

Scientific Program

International Conference on
Medical Devices

September 21-22, 2015 Orlando, USA

OMICS International Conferences:

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: medicaldevices@conferenceseries.net

Gatwick-Shannon



10:00-10:30

Opening Ceremony

Keynote Forum

10:30-11:15 **Alexandre Caixeta Guimaraes**
University of Campinas, Brazil

Group Photo

Networking & Refreshments 11:15-11:35 @ Foyer

Track 1: Surgical Medical Devices
Track 2: Design of Implants and Radiation Devices
Track 3: Orthotics and Prosthetics

Session Chair: Alexandre Caixeta Guimaraes, University of Campinas, Brazil

Session Co-Chair: Francesco Rizzi, Italian Institute of Technology, Italy

Session Introduction

- 11:35-12:10 **Title: Biomimetic Parylene-coated artificial hair cells bio-MEMS as a platform for biosensing applications**
Francesco Rizzi, Italian Institute of Technology, Italy
- 12:10-12:45 **Title: *In vivo* non-invasive multiple harmonic generation biopsy for diagnosing and scoring of collagen alignment at the tumor interface**
Chi-Kuang Sun, National Taiwan University, Taiwan

Lunch Break 12:45-13:45 @ Lobby East

- 13:45-14:20 **Title: A simple surgical technique for closure of apical muscular VSD closure using polytetrafluoroethylene device**
Amit Mishra, U. N. Mehta Institute of Cardiology and Research Center, India
- 14:20-14:55 **Title: The effect of electropulsing induced gradient topographic oxide coating of Ti-Al-V alloy strips on the fibroblast adhesion and growth**
Xiaoxin Ye, Tsinghua University, China
- 14:55-15:30 **Title: Impact of low-thermal injury devices on the margin status of laryngeal cancer- An experimental *ex vivo* study and clinical cases report of subtotal supracricoid laryngectomy**
Giuditta Mannelli, Universitaria Careggi, Italy

Networking & Refreshments 15:30-15:50 @ Foyer

- 15:50-16:25 **Title: TRIM26 functions as a novel tumor suppressor of hepatocellular carcinoma and its down regulation contributes to worse prognosis**
Wang Yi, Southern Medical University, China

Panel Discussion

Gatwick-Shannon

Track 4: Advanced Technologies in Medical Devices
Track 5: Medical Devices for Home Use
Track 6: Hospital Equipment Business and Market

Session Chair: Frederic Stichelbaut, Ion Beam Applications, Belgium

Session Co-Chair: Manya Aggarwal, Decision Resources Group, Canada

Session Introduction

- 10:00-10:35 **Title: Hearing preservation and cochlear implants according to inner ear approach: Multicentric evaluation**
Alexandre Caixeta Guimaraes, University of Campinas, Brazil
- 10:35-11:10 **Title: Innovations in diabetes care devices and their life changing implications**
Manya Aggarwal, Decision Resources Group, Canada

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

- 11:30-12:05 **Title: Levonorgestrel Intra uterine system (LNG- IUS) for heavy menstrual bleeding to avoid hysterectomy**
Pratap Kumar, Manipal University, India
- 12:05-12:40 **Title: High-performance X-Ray systems for medical devices sterilization**
Frederic Stichelbaut, Ion Beam Applications, Belgium
- 12:40-13:15 **Title: Dermatoscopy in plastic surgery**
Ali Vahedi, Morrision Hospital, UK

Poster Presentations 13:15-13:45 @ Foyer

Lunch Break 13:45-14:15 @ Lobby East

- 14:15-14:50 **Title: New reconstructive technologies of defective skull after frontal decompressive craniectomy in traumatic brain injury: The role of three-dimensional titanium mesh**
Muh-Shi Lin, National Yang-Ming University, Taiwan
- 14:50-15:25 **Title: Atrial flutter following radiofrequency and high intensity focused ultrasound left atrial ablative procedures**
Ahmed El-Damaty, Cairo University School of Medicine, Egypt
- 15:25-16:00 **Title: Time-resolved optical tomography system for skin cancer detection vivo study and clinical cases report of subtotal supracricoid laryngectomy**
Kunal Mitra, Florida Institute of Technology, USA

Panel Discussion

Award Ceremony

Bookmark your dates

**2nd International Conference on
Medical Devices**

December 08-10, 2016 Baltimore, USA

Website: <http://medicaldevices.omicsgroup.com/>

OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS International
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048