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Scientific Program

3rd International Conference on

Radiology and Imaging

August 24-26, 2015 Toronto, Canada



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: radiology@omicsgroup.com; radiology@conferenceseries.net

Day 1 August 24, 2015

08:00-08:30 Registrations

Salon-BC

09:00-09:25 **Opening Ceremony**

Keynote Forum

09:25-09:30	**Introduction**
09:30-10:00	**Richard P Hill** Princess Margaret Cancer Center, Canada
10:00-10:30	**Mitchell S Albert** Lakehead Univeristy, Canada

Networking & Refreshments 10:30-10:45 @ Foyer

Track 2: Advances in Imaging

Session Chair: Mitchell S Albert, Lakehead Univeristy, Canada
Session Co-Chair: Sunanda Bhatnagar, Maharashtra University of Health Sciences, India

Session Introduction

10:45-11:10	**Comparison of simultaneous integrated boost intensity-modulated radiation therapy and conventional accelerated hyper-fractionated radiotherapy for limited disease small-cell lung cancer** **Yogesh Thakur,** The University of British Columbia, Canada
11:10-11:35	**Evaluation of right ventricle systolic function by right ventricular outflow tract systolic excursion using ultrasound** **Farhood Alsoos,** Damascus University, Syria
11:35-12:00	**Estimating Fluid Responsiveness and volume status via tracking and segmenting the IVC in ultrasound imagery at the point of care** **Andrew Smith,** Memorial University, Canada
12:00-12:25	**Ultrasonographic imaging of salivary glands: An early predictor of Sjogren's syndrome in patients with rheumatoid arthritis** **Sunanda Bhatnagar,** Maharashtra University of Health Sciences, India
12:25-12:50	**Physician-performed focused ultrasound: An update on its role and performance** **Sornsupha Limchareon,** Burapha University, Thailand
12:50-13:15	**Construction of pediatric homogeneous phantoms for optimization of chest and skull radiographs** **Allan Felipe Fattori Alves,** Estadual Paulista University, Brazil

Lunch Break 13:15-14:00 @ Foyer

Track 4 : Medical Imaging
Track 5 : Imaging Probes, Chemistry and Reporter Genes

Session Chair: Jonathan Fitzsimmons, Brookhaven National Laboratory, USA
Session Co-Chair: Luis Moreno Sanchez, INCART and CDD - Clínica Abreu, Dominican Republic

14:00-14:25	**When beta therapy fails – Is alpha therapy a solution? Actinium-225 production and applications** **Jonathan Fitzsimmons,** Brookhaven National Laboratory, USA
14:25-14:50	**A 3D computer assisted treatment planning system for breast cancer brachytherapy treatment** **Yuchong Rachel Jiang,** Sheridan College, Canada
14:50-15:15	**Short-term reproducibility of apparent diffusion coefficient estimated from diffusion-weighted MRI of the prostate** **Ibrahim Karademir,** Eskisehir Military Hospital, Turkey
15:15-15:40	**Irradiation in central nervous system tumors** **Luis Moreno Sanchez,** INCART and CDD - Clínica Abreu, Dominican Republic
15:40-16:05	**Evaluation of common risk factors related with breast carcinoma in females: A hospital based study in Karachi, Pakistan** **Saira Naz Sufian,** The Aga Khan University Hospital, Pakistan
16:05-16:30	**Visibility of mandibular canal on panoramic radiograph after bilateral sagittal split osteotomy (BSSO)** **Jimoh O Agbaje,** Katholieke University Leuven, Belgium

Networking & Refreshments 16:30-16:45 @ Foyer

Day 2 August - 25, 2015

Salon-BC

Track 3: PET/MRI versus PET/CT Hybrid

Session Chair: Marsha Haley, Magee Womens Hospital, USA
Session Co-Chair: Radim Jancalek, St. Anne's University Hospital, Czech Republic

Session Introduction

09:00-09:25	**Improved spatial resolution and lower-dose pediatric CT imaging: a feasibility study to evaluate narrowing the x-ray photon energy spectrum** **Mark G Benz,** Engineering Horizons International, USA
09:25-09:50	**The role of breast MRI in radiation therapy planning** **Marsha Haley,** Magee Womens Hospital, USA
09:50-10:15	**Fetal MRI in utero: Past, present, and future directions** **Anat Biegon,** Brook University School of Medicine, USA
10:15-10:40	**Developing role of advanced MRI techniques for diagnosis of glioblastoma relapse after complex oncology treatment** **Radim Jancalek,** St. Anne's University Hospital, Czech Republic
10:40-11:05	**Simultaneous whole body 18F-FDG PET-MRI in primary staging of breast cancer** **Sangeeta Taneja,** Indraprastha Apollo Hospitals, India

Networking & Refreshments 11:05-11:20 @ Foyer

11:20-11:45	**Accuracy of MRI in pretreatment lymph node assessment in gynecological malignancies** **Saira Naz Sufian,** The Aga Khan University Hospital, Pakistan
11:45-12:10	**Measurement of regional metabolic liver function by non-invasive dynamic 18F-FDGal PET/CT** **Jacob Horsager,** Aarhus University Hospital, Denmark
12:10-12:35	**Follow up in chest tumors: Value of integrated PET/CT** **Heba Nabil,** Nasser Institute Hospital for Research and Treatment, Egypt
12:35-13:00	**Mammographic screening: Is it relevant to developing countries?** **Shivraj BahadurSingh,** University of the West Indies, Trinidad and Tobago

Lunch Break 13:00-13:45 @ Foyer

Workshop

13:45-15:00	**Interesting results: Can they be replicated?** **Michael Winterdahl,** Aarhus University Hospital, Denmark

Poster Presentations 15:00-16:00

Networking & Refreshments 16:00-16:15 @ Foyer

Day 3 August-26, 2015

Salon-BC

Track 1: Acquisition of Radiological Images

Session Chair: Jiani Hu, Wayne State University, USA
Session Co-Chair: Fatemeh Nasri, Khatam hospital, Iran

Session Introduction

10:00-10:25	**CT scan – Automatic tube current modulation** **Nimma Purna Chander Reddy,** Apollo Health Street, India
10:25-10:50	**Evaluation of multi-slice computed tomography in assessment of cochlear implant electrode position** **Fatemeh Nasri,** Khatam hospital, Iran
10:50-11:15	**Ischemic stroke detection through image processing techniques** **Allan Felipe Fattori Alves,** Estadual Paulista University, Brazil

Networking & Refreshments 11:15-11:30 @ Foyer

11:30-11:55	**Comparison of simultaneous integrated boost intensity-modulated radiation therapy and conventional accelerated hyper-fractionated radiotherapy for limited disease small-cell lung cancer** **Baosheng Li,** Shandong Tumor Hospital, China
11:55-12:20	**Automated morphological analysis of human sperms cells according to WHO standards using computer graphics and computer vision algorithms** **Waqas Hussain,** Air Univerisity, Pakistan
12:20-12:45	**Can we improve MRI detection sensitivity by 2 to 3 orders?** **Jiani Hu,** Wayne State University, USA

Lunch Break 12:45-13:30 @ Foyer

13:30-13:55	**Statistical atlas-based morphological variation analysis of the Asian humerus: Towards consistent allometric implant positioning** **Wong Keng Lin Francis,** National University Health System, Singapore
13:55-14:20	**GMP production of 68Ga-labelled peptides on a commercial synthesizer** **Vítor Hugo Pereira Alves,** University of Coimbra, Portugal

Award Ceremony

Bookmark your dates

4th Global Radiologists Annual Meeting

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Website: radiologists.conferenceseries.com

e-mail: radiologists@omicsgroup.com; radiologists@conferenceseries.net

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