

ELCTROPHYSIOLOGY SESSIONS in ICI 2016

Session I: pacing (1.5 h)

Session Chairs: Moshe Swissa, Boris Strasberg, Eugene Crystal

1. Jay Gross (Montefiore Hospital, NY)

- "Leads in or out? Conflicting directions in CIED"

2. David Luria (Hadassah, Jerusalem)

- "Leadless pacing: initial experience and future potential"

3. Christopher V. DeSimone, MD,PhD(Mayo Clinic)

- "Thromboembolic risk of right sided implantable devices"

4. Yurii Karpenko

(National Medical University, Odessa, Ukraine)

- "Left ventricular endocardial pacing: novel trans - myocardial approaches"

5 . Jonatan Behar (UK)

"Comprehensive Image Integration to Guide the Implantation of a Wireless, Endocardial LV Electrode for the Delivery of CRT"

6. Jay Gross (Montefiore Hospital, NY)

- "CRT: Mature therapy, Immature Understanding"

Session II: Arrhythmia mapping and ablation (1.5 h)

Session Chairs:

Bernard Belhassen, Aharon Medina, Mundar Bulus

1. Phillip Sommers (Leipzig Germany)

- "Ablation of persistent AF - the role of voltage mapping for individualized treatment strategies"

2. Glen Van Langenhove (Belgium)

- "Implantable stent-graft for pulmonary vein isolation"

3. David Callans (UPENN, Philadelphia)

- "What has gone wrong with AF ablation, and how we can set things right"

4. Phillip Sommers (Leipzig Germany)

- "Ablation of AF in Interventional MRI : fiction or reality in near future?"

5. Asaf Govari (Jonson & Jonson)

- "New ideas and directions in AF ablation"

6. Ibrahim Marai (Puria, Sheba)

- "Cryoablation of papillary muscle VT guided by ICE"

short communication (5 min)

7. Ehud Chorin (Tel-Aviv Sourasky Medical Center)

- "A Novel Bio-Sensing Technology for Detection of Atrial Fibrillation"

short communication (5 min)

Session III: Electrophysiology from bench to bedside

Session Chairs:

Sami Viskin, Michael Eldar, Eyal Nof

1. Suraj Kapa, MD (Mayo Clinic)

- "Electroporation, carbon nanotubes, and beyond – understanding future non radiofrequency approaches for treatment of arrhythmias"

2. Lior Gepstein (Technion, Haifa)

Induced pluripotent stem cells for modeling inherited cardiac arrhythmias and for drug discovery

3. Suraj Kapa, MD (Mayo Clinic)

- "Overcoming the translational gap from clinical practice to clinical innovation"

4. Lior Gepstein (Technion, Haifa)

"Optogenetics Strategies for treatment of Cardiac Arrhythmias"

5. Yosi Abu (BioTrace™)

"Ultrasound based real-time monitoring system for cardiac RF ablation"

6. Yoram Hazion (Ben Gurion University, Beer Sheva)

- "Magnetic Microcapsules for Leadless pacing"