

119<sup>th</sup> OMICS Group Conference

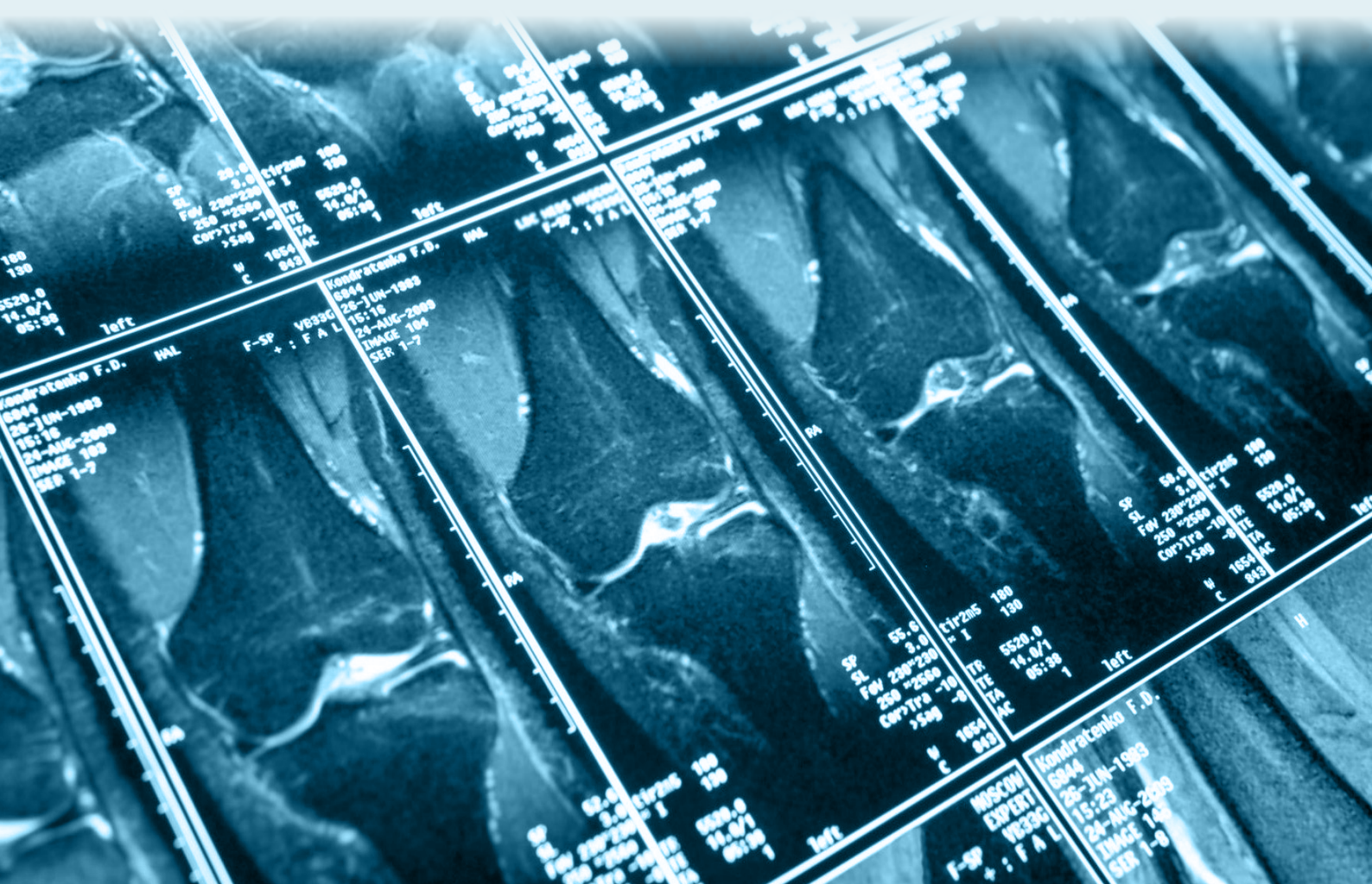
# Scientific Program



International Conference on

# Radiology & Imaging

August 14-16, 2013 Holiday Inn Chicago-North Shore, IL, USA



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### OMICS Group Conferences

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## Keynote Forum

- 09:00-09:35 **Hollis G. Potter**  
Hospital for Special Surgery, USA
- 09:35-10:10 **Ravinder Reddy**  
University of Pennsylvania, USA
- 10:10-10:45 **Xiaohong Zhou**  
University of Illinois, USA

Coffe Break 10:45-11:00 @ Salon Foyer

## Track 1: Acquisition of Radiological Images

Session Chair: Jiang Du, University of California, USA

## Session Introduction

- 11:00-11:20 **Moving toward silent MRI acquisitions: Increasing patient comfort by reducing the acoustic noise**  
James H. Holmes, GE Healthcare, USA
- 11:20-11:40 **CBIR Common B dimensional information enhanced reconstruction for DWI**  
Hua Guo, Tsinghua University School of Medicine, China
- 11:40-12:00 **Magnetic Resonance Imaging of Cortical Bone – Current Status and Future Directions**  
Jiang Du, University of California, USA
- 12:00-12:20 **Percutaneous transhepatic sclerotherapy under balloon occlusion of azygos vein for endoscopically unmanageable esophageal varices**  
Morio Sato, Wakayama Medical University, Japan
- 12:20-12:40 **Hepatocellular Carcinoma(HCC): Are we performing too many liver biopsies?**  
Samantha low, United Kingdom

Lunch Break 12:40-13:40 @ Atrium

- 13:40-14:00 **The analysis of q-space images (mean displacement, zero-displacement, kurtosis) by new MR q-space sequences**  
Kazuo Yagi, Tokyo Metropolitan University, Japan

## Panel Discussion

## Track 2: PET/MRI versus PET/CT Hybrid

## Track 3: Applications of Radiography

Session Chair: Gamal Fathalla M.Mahdaly, Experta Medica, Egypt

- 14:00-14:20 **The role of HRCT and multislice CT and histopathology in accurate diagnosis of typical and atypical sarcoidosis**  
Marian Fayek Farid, Cairo University, Egypt
- 14:20-14:40 **Magnetic nanoparticle induced hyperthermia treatment under magnetic resonance imaging**  
Ahmed EL Shahawy, Children Cancer Hospital, Egypt
- 14:40-15:00 **Spectrum of congenital aortic arch anomalies, evaluation by multidetector CT angiography**  
Seif El DienHadeel, Cairo University, Egypt
- 15:00-15:20 **Geometric distortion artifact remedy in DWI a novel comprehensive approach**  
Gamal Fathalla M.Mahdaly, Experta Medica, Egypt
- 15:20-15:40 **The update of ultrasound techniques in diagnosis of inflammatory bowel disease**  
Maryse Y. Awadallah, Cairo University, Egypt
- 15:40-16:00 **Thalasemia intermedia transcranial doppler findings**  
Rania Hamdy Hashem, Cairo University, Egypt

**16:15-16:35 Clinical validation of diagnostic procedures (Mainly Imaging)**

Michael L. Goris, Stanford University School of Medicine, USA

**16:35-16:55 Ultrashort Echo Time (UTE) magnetic resonance imaging and its application in osteoarthritis**

Jiang Du, University of California, USA

**16:55-17:15 An unusual case of Arachnoid cyst**

Reem Zakzouk, Prince Sultan Medical Complex, KSA

Panel Discussion

**18:15-19:15** Cocktails: Sponsored by: OMICS Journal of Radiology**Day 2 August 15, 2013****Salon B****Workshop****09:30-10:50 MRI image quality from concept to practice**

Gamal Fathalla M.Mahdaly, Experta Medica, Egypt

Coffee Break 10:50-11:05 @ Salon Foyer

**11:05-12:30 MRI image quality from concept to practice**

Gamal Fathalla M.Mahdaly, Experta Medica, Egypt

Lunch Break 12:30-13:30 @ Atrium

**Track 4: Disorders of Interventional Radiology****Track 5: Radiation Therapy****Track 6: Radiology for the Non-Radiologist**

Session Chair: Sumer Kumar Sethi, Teleradiology Providers, India

Session Introduction

**13:30-13:50 Web 2.0 for radiologists how to become a smart radiologist**

Sumer Kumar Sethi, Teleradiology Providers, India

**13:50-14:10 Hepatoma feeding arteriogram created by CT during aortography using IVR 64 multi detector row CT for catheterization in transcatheter arterial chemoembolization for hepatocellular carcinoma**

Morio Sato, Wakayama Medical University, Japan

**Fluorocoxib C: A long-lived near-infrared COX-2 probe enabling selective visualization of inflammation and cancer in vivo****14:10-14:30 vivo**

Md. Jashim Uddin, Vanderbilt University School of Medicine, USA

Panel Discussion

**Track 7: Advances in Imaging**

Session Chair: Yu Kuang, University of Nevada, USA

Session Introduction

**14:30-14:50 Hemorrhage-responsible arteriogram created by 64-multidetector row CT during aortography for catheterization to acute arterial bleeding in transcatheter arterial embolization**

Morio Sato, Wakayama Medical University, Japan

**14:50-15:10 Real-time Image Analysis with Feedback – A Novel Method to Improve Screening for Colorectal Cancer**

Piet C. de Groen, Mayo Clinic College of Medicine, USA

**15:10-15:30 After introduction of mammography screening the positive effects on tumor size reduction and decline in malignancy potentials appear after a decade of screening**

Roland Sennerstam, Karolinska Institute, Sweden

Coffee Break 15:30-15:45 @ Salon Foyer

**15:45-16:05 Imaging hepatocellular carcinoma using positron emission tomography**

Yu Kuang, University of Nevada, USA

Panel Discussion

**16:00-17:10 Poster Presentations @ Atrium****17:30-18:30** Cocktails: Sponsored by: Journal of Nuclear Medicine and Radiation Therapy

Track 8: Diagnostic Imaging Techniques  
Track 9: Disorders of Interventional Radiology  
Track 10: Radiopharmaceuticals

Session Chair: David Cheng, Yale University, USA

Session Introduction

- 09:00-09:20 **Internal iliac artery embolization in preparation for endovascular aorto-iliac aneurysm repair: Use of three-dimensional volume-rendered reconstruction and amplatzer vascular plug 2 reduces radiation exposure to the patient**  
Ahmed Kamel Abdel Aal, University of Alabama, USA
- 09:20-09:40 **Endoscopic gallbladder stenting for acute cholecystitis in elderly patients**  
Satoshi Maekawa, Niigata Rosai Hospital, Japan
- 09:40-10:00 **MRI for estimating the microglia activity in ICH stroke**  
Mallikarjunarao Kasam, Mayo Clinic College of Medicine, USA
- 10:00-10:20 **5D Imaging**  
Shuo Li, GE Healthcare, Canada
- 10:20-10:40 **Patient radiation dose assessment in pelvic X-ray examination in Ghana**  
Eric K. Ofori, University of Ghana, Ghana

Coffee Break 10:40-10:55 @ Salon Foyer

- 10:55-11:15 **In vivo analysis of amyloid  $\beta$  aggregates in the brain of a transgenic mouse model of Alzheimer's disease using 19F-MRI**  
Ikuko Tooyama, Shiga University of Medical Science, Japan
- 11:15-11:35 **Assessing whether MRIs are appropriately requested on the basis of the GP referral letter**  
Sohail Nisar, Bradford Royal Infirmary, England
- 11:35-11:55 **Resting state functional magnetic resonance imaging: Basic principles and challenges in clinical applications**  
Haris Sair, Johns Hopkins University, USA

Panel Discussion

Lunch Break 12:30-13:30 @ Atrium

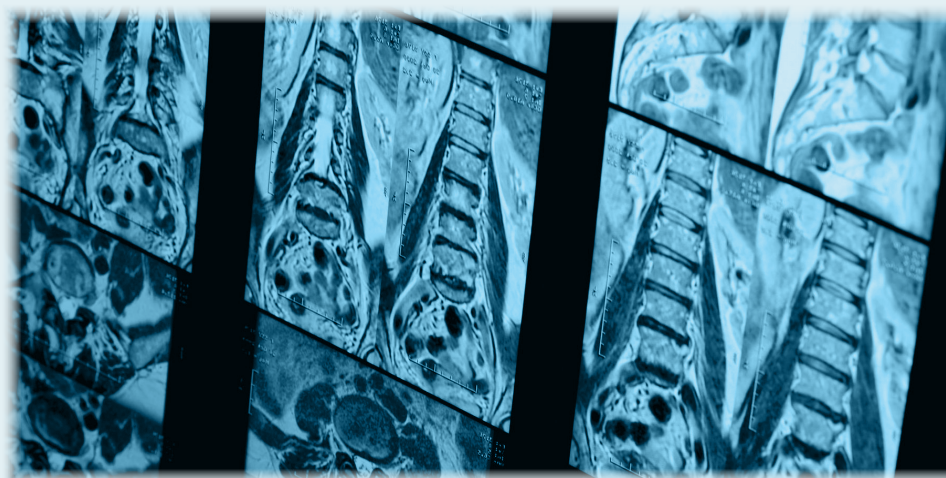
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2<sup>nd</sup> International Conference on

# Radiology & Imaging

September 08-10, 2014 Philadelphia, USA



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