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555th Conference

Scientific Program

8th Global Cardiologists & Echocardiography Annual Meeting

Berlin, Germany July 18-20, 2016



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Scientific Program

Day 1 July 18, 2016

08:00-08:30 **Registrations**

Emporio II

conferenceseries.com **08:30-08:50** **Opening Ceremony**

Keynote Forum

08:50-09:00 **Introduction**

09:00-09:30 **Raimund Erbel,** University Duisburg-Essen, Germany

09:30-10:00 **Jens Frahm,** Max-Planck-Institut für biophysikalische Chemie, Germany

10:00-10:30 **Guy Hugues Fontaine,** Universite Pierre et Marie Curie, France

Group Photo: 10:30-10:40

Video Presentation and Book Launch by **Manuela Stoicescu,** Oradea University, Romania

Networking and Refreshments Break @ Main Lobby 10:40-11:00

Track 1: Cardiologists
Track 2: Pediatric Cardiology
Track 3: Heart Diseases

Session Introduction

Session Chair: Marco Picichè, San Camillo-Forlanini Hospital, Italy

Session Co-chair: Robert Skalik, Medical University of Wroclaw, Poland

11:00-11:20 **Ten year performance of the 4.1 French, lumenless, catheter-delivered pacing lead among patients with and without congenital heart**
Peter P Karpawich, The Children's Hospital of Michigan, USA

11:20-11:40 **Surgical approach to heart valve infective endocarditis complicated by abscess: A single center experience**
Marco Picichè, San Camillo-Forlanini Hospital, Italy

11:40-12:00 **Which type of stem cells and what method for implantation should be preferred in pediatric cardiology**
Aris Lacis, University Children Hospital, Latvia

12:00-12:20 **History of development of pediatric cardiology**
Brojendra Agarwala, University of Chicago Medicine Comer Children's Hospital, USA

12:20-12:40 **Functional morphology of the heart calls for a revised circulation model**
Branko Furst, Albany Medical College, USA

12:40-13:00 **Impact of hypercholesterolemia on cardiac K+ channels**
Irena Levitan, University of Illinois, USA

13:00-13:20 **Correlation between the plasma fibrinogen concentration and coronary heart disease severity in Moroccan patients with type 2 diabetes**
Asma Chadli, Casablanca-Hassan II University, Morocco

Lunch Break @ Element I+II Restaurant 13:20-14:00

Special Session on Personalized e -healthcare in the connected world – The applications and use cases of new emerging technology by Robert Skalik, Medical University of Wroclaw, Poland @14:00-14:40

Track 1: Cardiologists | Track 2: Pediatric Cardiology | Track 3: Heart Diseases

14:40-15:00 **An update on the management of Alagille syndrome**
Natasa Chrysodonta, Hinchingbrooke Hospital, UK

15:00-15:20 **Study of the relation between serum testosterone level and carotid atherosclerosis in elderly males**
Nany Hassan Abu Al-Makarim El Gayar, Alexandria University, Egypt

15:20-15:40 **The role of the stellate ganglion block in heart diseases**
Lorenz Fischer, University of Bern, Switzerland

Symposium on Myocarditis and Inflammatory Cardiomyopathies - Diagnosis and Treatment

15:40-16:40

Diagnostic and therapeutic implications of microRNAs and long noncoding RNA Research
Wolfgang Poller, Charité-Universitätsmedizin Berlin, Germany

Recent advances in EMB Diagnostics
Dirk Lassner, IKDT GmbH Berlin, Germany

The need of personalized medicine and specific treatment in inflammatory cardiomyopathy to improve prognosis
Heinz-Peter Schultheiss, Institute of Cardiac and Diagnostic Therapy (IKDT) Berlin, Germany

Nextgeneration molecular diagnosis for inherited cardiovascular diseases
Lorenzo Monserrat, Coruña University Hospital, Spain

Networking and Refreshments Break @ Main Lobby 16:40-16:50

Track 5: Echocardiography

Session Introduction

Session Chair: Fabiola B Sozzi, University of Milan, Italy

16:50-17:10 **Cardiac magnetic resonance imaging for coronary artery disease**
Fabiola B Sozzi, University of Milan, Italy

17:10-17:30 **Echocardiography approach to childhood Pulmonary Hypertension. What is the best way for initial assessment?**
Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan

17:30-17:50 **A new technic for patient safety: A (aortic) mode TEE**
Baris Cankaya, Marmara University Hospital, Turkey

17:50- 18:10 **Prevention of diabetic cardiomyopathy in pediatrics**
Osama A Tolba El Razaky, Tanta University, Egypt

Panel Discussion

Day 2 July 19, 2016

Emporio II

Keynote Forum

09:00-09:25 **Roland Hetzer,** Former Medical Director, German Heart Institute Berlin, Germany

Track 4: Interventional Cardiology
Track 5: Echocardiography
Track 6: Heart and Blood Vessel Surgeries

Session Introduction

Session Chair: Almasri H Hatem, Specialized Heart Center KAMC, Saudi Arabia

09:25-09:45 **Echocardiographic methods for preclinical detection of diabetic heart disease and in cardio-oncology**
Bernhard Mumm, TOMTEC Imaging Systems, Germany

09:45-10:05 **PACU update: The cardiac patient undergoing non-cardiac surgery**
A D John, Johns Hopkins University School of Medicine, USA

Networking and Refreshments Break @ Main Lobby 10:05-10:15

10:15-10:35 **The use of strain imaging in detection and management of patients with early cardiomyopathy: Focus on diabetic cardiomyopathy**
Issam A Mikati, Northwestern University Chicago, USA

10:35-10:55 **Cardiac rupture in Takotsubo cardiomyopathy**
Alfredo E Rodriguez, Centro de Estudios en Cardiología Intervencionista, Argentina

10:55-11:15 **Early fetal echocardiography for congenital heart disease detection: A preliminary experience and outcome analysis of 102 fetuses to demonstrate the value of a clinical flow-chart designed for at-risk pregnancy management**
Flavia Ventriglia, Sapienza University of Rome, Italy

11:15-11:35 **The evolution of surgical myocardial revascularization**
Marco Picichè, San Camillo-Forlanini Hospital, Italy

11:35-11:55 **Screening of athletes – Should we go beyond standard electrocardiogram?**
Robert Skalik, Wrocław Medical University, Poland

Workshop on Stress echocardiography: Clinical value and prognosis
by Fabiola Sozzi, University of Milan, Italy @ 11:55-12:40

Lunch Break @ Element I+II Restaurant 12:40-13:25

Workshop on "Electrogenesis of Epsilon wave - A comprehensive review of this new ECG waveform"
by Guy Hugues Fontaine, Universite Pierre et Marie Curie, France @ 13:25-14:15

Keynote Forum

14:15-15:00 **Ada Yonath,** Weizmann Institute of Science, Israel

Track 4: Interventional Cardiology
Track 5: Echocardiography
Track 6: Heart and Blood Vessel Surgeries

Session Introduction

15:00-15:20 **Contractility (dP/dt-max)-guided determination of resynchronization pacing therapy for heart failure among patients with congenital heart**
Peter P Karpawich, The Children's Hospital of Michigan, USA

15:20-15:40 **Coronary artery reconstruction with internal mammary artery and vein patch grafting with or without endarterectomy**
Almasri H Hatem, Specialized Heart Center KAMC, Saudi Arabia

15:40-16:00	**Modifying syntax score according to PCI strategy: Lessons learnt from ERACI IV study** **Alfredo E Rodriguez,** Centro de Estudios en Cardiología Intervencionista, Argentina
16:00-16:20	**Role of 2-dimensional speckle tracking echocardiography in diagnosis of coronary artery disease instable angina pectoris patients** **Ehab E El-Hefny,** Al-Azhar University, Egypt
16:20-16:40	**Three dimensional right ventricle function** **Krasimira Hristova,** National Heart Hospital, Bulgaria

Networking and Refreshments Break @ Main Lobby 16:40-16:50

Symposium on The antagonistic Structure and Function of the Heart Muscle

16:50-18:50	**The ventricular mass is structured to function as an antagonistic system** **Paul Peter Lunkenheimer,** University of Muenster, Germany **The architecture of the mammalian left ventricle: Similarity with a bird's nest?** **Peter F Niederer,** ETH Zurich, Switzerland **Structure-function relationship in myocardial sub-structures** **Morten Smerup,** Copenhagen University Hospital, Denmark **MRI-3D-tagging insight into beta-blocker pharmaco-dynamics on the left ventricle supports theory of inner antagonism** **Boris Schmitt,** Deutsches Herzzentrum Berlin, Germany **The automatic framework for quantitative 3D myocardial structure analysis** **Christoph Brune,** University of Twente, The Netherlands **The structural heterogeneity of the cardiac mesh revealed by high-resolution micro-CT** **Robert Stephenson,** University of Central Lancashire, UK

Day 3 July 20, 2016

Emporio II

Track 7: Cardiac Nursing
Track 8: Heart Failure
Track 9: Diabetes and the Heart

Session Introduction

Session Chair: Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan

10:00-10:20	**Sudden unexpected death in young athlete** **Brojendra Agarwala,** University of Chicago Medicine Comer Children's Hospital, USA
10:20-10:40	**Neglected mechanisms of cardiopulmonary capacity in health and heart failure- Why brain and heat stress really matter?** **Robert Skalik,** Wrocław Medical University, Poland
10:40-11:00	**Functional capacity is an independent predictor of mortality in heart failure patients with low ejection fraction** **Rohit M Sane,** Madhavbaug Cardiac Rehabilitation Centre, India

Networking and Refreshments Break @ Main Lobby 11:00-11:15

11:15-11:35	**Swiprosin – How cardiomyocytes can reorganize their sarcomeres and couple remodeling to β-adrenoceptor desensitization** **Klaus-Dieter Schlüter,** Justus-Liebig University Giessen, Germany
11:35-11:55	**The genetic aspect of human heart development in aspect of prenatal diagnosis** **Krzysztof Piotrowski,** Pomeranian Medical University, Poland
11:55-12:15	**TEE monitoring TAVI can predict in procedure complications that allow early management for favorable outcome, KFAFH experience** **Youssef Fathy Mohamed Nosir,** King Fahad Armed Forces Hospital, Saudi Arabia
12:15-12:35	**Treatment of heart failure in childhood strategies presented in the 2014 guidelines by ISHLT** **Andreas C Petropoulos,** Azerbaijan Medical University, Azerbaijan
12:35-12:55	**Comparative study between the degree of coronary artery stenosis estimated by coronary intervention and extent of calcium score estimated by multislice CT in Egyptian patients with low and intermediate calcium scores** **Ehab E El-Hefny,** Al-Azhar University, Egypt

Lunch Break @ Element I+II Restaurant 12:55-13:40

13:40-14:00	**Serum total osteocalcin level as a vascular marker in elderly patients with metabolic syndrome** **Nany Hassan Abu Al-Makarim El Gayar,** Alexandria University, Egypt
14:00-14:20	**Balloon mitral valvotomy in youngest rheumatic mitral stenosis patient** **Shailesh Kumar Patil,** Fabiani & Budhrani Heart Institute, India
14:20-14:40	**MINI-OPCABG an alternative to hybrid coronary revascularization** **Vincenzo Cianci,** University of Swansea, UK

14:40-15:00	**The correlation between speckle tracking echocardiography and coronary artery disease in patients with suspected stable angina pectoris** **Shaimaa Moustafa,** Benha University, Egypt

Young Researchers Forum

15:00-15:15	**Survival analysis and postoperative complications after ventricular assist device implantation, prognostic value of INTERMACS scale** **Ahmed A,** University Hospital of Essen, Germany
15:15-15:30	**The role of NTproBNP in predicting prognosis and cardiovascular events in patients with heart failure** **Adriana Tamburello,** University Hospital "Paolo Giaccone", Italy
15:30-15:45	**The role of cardiac high energy phosphate metabolism in cardiac function and performance: The impact of age** **Maria Nathania,** Newcastle University, UK
15:45-16:00	**Cardiac resynchronisation therapy** **Naresh Sen,** Narayana Hrudayalaya Institute of Medical Science, India
16:00-16:15	**Value of neutrophil to lymphocyte ratio as a predictor of mortality in patients with heart failure with preserved ejection fraction** **Zaid Altheeb,** New York Medical College, USA
16:15-16:30	**The behavior of cardiac necrosis biomarkers in patients without myocardial infarction after on-pump surgical revascularization. A study of cardiac magnetic resonance imaging** **Fernando Oikawa,** Brazil

Networking and Refreshments Break @ Main Lobby 16:30-16:45

Closing Ceremony

Poster Presentations **Day 2 @ 16:50-17:10**

P1	**Sengers syndrome-A rare cause of hypertrophic obstructive cadiomyopathy** **Manjusha Hira,** Watford General Hospital, UK
P2	**Left ventricular pseudo-aneurysm in a patient with undocumented MI and no past cardiac surgery** **Ryan M Monti,** Mountainside Hospital, USA
P3	**Lifestyle intervention with integrated medicine in primary and secondary prevention for common cardiovascular disorders** **Sonal Tanwar,** Rajasthan University of Health Science, India
P4	**Platelet reactivity unit in predicting risk of bleeding in patients undergoing coronary artery bypass graft surgery** **Zaid Altheeb,** New York Medical College, USA
P5	**Study of prevalence, clinical presentation and risk factors in patients with coronary slow flow** **Shailesh Kumar Patil,** Fabiani & Budhrani Heart Institute, India
P6	**Comparison of thyroid stimulating hormone level and PR interval in hypothyroid patients being treated with levothyroxine** **Zaid Altheeb,** New York Medical College, USA
P7	**A systemic review: Relation between diet and cardiovascular risk factors** **Deepak Singh Bais,** Tongji University School of Medicine, China
P8	**Congenital aneurysm in the Mitral-Aortic Intervalvular fossa in a 7-year old** **Nandita Sharma,** Penn State Hershey Milton S. Center, USA

