

Pediatric Cardiology; From Cell to Patient
7-9 May
Marriot, Cairo

7th May 2013

8:30-9:30 Registration

9:30- 11:00 Plenary Sessions

- 1- Role of stem cells in Cardiac diseases. *Dr Konrad Brockmeier (Germany)*¹
- 2- Role of Mesenchymal stem cells in regenerative medicine. *Dr Taghrid1 Gaafar (Egypt)*
- 3- Ethical aspects in stem cell therapy. *Dr Samia Rizk (Egypt)*

11-11:30 Coffee break

HALL A

11:30- 13:00

- 1- 4D-Echo application in congenital heart diseases. *Dr Jaroslaw Kasprzak (Poland)*
- 2- Role of 4D in valvular heart diseases. *Dr Jaroslaw Kasprzak (Poland)*
- 3- Ebstein anomaly; role of 4D in echocardiography . *Dr Joseph Vettukattil (UK)*
- 4-Missed Right ventricle; role of tissue Doppler: *Dr Sameh Arab (Egypt)*
- 5- How to assess ASD by 4D TEE. *Dr Joseph Vettukattil (UK)*

13:00- 14:30

Cardiomyopathy session

- 1- Management of early versus late onset hypertrophic cardiomyopathy. *Dr Franco Cecchi (Italy)*
- 2- Arrhythmogenic right ventricular dysplasia, the enigma. *Dr Alpay Celiker (Turkey)*
- 3-LVNC: echo versus MRI. *Dr Sonia El Saeidi (Egypt)*
- 4- Updates on management of DCM. *Dr Zeinab Salah (Egypt)*
- 5- Genetic study of hereditary cardiac muscle disease. *Dr Franco Cecchi (Italy)*

14:30-15:00 Coffee break

15:00-16:30

Surgery Session

- 1- Challenges in management of patients with functionally univentricular heart in Turkey. *Dr Tayyar Sarioglu (Turkey)*
- 2- Outcome of Senning in Cairo University. *Dr Mohamed AbdElRaouf (Egypt)*
- 3- Outcome of Fontan in Cairo University. *Dr Hesham Shawky (Egypt)*

16:30-17-30 Lunch

HALL B

11:30- 13:00

- 1- Cancer Stem Cells. *Dr Iman Mansour 2(Egypt)2 2*
- 2- Stem Cells in liver regeneration. *Dr Hosny Salama 2(Egypt)*
- 3- Induced pluripotent stem cells in regenerative Medicine. *Dr Emin Kansu (Turkey)2*

13:00- 14:30

Institute of Cell Biology and Physiology session (ICBP)2

- 1- ICBP experience, 23 years from cell biology to regenerative medicine. *Dr 2Maya Siminoscu (Romania)22*
- 2- Modulation of Wharton Jelly derived MSC integration into cardiac tissue. *Dr Marilena Lupu (Romania)2*
- 3- Stem cell banking. *Dr Horia Manu (Romania)2*

14:30-15:00 Coffee break

15:00-16:30

Institute of Neurophysiology, Cologne University session2

- 1- Induced pluripotent stem cells clinical applications. *Dr Jurgen Heschler (Germany)*
- 2- Characterization of Embryonic Stem Cells derived smooth muscles and cardiomyocytes. *Dr 2Agapios2 Sachinidis (Germany)22*
- 3- Stem cell cryopreservation. *Dr Dimitry Spitkovsky (Germany)22*
- 4- Selection of high quality Induced Pluripotent Stem cells. *Dr Kurt Pfannkuche. (Germany)*

2

16:30-17:30 Lunch

8th May 2013

9:00- 10:30

Plenary session

- 1- Basic concepts in Cardiac development. *Dr Antoon Moorman (Netherlands)2*
- 2- Induced Pluripotent Sem cells in regenerative medicine *Dr2Emin Kansu (Turkey)*

10:30-11:00 Coffee Break

HALL A

11:00-12:30

Arrhythmology session

- 1- Postoperative Arrhythmias. Treatment options in children. *Dr Alpay Celiker (Turkey)*
- 2- 3D mapping of atrial tachycardia in children. *Dr Mervat Abu ElMaaty (Egypt)*
- 3- Pacing in children under 8 kilos. *Dr Wael Lotfy (Egypt)*
- 4- Arrhythmias in the neonate *Dr Ranya Hegazy (Egypt)*
- 5- Cryo versus RF ablation. Pros and cons *Dr Tamer Fahmy (Egypt)*

12:30- 14:00

Intervention Session I

- 1- Pediatric catheter interventions as an adjunct to pediatric cardiac surgery. *Dr I Vijayalakshmi (India)*
- 2- Catheter interventions post BCPC. *Dr Amal El-Sisy (Egypt)*
- 3- Stenting of the extracardiac conduit in children with protein losing enteropathy after Fontan completion. *Dr Konrad Brockmeier (Germany)*
- 4- New medical management of critical pulmonary stenosis/ pulmonary atresia intact interventricular septum. *Dr Omar Galal (Saudi Arabia)*
- 5- VSD closure, a new approach by *Dr Narayanswami Sreeram (Germany)*

14:00-14:30 Coffee Break

14:30- 16:00

ICU session

- 1- Diagnosis and management of postoperative heart failure. *Dr Evelyn Lechner (Austria)*
- 2- Sildenafil in pulmonary hypertension; from Wow to Yuk. *Dr Mahmoud El Barbary (Saudi Arabia)*
- 3- Analgesia and Sedation: How can it improve adequate postoperative circulation ?" *Dr Uwe Trieschmann (Germany)*
- 4- Natriuretic peptides and other biomarkers – Are they helpful in the cardiac ICU? *Dr Evelyn Lechner (Austria)*
- 5- Oxygen assessment between oversimplification to misinterpretation. *Dr Mahmoud El Barbary (Saudi Arabia)*

16:00-17:00 Lunch

HALL B

11:00- 12:30

- 1- Microarray characterization of Mesenchymal Stem Cells. *Dr Taghrid Gaafar (Egypt)*
- 2- Comparative characteristics of MSCs derived from UBC, Wharton's Jelly and adipose tissue. *Dr Shereen Shawky (Egypt)*

12:30-14:00

- 1- Restoration of Cardiac function in a rat model of myocardial ischemia. *Dr Wael Attia (Egypt)*
- 2- Mesenchymal stem cells from patients with chronic myeloid leukemia support cord blood stem cell expansion. *Dr Rabab Elhawary (Egypt)*

14:00-14:30 Coffee Break

14:30-16:00

- 1- Effect of MSCs on cardiovascular complications of Diabetes mellitus. *Dr Dina Sabry (Egypt)*

2- Guided cardiopoesis. *Dr Rabab Elhawary (Egypt)*

16:00-17:00 Lunch

9th May 2013

HALL A

9:00-11:00

Fetal Echocardiography Session

1- Fetal Cardiology: Why bother? *Dr Sawsan Mokhtar (USA)*

2- Impact of first trimester screening on the detection of congenital heart disease. *Dr Soha Emam (Egypt)*

3- "Fetal three vessel view", eliciting abnormal findings. *Dr Sahar Shaker (Egypt)*

4- Screening high risk pregnancies for fetal cardiac anomalies. *Dr Hala Hamza (Egypt)*

5- Fetal Cardiology cases. *Dr Sawsan Mokhtar (USA)*

11:00-11:30 Coffee Break

11:30-13:00

Intervention Session II

1- Stenting aortic coarctation. *Dr Konrad Brockmeier (Germany)*

2- Interventionist's approach to congestive heart failure in children. *Dr I Vijayalakshmi (India)*

3- Trans Catheter Closure of VSD, Early results of Mansoura University. *Dr Hala El Marsafawy (Egypt)*

4- Role of balloon dilatation in neonatal aortic coarctation. *Dr Omar Galal (Saudia Arabia)*

5- Transcatheter ASD closure. Do we still need sizing balloons? *Dr Sahar ElShedoudy (Egypt)*

6- ASD closure below 2 years of age. *Dr Rasha Ammar (Egypt)*

13:00-14:30

RHD session

1- Antistreptolysin O titre; level and significance in an endemic area for rheumatic fever. *Dr Alyaa Kotby (Egypt)*

2- Clinical prediction rules for streptococcal pharyngitis. *Dr Hala Hamza (Egypt)*

3- Silent Carditis, the hidden enemy. *Dr Aya Fattouh (Egypt)*

4- World Heart Federation criteria for echocardiographic diagnosis of rheumatic heart disease, pros and cons. *Dr Soha Emam (Egypt)*

5- Rheumatic fever in children less than 5 years, is the presentation different. *Dr Lamiaa Alzambely (Egypt)*

14:30-16:00

Case presentations

16:00-1700 Lunch