**3rd International Conference on Radiology and Imaging**

**August 24-26, 2015 at Toronto, Canada**

**Theme: Advanced Trends in Radiology and Imaging**

[OMICS International](http://www.omicsonline.com) is pleased to announce its annual conferences in 2015 and 2016. One of the premier annual conference is [Radiology and Imaging Meeting.](http://radiology.conferenceseries.com/)

The conference throws light on thought provoking topics and recent research in the field of Radiology and Imaging like, Acquisition of Radiological Images, Advances in Imaging, PET/MRI versus PET/CT Hybrid, Quality in Radiology, Medical Imaging, Spine Tumor Imaging, Imaging Techniques, Radiation Therapy in Cancer, Imaging Probes, Chemistry and Reporter Genes, Imaging Technology, Methodology and Software, and many more. Open Minded International Conferences [(OMICS)](http://www.omicsonline.com) are determined to put forth a platform for eminent personalities to share their expertise and research at [Radiology and Imaging, Toronto, Canada.](http://radiology.conferenceseries.com/)

Radiology is a branch of medicine that uses imaging technology to diagnose and treat disease. Radiology may be divided into two different areas, diagnostic radiology and interventional radiology. The field of therapeutic radiation, which uses more powerful x-rays to treat cancer, is now called radiation oncology.

For more details visit: <http://radiology.conferenceseries.com/>

Medical imaging and [functional imaging](http://radiology.conferenceseries.com/) mark an analysis of the software market worth $2.4 billion by 2017. The global medical image analysis software market is expected to grow at a CAGR of 7.2% from 2012 to 2017. The most common types of diagnostic radiology exams include [computer 3D algorithms](http://radiology.conferenceseries.com/), [cardiovascular MRI](http://radiology.conferenceseries.com/),[X-ray radiation](http://radiology.conferenceseries.com/), [Medical ultrasonography](http://radiology.conferenceseries.com/). In 90% of cases, PET scan results helped doctors avoid additional [brain imaging](http://radiology.conferenceseries.com/), imaging tests and procedures prior to devising treatment strategy. In 70% of cases, PET imaging leads to cancellation of costly, high-risk surgical intervention that might not help.PET imaging is the normal standard of care in diagnosis staging and treatment in most developed countries. PET scans are capable of detecting cancerous cells at stages before they congregate to form a mass, or tumor. In Canada, information derived from PET imaging changed treatment plans in 50% of cases (according to a study that was conducted in 2010).

As the most comprehensive oncologic imaging diagnostic tool, [Nuclear medicine imaging](http://radiology.conferenceseries.com/), PET/CT imaging has revitalized nuclear medicine and drawn a great amount of interest from the radiology community.PET imaging with 18F-FDG diagnoses, stages, and restages many cancers with accuracies ranging from 80% to 90%. FDG PET has proven itself as being superior to many conventional imaging methods for various cancers. An estimated 187,600 new cases of cancer and 75,500 deaths from cancer were projected to occur in Canada in 2013. (The number of estimated new cases does not include 81,700 new non-melanoma skin cancer cases.)

 It was estimated that 96,200 Canadian men would be diagnosed with cancer, and 39,400 men would die from cancer. It was projected that 91,400 Canadian women would be diagnosed with cancer, and 36,100 women would die from cancer. On average, over 500 Canadians were expected to be diagnosed with cancer every day. On average, over 200 Canadians were expected to die from cancer every day.

3rd International Conference on Radiology and Imaging will commence from August 24-26, 2015 at Toronto, Canada, with the theme, “Advanced Trends in Radiology and Imaging”. World-renowned speakers with their ultimate talks on the most recent techniques, tactics, and the avant garde technologies in Radiology and Imaging are the hallmarks of this conference.

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