

Scientific Program

International Conference and Exhibition on

Pediatric Cardiology

August 25-27, 2015 Valencia, Spain



OMICS International Conferences:

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August 25-27, 2015 Valencia, Spain

Day 1 August 25, 2015

08:00-09:00 Registrations

Valentia C**conferenceseries.com 09:00-09:30****Opening Ceremony****Keynote Forum**

- 09:30-09:35 Introduction**
- 09:35-10:10 Christopher Snyder**
Rainbow Babies and Children's Hospital, USA
- 10:10-10:45 Bryan Cannon**
Mayo Clinic Rochester, USA

Networking & Refreshments Break 10:45-11:05 @ Foyer

- 11:05-11:40 Sofia Grinenco**
Hospital Italiano de Buenos Aires, Argentina

Track 1: Pediatric Cardiac Diseases**Track 2: Pediatric Cardiovascular Diseases****Track 3: Inflammatory Heart Diseases****Session Chair: Jie Tian**, Children's Hospital of Chongqing Medical University, China**Session Co-Chair: Flavia Ventriglia**, University of Rome, Italy**Session Introduction**

- 11:40-12:05 Title: Congenital heart defects**
Michael Jenkins, Case Western Reserve University, USA
- 12:05-12:30 Title: Assessment of subclinical cardiovascular risk factors in children and adolescents with celiac disease under treatment**
Mauricio Laerte Silva, Hospital Infantil Joana de Gusmao-Florianopolis, Brazil
- 12:30-12:55 Title: Hypoplastic left heart repair**
Daniela Poli, Centro Cardiologico Pediatrico del Mediterraneo, Italy

Lunch Break 12:55-13:45 @ Aqua

- 13:45-14:10 Title: Challenges in pediatric and congenital cardiac disease**
Edmo Atique Gabriel, UNILAGO, Brazil
- 14:10-14:35 Title: Early fetal echocardiography: Early congenital heart diseases detection in an experienced fetal cardiology project**
Flavia Ventriglia, University of Rome, Italy
- 14:35-15:00 Title: The genetic aspect of human heart development in aspect of prenatal diagnosis**
Krzysztof Piotrowski, Pomeranian Medical University, Poland
- 15:00-15:25 Title: Epicardial adipose tissue in children is associated with an unfavorable cardiometabolic risk profile, but is not a stronger indicator than BMI**
Ingrid Schusterova, Pavol Jozef Safarik University, Slovakia

Networking & Refreshments Break 15:25-15:45 @ Foyer

- 15:45-16:10 Title: Prevalence of myocarditis in pediatric intensive care unit cases presenting with other system involvement**
Hanaa Ibrahim Rady, Cairo University, Egypt
- 16:10-16:35 Title: Options in managing heart failure in pediatrics: What is new in the 2014 ISHLT guidelines?**
Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan
- 16:35-17:00 Title: Incidence of congenital heart disease among patients referred for echocardiography unit at Cairo University Children Hospital, concluding a referral criteria for echocardiographic study**
Soha Emam, Cairo University, Egypt
- 17:00-17:25 Title: Succinate receptor GPR91 is involved in pressure overload-induced right ventricular hypertrophy**
Yang Lei, Nanjing Medical University, China
- 17:25-17:50 Title: A review of acute cardiac abnormalities in children with Kawasaki disease in a tertiary hospital**
Clariss Lovelle A Blanco, St. Luke's Medical Center, Philippines

Keynote Forum

- 09:00-09:35 **Brojendra Agarwala**
University of Chicago, Comer Children's Hospital, USA
- 09:35-10:10 **Maurice J B van den Hoff**
University of Amsterdam, Netherlands

Track 4: Medical Management of Pediatric Heart Disorder

Track 5: Cardiovascular Development or Cardiac Surgery

Session Chair: Christopher Snyder, Rainbow Babies and Children's Hospital, USA

Session Co-Chair: Brojendra Agarwala, University of Chicago, Comer Children's Hospital, USA

Session Introduction

- 10:10-10:35 **Title: Nutrition support guidelines in the cardiac intensive care unit: Evidence or expert consensus based practice?**
Jorge A Coss-Bu, Texas Children's Hospital, USA
- 10:35-11:00 **Title: Bone marrow derived progenitor stem cell transplantation as a temporary measure before heart or lung transplantation in children**
Aris Lacis, University Children Hospital, Latvia

Networking & Refreshments Break 11:00-11:20 @ Foyer

- 11:20-11:45 **Title: Myocardium formation after the development of the linear heart tube**
Maurice J B van den Hoff, University of Amsterdam, Netherlands
- 11:45-12:10 **Title: Expansion of medical excellence processes in cardiac intensive care unit: Routine bedside debriefing followed by comprehensive root cause analysis after CPR**
Umesh Dyamenahalli, University of Chicago, Comer Children's Hospital, USA
- 12:10-12:35 **Title: The management of post-surgery pediatric heart failure: Current and future developments**
Omer Faruk Dogan, Numune Education and Training Center, Turkey
- 12:35-13:00 **Title: Strategies to prevent cardiac diseases in childhood**
Andreas C Petropoulos, Azerbaijan State Medical University, Azerbaijan

Lunch Break 13:00-13:50 @ Aqua

Poster Presentations 13:50-14:20 @ Foyer

- 14:20-14:45 **Title: Monitoring mortality and morbidity after heart surgery in children: Why, what and how?**
Christina Pagel, University College London, UK
- 14:45-15:10 **Title: A systematic review for the effectiveness of angiotensin receptor blockers vs. beta-blockers in the management of aortic root dilation in paediatric Marfan syndrome**
Natasa Chrysodonta, Hinchingsbrooke Health Care NHS Trust, UK
- 15:10-15:35 **Title: Neonates and infants with critical cardiac lesions and preoperative clinically proven/culture positive sepsis: Is waiting or refusing surgery justified?**
Munesh Tomer, Medanta- The Medicity, India

Networking & Refreshments Break 15:35-15:55 @ Foyer

Panel Discussion

Young Researcher's Forum

- 15:55-16:15 **Title: Effect of low level laser on healing of moderate sized induced septal defects on rabbits**
Hady Atef, Cairo University, Egypt
- 16:15-16:35 **Title: Relationship between structural and functional changes of the left ventricular and uric acid and obesity in children and adolescent**
Alzbeta Tohatyova, Pavol Jozef Safarik University in Kosice, Slovakia
- 16:35-16:55 **Title: Alcohol exposure induced Histone3 Lysine9 hyperacetylation and over-expression of heart development-related genes both *in vitro* and *in vivo***
Pan Bo, Children's Hospital of Chongqing Medical University, China
- 16:55-17:15 **Title: Effects of early versus routine determination of prothrombin and activated thromboplastin time in postoperative bleeding among pediatric patients undergoing cardiopulmonary bypass**
Rogelyn F Tapuro-Olais, Philippine Heart Center, Philippines

17:15-17:35 **Title: Pediatric extracorporeal life support systems and pediatric cardiopulmonary perfusion systems: Now and future**
Tolga Kurt, Canakkale Onsekiz Mart University, Turkey

Day 3 August 27, 2015

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Track 6: Diagnosis of Cardiac Problem

Track 7: New Research in Cardiology and Cardiac Surgery

Session Chair: Xupei Huang, Florida Atlantic University, USA

Session Co-Chair: Bryan Cannon, Mayo Clinic Rochester, USA

Session Introduction

09:30-09:55 **Title: Effects of anesthesia on inducibility during pediatric electrophysiology studies**
Christopher Snyder, Rainbow Babies and Children's Hospital, USA

09:55-10:20 **Title: Pediatric mechanical circulatory support**
Ivan Wilmot, Cincinnati Children's Hospital Heart Institute, USA

10:20-10:45 **Title: Fetal echocardiography in developing countries, what numbers reflect?**
Soha Emam, Cairo University, Egypt

10:45-11:10 **Title: Management of asymptomatic Wolff-Parkinson-White in children**
Bryan Cannon, Mayo Clinic Rochester, USA

Networking & Refreshments Break 11:10-11:30 @ Foyer

11:30-11:55 **Title: Diastolic dysfunction and heart failure: Mechanism and experimental treatment**
Xupei Huang, Florida Atlantic University, USA

11:55-12:20 **Title: Sudden cardiac death in school athletes**
Brojendra Agarwala, University of Chicago, Comer Children's Hospital, USA

12:20-12:45 **Title: The prenatal diagnosis of congenital heart defects**
Sofia Grinenco, Hospital Italiano de Buenos Aires, Argentina

12:45-13:10 **Title: Malnutrition and pediatric cardiac disease: What do we know?**
Jorge A Coss-Bu, Texas Children's Hospital, USA

Lunch Break 13:10-14:00 @ Aqua

14:00-14:25 **Title: Could be the severity of temporo-mandibular disorder a significant prognosis marker for cardiac involvement in MASS phenotype children?**
Paloma Manea, University of Medicine and Pharmacy "Gr.T.Popa", Romania

14:25-14:50 **Title: Measurements in Pediatric patients with cardiomyopathies: Comparison of cardiac magnetic resonance imaging and echocardiography**
Jie Tian, Children's Hospital of Chongqing Medical University, China

14:50-15:15 **Title: Antenatal diagnosis of congenital heart diseases**
Najlaa Al Rajaa, King Faisal University, Saudi Arabia

Networking & Refreshments Break 15:15-15:35 @ Foyer

15:35-16:00 **Title: Echocardiographic screening vs. symptomatic diagnosis for patent ductus arteriosus in preterms**
Gabriela Juarez, La Salle University, Mexico

16:00-16:25 **Title: Unconventional use of Amplatzer devices: Percutaneous closure of nonseptal cardiac defects/malformations**
Munesh Tomer, Medanta- The Medicity, India

16:25-16:50 **Title: Sedation and anesthesia in the cardiac catheterization lab**
David Gozal, The Hebrew University of Jerusalem, Israel

16:50-17:15 **Title: New advances in digital cardiography for screening and detecting heart diseases in children**
Amir A Sepehri, CAPIS, Belgium

Award Ceremony