall A**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker/Institution</th>
</tr>
</thead>
</table>
| 08:30 | Effects of Fimasartan on Carotid Atherosclerosis Progression after Mechanical Injury in ApoE Knockout Mouse  
*Soon Jun Hong*, Cardiology Department, Korea University Anam Hospital, South Korea |
| 08:45 | Mechanism of Resistance Artery Vasorelaxation to HNO Release by IPA Nonoate  
*Christopher Garland*, Pharmacology, University of Oxford, UK |
| 09:00 | Immune Response and Coronary Atherosclerosis: Putative Cellular Markers of Plaque Development  
*Silvia Rocchiccioli*, Institute of Clinical Physiology, CNR, Italy |
| 09:15 | Endoplasmic Reticulum Stress, NRF2 Signaling and Cardiovascular Diseases in a Nutshell  
*Chiara Mozzini*, Internal Medicine, University of Verona, Italy |
| 09:30 | Ticagrelor versus Prasugrel for Brachial Artery Flow-Mediated Dilation in Diabetic Patients with Non-ST Elevation Acute Coronary Syndrome  
*Soon Jun Hong*, Cardiology Department, Korea University Anam Hospital, South Korea |
| 09:45 | Clopidogrel Pharmacogenetics: A Valid Method to Assure Effectiveness and Appropriateness of the Antiplatelet Therapy  
*Valeria Conti*, Dipartimento di Medicina, Chirurgia e Odontoiatria “Scuola Medica Salernitana”, University of Salerno, Italy |

### 10:15-10:45  Coffee Break, Exhibition Visit and Posters Viewing

### 08:30-10:00  S24: Clinical Aspects  
**Chairpersons:** D.A. Halon, Israel; C. Rosendorff, USA  
**Hall B**

<table>
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<tr>
<th>Time</th>
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<th>Speaker/Institution</th>
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</table>
| 08:30 | Drugs for Cardiac Protection  
*Qin M. Chen*, University of Arizona, Tucson, AZ, USA |
| 08:45 | Individual Variability in Platelet Responsiveness To P2Y12 Receptor Antagonists Reflects Status of Adenylate Cyclase Pathway  
*John D. Horowitz*, University of Adelaide, Adelaide, Australia |
| 09:00 | Advances in the Management of Patients with Stable Angina and Type 2 Diabetes  
*Juan Tamargo*, Universidad Complutense de Madrid, Madrid, Spain |
| 09:15 | Management of Stable Angina 2017: A Critical Appraisal  
*Udho Thadani*, University of Oklahoma, Oklahoma City, OK, USA |
| 09:30 | Hematology as Predictor of Cardiovascular Outcome  
*Imo Hoefer*, University Medical Center, Utrecht, The Netherlands |
| 09:45 | Novel Anti-Diabetic Therapies and Cardio-Metabolic Control  
*Manfredi Rizzo*, University of Palermo, Palermo, Italy |

### 10:15-10:45  Coffee Break, Exhibition Visit and Posters Viewing
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<tr>
<td>08:30</td>
<td>S25: Prognosis, Progression, Practice Patterns</td>
<td>Hall C</td>
<td>R. Caporale, Italy; C. Torp-Pedersen, Denmark</td>
</tr>
<tr>
<td>08:30</td>
<td>PCSK9 Inhibitors: Where do we Stand and How Does it Change Practice?</td>
<td></td>
<td>Doron Zahger, Soroka Medical Center and Ben Gurion University of the Negev, Beer Sheba, Israel</td>
</tr>
<tr>
<td>08:45</td>
<td>Clinical Approach to Anti-Thrombotic Pre-Treatment for Patients with Acute Coronary Syndromes (ACS)</td>
<td></td>
<td>Roberto Caporale, Ospedale Civile dell’Annunziata, Cosenza, Italy</td>
</tr>
<tr>
<td>09:00</td>
<td>Homocysteine and Progression of Coronary Artery Disease</td>
<td></td>
<td>Antonio Fontes, Hospital do Divino Espírito Santo de Ponta Delgada, Ponta Delgada, Azores, Portugal</td>
</tr>
<tr>
<td>09:15</td>
<td>The Role of ADAMTS 7 Gene Variant rs3825807 A/G on Survival in Patients with Established Coronary Artery Disease</td>
<td></td>
<td>Maria Isabel Mendonca, Funchal Hospital Centre, Funchal, Portugal</td>
</tr>
<tr>
<td>09:30</td>
<td>SMARTool H2020 Project: An ICT Approach to Coronary Artery Disease Management</td>
<td></td>
<td>Gualtiero Pelosi, Institute of Clinical Physiology, CNR, Pisa, Italy</td>
</tr>
<tr>
<td>09:45</td>
<td>Biometric Measures of Cognitive and Emotional Responses in Cardiac Patients Navigating an E-Learning Platform on Medication Adherence: A Pilot Study</td>
<td></td>
<td>Sylvie Cossette, Montreal Heart Institute Research Center, Montreal, Quebec, Canada</td>
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<td>10:15</td>
<td>Coffee Break, Exhibition Visit and Posters Viewing</td>
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<tr>
<td>10:45</td>
<td>S26: Acute Coronary Syndromes, Acute Ischemia</td>
<td>Hall A</td>
<td>R. Ritchie, Australia; D. Zahger, Israel</td>
</tr>
<tr>
<td>10:45</td>
<td>High Risk Plaque in Patients with Near-Normal Coronary Angiograms</td>
<td></td>
<td>Michael Turner, Cardiology, Imperial Health-Cardiovascular Specialists, USA</td>
</tr>
<tr>
<td>11:00</td>
<td>Ticagrelor Therapy in Patient with Advanced Conduction Disease: Is it Really Safe?</td>
<td></td>
<td>Alexander Goldberg, Cardiology, Ziv Medical Center, Safed, Israel</td>
</tr>
<tr>
<td>11:15</td>
<td>Malignancy after Acute Coronary Syndrome: Incidence and Features</td>
<td></td>
<td>Giuseppe Berton, Cardiology, Bassano del Grappa General Hospital, Italy</td>
</tr>
<tr>
<td>11:30</td>
<td>Decreased and Increased Mortality in Patients with Acute Myocardial Infarction Serum Calcium Levels are Independent Predictors of In-Hospital</td>
<td></td>
<td>Arthur Shiyovich, Cardiology, Rabin Medical Center, Petach Tikva, Israel</td>
</tr>
<tr>
<td>11:45</td>
<td>Bivalirudin vs Unfractionated Heparin during PCI in Patients with ACS without ST-Segment Elevation</td>
<td></td>
<td>Danii Maximkin, Cardiovascular Surgery, RUDN University, Moscow, Russia</td>
</tr>
<tr>
<td>10:45</td>
<td>S27: Antithrombotic Therapy: State of the Art</td>
<td>Hall B</td>
<td>G. Ertl, Germany; G.A. Stouffer, USA</td>
</tr>
<tr>
<td>10:45</td>
<td>Antithrombotic Therapy in Patients with AF and ACS</td>
<td></td>
<td>Cetin Erol, Ankara University Faculty of Medicine, Ankara, Turkey</td>
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<tr>
<td>11:00</td>
<td>Antithrombotic Therapy in Patients with Atrial Fibrillation Undergoing PCI with Stent</td>
<td></td>
<td>Giuseppe Di Pasquale, Ospedale Maggiore, Bologna, Italy</td>
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<tr>
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<tr>
<td>11:15</td>
<td>Use of Oral Anticoagulation in Patients Received Antiplatelet Agents</td>
<td>Shinya Goto, Tokai University, Kanagawa, Japan</td>
<td></td>
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<tr>
<td>11:30</td>
<td>Compliance, Thrombosis and Bleeding with NOACs: Experience from Real Life Data</td>
<td>Christian Torp-Pedersen, Aalborg University, Aalborg, Denmark</td>
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<tr>
<td>10:45</td>
<td>S28: Hypertension and the Heart</td>
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<td>Chairpersons: E. Klainman, Israel; Z. Vered, Israel</td>
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<tr>
<td>10:45</td>
<td>Management of Hypertension in Patients with CAD</td>
<td>Clive Rosendorff, Mount Sinai School of Medicine, New York, NY, USA</td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Exercise Related Hypertension May Not be a Benign Phenomenon</td>
<td>Yzhar Charuzi, Cedars-Sinai Medical Center, Los Angeles, CA, USA</td>
<td></td>
</tr>
<tr>
<td>11:15</td>
<td>Arterial Properties and Cardiovascular Disease</td>
<td>Reuven Zimlichman, The E. Wolfson Medical Center and Tel Aviv University, Holon, Israel</td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td>Knockout of Heme Oxygenase-1 in Lysozyme M Positive Cells Attenuates Angiotensin II-Induced Vascular Inflammation</td>
<td>Jeremy Lagrange, University Medical Center Mainz, Mainz, Germany</td>
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Guided Poster Presentations
**Guided Poster Presentations | Sunday, October 15, 2017**

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</table>
| 10:15-10:45   | G11: Basic Research, Molecular Biology | C. Ventura, Italy; H. Sadek, USA   | 1. The Effect of Compounds Isolated from Nannochloropsis sp. Microalgae on PON1 and HDL Activities  
Soliman Khatib, Faculty of Sciences and Technologies, Tel Hai College, Upper Galilee, Israel  
2. High Lipoprotein (a) Level is a Predictor for Peripheral Artery Disease Regardless of the Presence of Type 2 Diabetes  
Marat Ezhov, FSBI Russian Cardiology Research and Production Complex of MoH of RF, Moscow, Russia |
Enrico Macias, Angeles del Pedregal Hospital, Mexico City, Mexico  
2. Hybrid Therapy for Lower Extremity Acute Arterial Occlusion  
Shigeki Ito, Nishitokyo Chuo Genral Hospital, Tokyo, Shibakubo-machi Nishitokyo-shi, Japan  
3. Predictors and Long-Term Clinical Outcome of Longitudinal Stent Deformation  
Kyung Woo Park, Seoul National University Hospital, Seoul, South Korea |

**Guided Poster Presentations | Monday, October 16, 2017**

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| 10:15-10:45   | G31: Acute Coronary Syndromes, Acute Myocardial Infarction | C. Hassager, Denmark; J.D. Horowitz, Australia | 1. Plasma Lipids during Acute Coronary Syndrome: Association to Malignancy Mortality after 17 Years of Follow-Up: The ABC-4 Study on Acute Coronary Syndrome  
Giuseppe Berton, Cardiology, Conegliano General Hospital, Italy  
2. The Association between Red Cell Distribution Width and Worse Outcomes in Patients Hospitalized due to Chest Pain  
Guy Topaz, Meir Medical Center, Kfar Saba, Israel  
3. Improved Acute Myocardial Ischemia Detection using Vessel-Specific Leads (VSL) Derived from the 12-Lead ECG  
John Wang, Philips Healthcare, Andover, MA, USA |
| 15:30-16:00   | G41: Diagnosis & Imaging      | A. Duerinckx, USA; R. Rubinshtein, Israel | 1. Criteria for Revascularization in Patients with Significant Coronary Artery Disease by CT Angiogram  
Antonio Fontes, Hospital do Divino Espírito Santo de Ponta Delgada, Ponta Delgada, Azores, Portugal  
2. Stress 3D Myocardial Contrast Echocardiography using Sonazoid is more Reliable at Detecting Myocardial Ischemic Areas than other Echocardiographic Methods  
Ri-ichiro Kakihara, Private Kakihara Clinic, Toyohashi, Aichi, Japan |
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<tr>
<td>10:15-10:45</td>
<td>G51: Clinical Aspects</td>
<td>Adequacy of Oral Anticoagulants Treatment in Patients with Non-Valvular Atrial Fibrillation in Primary Health Care of Catalonia, Spain</td>
<td>Alessandra Goncalves</td>
<td>Institut Català de la Salut, Tortosa, Tarragona, Spain</td>
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<td></td>
<td>Four Years of an Ambulatory Program of Nordic Walking: A New Tool for Primary and Secondary Prevention and Community's Health</td>
<td>Cristina Vehi</td>
<td>Institut Clinic Cardiovascular, Barcelona, Spain</td>
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Poster Presentations
Poster Presentations | Sunday, October 15, 2017

08:00-17:00  P111: Basic Research  Poster Area

1. Loss of Polycystin-1 in Cardiac Myocytes is Associated with Increased Cell Death after Myocardial Ischemia/Reperfusion  
   **Pablo Aranguiz**, Faculty of Medicine, University of Chile, Santiago, RM, Chile

2. Blood Level of CD45+ Platelets and Development of Restenosis after Drug-Eluting Stent Implantation in Patients with Stable Coronary Artery Disease and Type 2 Diabetes Mellitus  
   **Zufar Gabbasov**, Russian Cardiology Research and Production Complex, Moscow, Russia

3. Monomeric C-Reactive Protein Binds to Circulating Microparticles and Deposits into Atherosclerotic Plaques in Patients with Stable Coronary Artery Disease  
   **Zufar Gabbasov**, Russian Cardiology Research and Production Complex, Moscow, Russia

4. Transplantation of Adipose-Derived Stem Cell Sheet Attenuates Adverse Cardiac Remodeling in Acute Myocardial Infarction  
   **Kim Jong-Ho**, Korea University, Seoul, South Korea

5. Ganglioside Contributes to Regulation of Insulin Resistance in Human Aortic Endothelial Cells after TNFα Stimulation  
   **Norihiko Sasaki**, Tokyo Metropolitan Institute of Gerontology, Itabashi-ku, Tokyo, Japan

6. FTM HUCPVCS Significantly Increase Aortic Tissue Originated Angiogenesis, Microvascular Regeneration and Cardiac Function After Myocardial Infarction  
   **Peter Szaraz**, University of Toronto, Canada

7. Influence of Body Mass Index on Subclinical Atherosclerotic and Oxidative Stress Parameters in Human Leukocytes  
   **Victor Victor**, University Hospital Doctor Peset-FISABIO, Valencia, Spain

08:00-17:00  P112: Acute Coronary Syndromes & Acute Myocardial Infarction  Poster Area

1. The Role of MMP-9,TIMP-1,IL-6 and hS-CRP in Evaluation of Atheromatous Plaque Instability in Patients with Coronary Artery Disease  
   **Cristian Romeo Revnic**, Internal Medicine, UMF Carol Davila, Bucharest, Romania

2. The Value of Monocyte to Lymphocyte Ratio on Predicting the Early Prognosis of Patients with ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Agne Sopiene, Hospital of Lithuanian University of Health Sciences, Kaunas, Lithuania

3. Iodine Allergy and Percutaneous Coronary Intervention Consequences among Chest Pain Patients Hospitalized in Internal Medicine Wards  
   **Guy Topaz**, Meir Medical Center, Kfar Saba, Israel

4. Prognostic Role of Epicardial Adipose Tissue Thickness in STEMI Patients Treated with Percutaneous Coronary Intervention  
   **Olivija Gustiene**, Lithuanian University of Health Sciences, Kaunas, Lithuania

5. Can Left Ventricular Systolic Function Estimated during Acute Coronary Syndrom Predict Long-Term Clinical Outcome?  
   **Marija Vavlukis**, Methodius University, Skopje, Macedonia
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<th>08:00-17:00</th>
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<tr>
<td>1. The Dual Anti Platelet Therapy (DAPT) Score does not Predict Ischemic or Bleeding Events in ADAPT-DES</td>
<td><strong>Sorin Brener</strong>, NYP Brooklyn Methodist Hospital, Brooklyn, NY, USA</td>
<td></td>
</tr>
<tr>
<td>2. Excimer Laser Coronary Angioplasty for In-stent Restenosis: Impact of Tissue Characteristics Assessed by Optical Coherence Tomography on Acute and Mid-term Results</td>
<td><strong>Sho Hashimoto</strong>, Sakurakai Takahashi Hospital, Japan</td>
<td></td>
</tr>
<tr>
<td>3. Preliminary Examination about Clinical Factors that Affect Re-Restenoses of Instant Restenotic Lesions Treated with Drug Eluting Balloons</td>
<td><strong>Katsumi Saito</strong>, Nishiarai Heart Center Hospital, Adachi, Tokyo, Japan</td>
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<th>P114: Valves &amp; Surgery</th>
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<tr>
<td>1. Long-Term Follow-Up of Patients with Severe Aortic Stenosis Treated with a Self-Expanding Prosthesis</td>
<td><strong>Pablo Avanzas</strong>, Hospital Universitario Central de Asturias, Oviedo, Spain</td>
<td></td>
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<tr>
<td>2. Acute Anatomic Changes after Transcatheter Mitral Valve Repair</td>
<td><strong>Pablo Avanzas</strong>, Hospital Universitario Central de Asturias, Oviedo, Spain</td>
<td></td>
</tr>
<tr>
<td>3. Rare Case of Multiple Giant Coronary Aneurysms in Behcet Disease: Surgical Treatment</td>
<td><strong>Javier Garcia-Carro</strong>, Clinic Universitary Hospital, Santiago de Compostela, A Coruña, Spain</td>
<td></td>
</tr>
<tr>
<td>4. Single Clamp during Off Pump Coronary Artery Bypass Grafting Reduces Postoperative Stroke</td>
<td><strong>Damian Gimpel</strong>, The Waikato Hospital, Hamilton, Waikato, New Zealand</td>
<td></td>
</tr>
<tr>
<td>5. Preliminary Results of Minimal Invasive Aortic Replacement</td>
<td><strong>Julio Ibarra</strong>, G.Fricke Hospital, Vina del Mar, Valparaiso, Chile</td>
<td></td>
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<tr>
<td>6. Usefulness of Three Dimensional Transeosophageal Echocardiography in Balloon Aortic Valvuoplasty for Patients with Aortic Stenosis</td>
<td><strong>Kazato Ito</strong>, Shiroyama Hospital, Habikino, Japan</td>
<td></td>
</tr>
<tr>
<td>7. Anomalous Connection of the Right Coronary Artery to the Opposite Sinus with Interarterial Course: Direct Reimplantation without Transverse Aortotomy</td>
<td><strong>Julia Mitchell</strong>, Cardiologic Hospital Louis Pradel, Lyon, France</td>
<td></td>
</tr>
<tr>
<td>8. The Repair of Abdominal Aortic Aneurysm with Ischemic Heart Disease: EVAR vs Open AAA Repair</td>
<td><strong>Yoshiharu Takahara</strong>, Funabashi Municipal Medical Center, Funabashi, Chiba, Japan</td>
<td></td>
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<tr>
<th>08:00-17:00</th>
<th>P115: Prevention</th>
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<td>1. Stable Coronary Artery Disease in People with Diabetes: Clinical, Laboratorial and Angiographic Profile</td>
<td><strong>Antonio Fontes</strong>, Hospital do Divino Espírito Santo de Ponta Delgada, Azores, Portugal</td>
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<td>2. The Clinical Utility of Scoring Systems such as TIMI Risk Score and Heart Score for Patients &gt;65 Years Old</td>
<td><strong>Andrew Kohut</strong>, Drexel University College of Medicine, Philadelphia, PA, USA</td>
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<td>3. Autonomic Imbalance and Heart Rate Variability in Korean with Metabolic and Cardiovascular Risk Factors</td>
<td><strong>Mi-Hee Kong</strong>, Jeju National University &amp; Hospital, Jeju-si, Jeju-do, South Korea</td>
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<td>4. Relationship between Increased Urinary Albumin Excretion and Cardiovascular Mortality Risk in the General Population</td>
<td><strong>Satoshi Konno</strong>, Division of Hypertension, Tohoku Rosai Hospital, Japan</td>
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5. Neglected by the Evidence: Nursing Home Residents with Cardiovascular Disease
   Kate Lapane, University of Massachusetts Medical School, Worcester, MA, USA

6. PETCO2 is Correlated with Peak Cardiac Output during Exercise in Patients with Ischemic Heart Disease
   Makoto Murata, Gunma Prefectural Cardiovascular Center, Maebashi, Gunma, Japan

7. Sex-Differences in Cardiovascular Risk Factors for Incidence of Acute Myocardial Infarction and Coronary Death in the Japanese General Population
   Motoyuki Nakamura, Iwate Medical University, Morioka, Iwate, Japan

8. Relationship of the Red Cell Distribution Width and Mean Platelet Volume with the Severity of Preeclampsia
   Alejandro Rosas-Cabral, Universidad Autónoma de Aguascalientes, Aguascalientes, Mexico

9. Cardiac Surgery Operative Risk Assessment in Patients with Impaired Systolic Left Ventricular Function Using Cardial Biomarkers
   Lazar Velicki, University of Novi Sad, Novi Sad, Serbia

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**Poster Presentations | Monday, October 16, 2017**

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   Pablo Avanzas, Instituto de Investigación Sanitaria del Principado de Asturias, Oviedo, Spain |
| 2.          | Management of Microvascular Angina: Trimetazidine Improves Clinical Symptoms and Reduces Microvascular Dysfunction
   Svetlana Boldueva, University I.I. Mechnikov, St-Petersburg, Russia |
| 3.          | Direct Oral Anticoagulants (DOAC) and Ticagrelor as an Alternative to Triple Antithrombotic Therapy after an Acute Coronary Syndrome in Patients with Atrial Fibrillation
   Nazim Isma, Skåne University Hospital, Lund and Malmö, Skåne, Sweden |
| 4.          | ST-Elevation Myocardial Infarction in Patient with Anabolic Steroid Abuse
   Andrew Kohut, Drexel University College of Medicine, Philadelphia, PA, USA |
| 5.          | Changes in Serum Potassium Levels are Associated with In-Hospital Mortality of Acute Myocardial Infarction Patients
   Ygal Plakht, Ben-Gurion University of the Negev, Beer-Sheva, Israel |
| 6.          | Association of Eating Habits with Incident Cardiac Events among Filipino Patients at University of Santo Tomas Hospital: A Correlational Study
   Jenn Rachelle Santos, University of Santo Tomas Hospital, Manila, Philippines |
| 7.          | ST- Elevation Myocardial Infarction in Patients under 40 Years Old: Observational Study of more than a Decade
   Guy Topaz, Rabin Medical Center, Petah-Tikva, Israel |

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<th>P212: Atherosclerosis, Lipids &amp; Lipoproteins</th>
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| 1.          | Aged Garlic Extract Attenuates Inflammation and Retards the Development of Atherosclerosis in Apolipoprotein E-Knockout Mice
   Satomi Miki, Drug Discovery Laboratory, Wakunaga Pharmaceutical Co., Ltd., Akitakata, Hiroshima, Japan |
| 2.          | Genetic Hypercholesterolemic Mice Accumulate Cholesterol in Plasma and Body due to an Increased Cholesterol Production and Impairment of the Body Cholesterol Clearance
   Valeria Sutti Nunes, Laboratorio de Lipides, LIM-10, Hospital das Clínicas , Faculdade de Medicina, Universidade de São Paulo, Sao Paulo, SP, Brazil |
| 3.          | Proton Transverse Relaxation Times Studies of Aging Rat Heart with Experimental Atherosclerosis
   Cristian Romeo Revnic, UMF "Carol Davila", Bucharest, Romania |
4. Progressive Calcification of the Coronary Tree in an Athlete with High Factor VIII
   Carlos Zaldo, Universidad de Guanajuato, León, Guanajuato, Mexico

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<td>P213: Diagnosis</td>
<td>Comparison of Cardiopulmonary Exercise Test Derived Ventilation-,</td>
<td>Paul Beckers, Antwerp University Hospital, Edegem, Antwerp, Belgium</td>
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<td>Methods &amp; Imaging</td>
<td>Metabolic- and Cardiac-Thresholds in Patients with Coronary Artery</td>
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<td>Contrast-Induced Encephalopathy following Coronary Angiography with</td>
<td>Abhishek Dattani, Northampton General Hospital NHS Trust, Northampton,</td>
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<td>No Radiological Features: A Case Report and Review of the Literature</td>
<td>UK</td>
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<td>New Diagnostic Integration Model of Cardiac Insufficiency in Primary</td>
<td>Alessandra Gonvlaves, Gerència Territorial de l'Institut Català de la</td>
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<td>The Role of Myocardial Perfusion Scintigraphy in Diagnosis of Patients</td>
<td>Milana Iveta Mintale, Pauls Stradins Clinical University Hospital,</td>
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<td>with Coronary Artery Disease</td>
<td>Riga, Latvia</td>
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<td>What Comes Next for Hard Calcification and Multiple Stents in</td>
<td>Shunsuke Natori, Hokkaido Social Work Association, Furano Hospital,</td>
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<td>Coronary Lesions?</td>
<td>Furano, Hokkaido, Japan</td>
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<td>08:00-17:00</td>
<td>P215: Drug Therapy</td>
<td>The Effectiveness of Trimetazidine Treatment in Patients with Stable</td>
<td>Maria Glezer, Sechenov’s First Moscow Medical State University,</td>
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<td>&amp; Clinical Trials</td>
<td>Angina Pectoris of Various Duration: Results from the Choice 2 Study</td>
<td>Moscow, Russia</td>
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<td>Safety of Ivabradine Modified Release Formulation Compared to</td>
<td>Roberto Ferrari, Universita Di Ferrara, Divisione Di Cardiologia,</td>
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<td>Ivabradine Immediate Release Formulation in Patients with Stable</td>
<td>Ferrara, Italy</td>
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<td>Coronary Artery Disease</td>
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<td>Green Tea Extract Improved Lipids but did not Modify Arterial</td>
<td>Fernando Grover Paez, University of Guadalajara, Guadalajara, Jalisco,</td>
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<td>Stiffness in Patients with Type 2 Diabetes</td>
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<td>The Effect of Antiplatelet P2Y12 Receptor Blockers on Anti-</td>
<td>Katarzyna Korybalska, Poznań University of Medical Science, Poznań,</td>
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<td>Inflammatory Properties of Vascular Endothelial Cells in Vitro</td>
<td>Wielkopolska, Poland</td>
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<td>08:00-17:00</td>
<td>P216: Endothelial</td>
<td>K+ Channels Underlie Conducted Vasodilation in Human Coronary</td>
<td>Kim Dora, University of Oxford, Oxford, Oxfordshire, UK</td>
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<td>Function &amp; Vascular</td>
<td>Arterioles</td>
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<td>Biology</td>
<td>Endogenous Nitric Oxide Production Inhibits Myogenic Tone in Rat</td>
<td>Kim Dora, University of Oxford, Oxford, Oxfordshire, UK</td>
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<td>Coronary Arteries</td>
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<td>Physiological Evaluation of Beta-Blockers versus Vasodilator</td>
<td>Eliezer Klainman, Israel</td>
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<td>Treatment in Hypertensive Patients by Cardiopulmonary and Bioimpedance Cardiography Exercise Tests</td>
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**Sukhraj Kaloya**, University of Strathclyde, Glasgow, UK

5. Possibility of Determination Coagulation System Activation on Basis Expression of Tissue Factor  
**Ludek Slavik**, University Hospital Olomouc, Olomouc, Czech Republic

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**08:00-17:00  P217: Angiogenesis & Basic Research**

**Poster Area**

1. Cell-Based Treatment of Ischemic Diseases: Rationale for Transplanting Human Adipose-Derived Progenitor Cells Instead of Freshly Isolated Stromal Cells  
**Robert Cafferata**, University of Florida, Jacksonville, FL, USA

2. The Effect of Antiplatelet P2Y12 Receptor Blockers on Angiogenic Properties of Vascular Endothelial Cells in Vitro  
**Katarzyna Korybalska**, Poznań University of Medical Science, Poznań, Wielkopolska, Poland

3. Coronary Artery Disease Risk Conferred by a Genetic Variant that Blocks Alternative Polyadenylation of IRF2BP2 in Human Arterial Smooth Muscle Cells  
**Alexandre Stewart**, University of Ottawa Heart Institute, Ottawa, ON, Canada

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**Poster Presentations | Tuesday, October 17, 2017**

**08:00-13:00  P311: Acute Coronary Syndromes & Acute Myocardial Infarction**

**Poster Area**

1. Clinical Outcomes of Trimetazidine in Patients with Acute ST Segment Elevation Myocardial Infarction after Primary Percutaneous Coronary Intervention  
**Hamlet Hayrapetyan**, Erebouni Medical Center, Yerevan, Armenia

2. Evaluation of the St Vincent's Hospital Heart Health Website: An Evidence-Based Resource Tool  
**Nikki Molan**, Cardiology, St Vincent's Hospital, Sydney, Australia

3. Coronary Artery Disease in HIV Patients: Are we Meeting Guidelines?  
**James Nadel**, St Vincent's Hospital, Sydney, NSW, Australia

4. Prediction of Mortality in Hospital Survivors of STEMI: External Validation of a Novel Acute Myocardial Infarction Prognostic Score  
**Arthur Shiyovich**, Rabin Medical Center, Petah Tikva, Israel

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**08:00-13:00  P312: Angina Pectoris & Myocardial Ischemia**

**Poster Area**

1. Polimorfism C825t Gene Beta-3-Subunit of G Protein and Traditional Risk Factors among Young and Middle-Age Women with Coronary Artery Disease  
**Svetlana Boldueva**, North-Western State Medical University named I.I. Mechnikov, St-Petersburg, Russia

2. Inflammatory Response after Coronary Stent Implantation Depending on Plaque Morphology Assessed by Intravascular Ultrasound  
**Marat Ezhov**, FSBI Russian Cardiology Research and Production Complex of MoH of RF, Moscow, Russia

3. Changes in Complete Blood Counts in Patients with Ischemic Heart Disease and Instent Restenosis  
**Albert Galyavich**, Kazan State Medical University, Kazan, Russia

4. Correlation in Severity of Coronary and Carotid Arteries Atherosclerosis in Patients with Ischemic Heart Disease and Diabetes Mellitus  
**Albert Galyavich**, Kazan State Medical University, Kazan, Russia

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Poster Presentations | Tuesday, October 17, 2017 (Cont.)

5. Five-Year Results of Endovascular Treatment of Patients with Left Main Coronary Arteries Bifurcation Lesions
   **Daniil Maximkin**, RUDN University, Moscow, Russia

6. Percutaneous Revascularization of Chronic Total Occlusion of LIMA to LAD Anastomosis
   **Viacheslav Volodin**, Institute of General and Emergency Surgery of NAMS of Ukraine, Kharkiv, Ukraine

08:00-13:00  **P313: Arrhythmias, EKG & Pacing**

1. Pathological Inferior Q Wave: Prevalence in the Spanish Population over 40 Years and Association with Heart Disease
   **Paula Awamleh Garcia**, Hospital Universitario de Getafe, Madrid, Spain

2. Successful Therapy of Fibroma Induced Ventricular Tachycardia in an Adult Patient
   **Dimitriadis Dimokritos**, General Hospital of Serres, Serres, Greece

3. Clinical Decision Support Tool to Improve Treatment Adequacy of Non-Valvular Atrial Fibrillation in the Catalan Primary Care: Randomized Clinical Trial
   **Alessandra Goncalves**, Institut Català de la Salut, Tortosa, Tarragona, Spain

4. Impact of Oral Anticoagulants on Platelets Function
   **Marcin Makowski**, Medical University of Lodz, Lodz, Poland

5. Bidirectional Ventricular Tachycardia Atypical: Case Report
   **Jose Enrique Martinez Villalobos**, Unidad Médica de Alta Especialidad T1, Servicio de Cardiología y Electrofisiología, Leon, Guanajuato, Mexico

6. Ticagrelor and Subacute Atrioventricular Block: Later It's Possible
   **Arturo Martin-Penato Molina**, Hospital Universitario Infanta Sofia, San Sebastian de los Reyes, Madrid, Spain

7. Successful Treatment of Cardiomyopathy Induced by Premature Ventricular Complexes
   **Nandakumar Ramakrishnan**, Institute Jantung Negara, Kuala Lumpur, Malaysia

8. Loss of Capture by Myocardial Ischemia: A Case Report
   **Arnaud Sonou**, Centre Hospitalier Universitaire Départemental de l’Ouémé-Plateau, Porto-Novo, Benin

08:00-13:00  **P314: Hypertension**

1. Cardiosteroids and Genetic Factors in the Development of Salt-Sensitive Hypertension in Georgian Subjects
   **Irine Andronikashvili**, Tbilisi State Medical University, Tbilisi, Georgia

2. Daily Features Data Monitoring Blood Pressure in Patients with Hypertension
   **Alina Babets**, Dnipropetrovsk Medical Academy of the Ministry of Health of Ukraine, Dnepropetrovsk, Ukraine

3. Heart Remodeling in Arterial Hypertensiv Patients with Ischemic Stroke in Anamnesis
   **Alina Babets**, Dnipropetrovsk Medical Academy of the Ministry of Health of Ukraine, Dnepropetrovsk, Ukraine
1. We Control the Cardiac Insuff Ciency from Primary Care. We will Empower Nurses
   **Alessandra Goncalves**, Gerència Territorial de l'Institut Català de la Salut. Terres de l'Ebre, Tortosa, Tarragona, Spain

2. Structural Equation Model for the Utilization of Smartphone Technology for TLC among People with Schizophrenia
   **Kyounghee Lee**, Keimyung University, Daegu, South Korea

3. Prognostic Value of NT-ProBNP in Acute ST Elevation Myocardial Infarction who Underwent Primary Percutaneous Coronary Intervention
   **Nandakumar Ramakrishnan**, Institute Jantung Negara, Kuala Lumpur, Malaysia

4. Obstructive Sleep Apnea Increases Hemoglobin A1c Levels in Individuals with Normal Glucose Tolerance as well as in those with Abnormal Glucose Tolerance
   **Akira Tamura**, Tenshindo Hetsugi Hospital, Japan

5. Patient Preferences for Type of Community-Based Cardiac Rehabilitation Programme
   **Shermain Theng Xin**, Duke-NUS Medical School, Singapore

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1. PCSK9 Inhibitors (A Novel Cholesterol Lowering Medicine) use in the Management of Cardiovascular Disease (CVD), Isle of Wight Experience, UK
   **Ali Al-bahrani**, St Mary's Hospital, Newport, Isle of Wight, UK

2. Sonodynamic Therapy of Early Stage Atherosclerosis Using Pulsed Low-Intensity Focused Ultrasound Accompanied by Protoporphyrin IX-Loaded Microbubbles Administration
   **Hossein Mehrad**, Tabriz University of Medical Sciences- Imam Reza Hospital, Tabriz, Iran

3. Advanced Atherosclerosis Regression using Pulsed Low-Intensity Focused Ultrasound Accompanied by Atorvastatin-Loaded Microbubbles Administration
   **Hossein Mehrad**, Tabriz University of Medical Sciences- Imam Reza Hospital, Tabriz, Iran

4. 14C Myristic Acid and 3H Cholesterol Uptake in Aging Rat Aorta Andheart Muscle. The Impact of Serum Factors from Dyslipidemic Patient
   **Cristian Romeo Revnic**, Internal Medicine, UMF Carol Davila, Bucharest, Romania

5. Relationship between Low Testosterone Levels, Oxidative Stress, Mitochondrial Dysfunction and Altered Subclinical Atherosclerotic Markers in Type 2 Diabetes
   **Victor Victor**, University Hospital Doctor Peset-FISABIO, Valencia, Spain