

Scientific Program

International Conference on

Medical Imaging & Diagnosis

October 20-21, 2016 Chicago, USA



Hosting Organization: Conference Series LLC

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

Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: medicalimagingconference@gmail.com; medicalimaging@conferenceseries.net

09:00-09:45 Registrations

Vienna

conference**series**.com 09:45-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:45 **Title: Super-resolution MR tractography with 7T MRI and its applications - From the study of language circuitry to microstructural analysis of the affective neural network**
Zang-Hee Cho, Seoul National University, South Korea

Group Photo

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

11:05-11:50 **Title: Latest developments in radiology healthcare IT, digital imaging and telehealth**
Sanjay Gandhi, North Bristol NHS Trust, UK

Special Session

11:50-12:30 **Title: Identifying and testing new quantitative image, an analysis based clinical markers to predict breast cancer risk and prognosis**
Bin Zheng, University of Oklahoma, USA

Session:

Medical Image Processing | Radiography | Radiology & Nuclear Medicine

Session Chair: Sanjay Gandhi, North Bristol NHS Trust, UK

Session Co-Chair: Michael L Goris, Stanford University School of Medicine, USA

Session Introduction

12:30-12:55 **Title: Analytical fusion of different modality images based on prior knowledge**
Michael L Goris, Stanford University School of Medicine, USA

12:55-13:20 **Title: The role of nuclear medicine in early breast cancer diagnosis - "How do we do?"**
Bital Savir-Baruch, Loyola University Medical Center, USA

Lunch Break: 13:20-14:00 @ Athens

14:00-14:25 **Title: Does interpolation affect diagnosis? – Quantitative assessment of the effects of interpolation on uncompressed and compressed medical images**
Ilona Kowalik-Urbaniak, Client Outlook Inc., Canada

14:25-14:50 **Title: Role of radiology in changing the landscape of managing multiple myeloma**
Sanjay Gandhi, North Bristol NHS Trust, UK

14:50-15:15 **Title: Differentiation between osteoblastic, osteolytic and healthy bone tissue in CT images by texture analysis**
Monika Beresova, University of Debrecen, Hungary

Session:

Computer assisted-tomography | Elastography

Session Chair: Hang Joon Jo, Mayo Clinic, USA

Session Co-Chair: Elaine Iuanow, Cleveland Clinic Foundation, USA

Session Introduction

15:15-15:40 **Title: Mapping dopamine release in the MRI space during deep brain stimulation**
Hang Joon Jo, Mayo Clinic, USA

15:40-16:05 **Title: Accuracy of cyst vs. solid diagnosis in the breast using quantitative transmission (QT) ultrasound**
Elaine Iuanow, Cleveland Clinic Foundation, USA

16:05-16:20 **Title: Feature selection using linear classifiers for computer aided detection of pulmonary nodules in CT**
Barath Narayanan Narayanan, University of Dayton, USA

Networking and Refreshments Break: 16:20-16:40 @ Foyer

Special Session

16:40-17:20 **Title: Ultra high field MRI and PET fusion imaging for neuroscience research – From Parkinsons Disease to cognitive sciences**
Zang-Hee Cho, Seoul National University, South Korea

Panel Discussion

Day 2: October 21, 2016

Vienna

Keynote Forum

09:45-10:30 **Title: Multi-modality image-guided nano-theranostics**
Jamal Zweit, Virginia Commonwealth University, USA

Networking and Refreshments Break: 10:30-10:50 @ Foyer

Special Session

10:50-11:30 **Title: Clinical validation of diagnostic imaging procedures**
Michael L Goris, Stanford University School of Medicine, USA

Sessions:

Applications of Imaging | Advances in Cancer Imaging & Diagnosis

Session Chair: Bin Zheng, University of Oklahoma, USA

Session Co-Chair: David A Gutman, Emory University School of Medicine, USA

Session Introduction

11:30-11:55 **Title: Applying computer-aided detection schemes to assist predicting response of ovarian cancer patients to chemotherapy in clinical trials**

Bin Zheng, University of Oklahoma, USA

11:55-12:20 **Title: The Cancer Digital Slide Archive (CDSA): A web based resource linking pathology, radiology, and genomics**

David A Gutman, Emory University School of Medicine, USA

12:20-12:45 **Title: Detection and clinical significance of sternal lesions on breast MRI**

Limin Yang, University of Iowa, USA

12:45-13:10 **Title: Dynamic MR imaging (MR fluoroscopy): Clinical applications in pediatric radiology**

Tamara Feygin, University of Pennsylvania, USA

Lunch Break: 13:10-13:50 @ Athens

13:50-14:15 **Title: Intraductal breast masses: Sonographic and mammographic predictors of malignancy**

Hesham El Sheikh, Benha University, Egypt

Special Session

14:15-14:55 **Title: Molecular imaging in the era of precision medicine**

Jamal Zweit, Virginia Commonwealth University, USA

Sessions:

Advances in Medical Imaging | Fusion of imaging modalities

Session Chair: Manohar Roda, University of Mississippi, USA

Session Co-Chair: Daniel Pastore, Sao Paulo University School of Medicine, Brazil

Session Introduction

14:55-15:20 **Title: Role of MRI: Fetal body imaging**

Manohar Roda, University of Mississippi, USA

15:20-15:45 **Title: Postoperative knee ligament reconstruction: What should be evaluated?**

Daniel Pastore, Sao Paulo University School of Medicine, Brazil

15:45-16:10 **Title: Imaging of spleen made easy: A practical approach to focal and diffuse splenic disease**

Sanjay Gandhi, North Bristol NHS Trust, UK

Networking and Refreshments Break: 16:10-16:30 @ Foyer

16:30-16:45 **Title: Fetal risks from diagnostic imaging during pregnancy: A systematic review and proposal of a clinical protocol**
Mafalda Gomes, University of Porto, Portugal

Video Presentation's

16:45-17:10 **Title: Ebstein's anomaly: Anatomico-echocardiographic correlation**
Nilda Espinola-Zavaleta, National Institute of Cardiology Ignacio Chavez, Mexico

17:10-17:35 **Title: Demyelinating diseases of the central nervous system (CNS)**
Svetlana Jelic, University Clinical Centre of Republic of Srpska, Bosnia and Herzegovina

17:35-18:00 **Title: Spontaneous intradural cerebral artery dissection: Spectrum of clinical presentations and correlation with angiographic findings**
Aminur Rahman, National Institute of Neurosciences and Hospital, Bangladesh

Poster Presentation's (18:00-18:30)

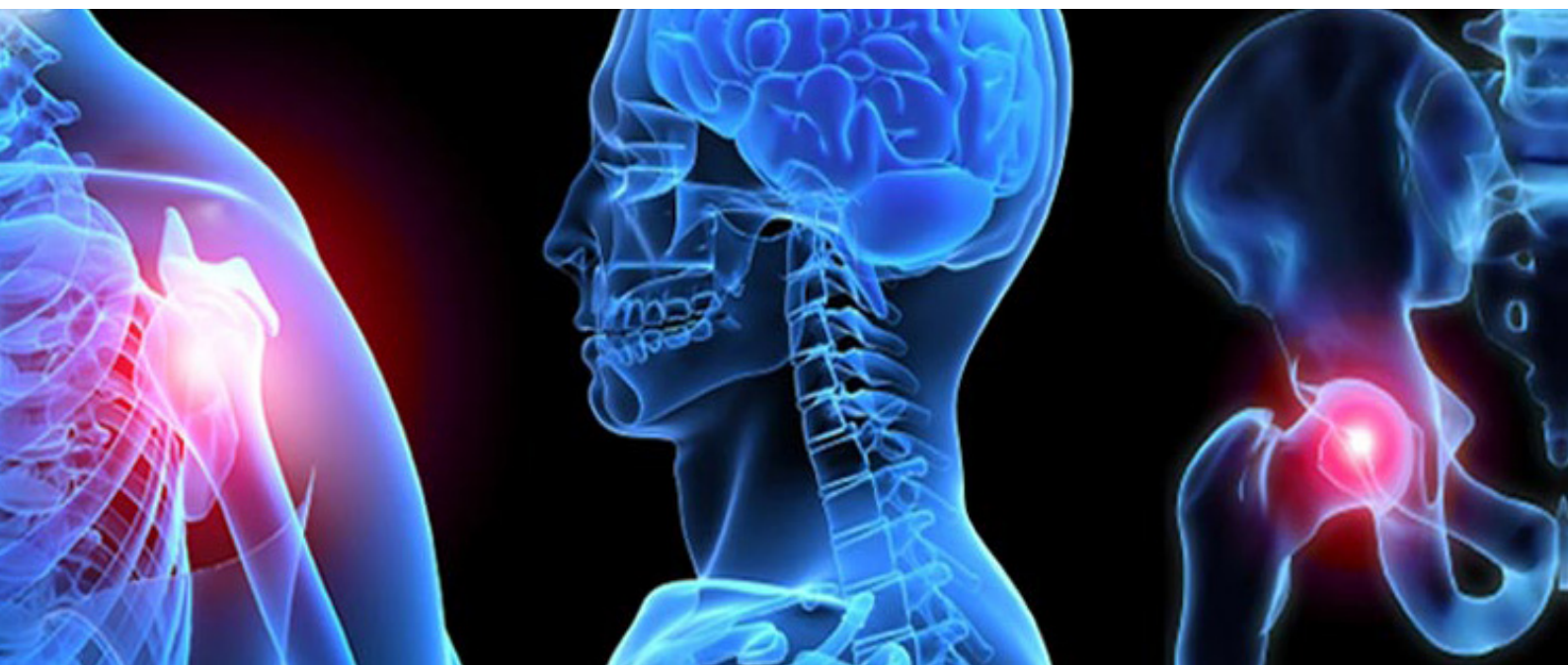
MIP01 **Title: Mesenchymal stem cells labeled with ferumoxytol-poly-L-lysine and non-invasive MR imaging**
Bin Zhu, Nanjing University School of Medicine, China

MIP02 **Title: In-vivo assessment of systolic and diastolic myocardial stiffness in a pig using 3D magnetic resonance elastography**
Shivaram Poigai Arunachalam, Mayo Clinic, USA

Panel Discussion

Award Ceremony

Thanks Giving & Closing Ceremony



Bookmark Your Dates

2nd International Conference on

Medical Imaging & Diagnosis

August 29-30, 2017 London, UK

Website: www.clinical-medicalimaging.conferenceseries.com

E-mail: medicalimaging@conferenceseries.net

Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd
Heathrow Stockley Park Lakeside
House, 1 Furzeground Way
Heathrow, UB11 1BD
United Kingdom
europe@conferenceseries.com

OMICS International
6th Floor, North Block
Divyasree Building, Raidurg Hyderabad
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

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