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## **Session Title - Medical and Biological Imaging (MBI)**

### **Theme and aim of the special section:**

Medical and Biological Imaging Theme is to strengthen critical roles of medical and biological imaging in supporting broad aspects of biomedical research and clinical translation. This theme will be accomplished by several aims: 1) To integrate and share a large variety of state-of-the-art imaging approaches (including MRI, in vivo MRS, PET, CT, ultrasound, optical imaging, cellular and electrophysiological imaging), technology and expertise, facilities and resource for addressing essential biomedical questions from cellular to system level. 2) To foster interdisciplinary collaborations between basic science, bioengineering and clinical researchers, and between academic and biomedical industry; and to create innovative ideas for conducting challenging biomedical research and new imaging solutions aiming for improving health care and clinical diagnosis.

### **Topics:**

1. Biosignal Processing
2. Medical Imaging and Image Processing
3. Cross Modality (PET/MR, PET/CT, CT/MR) image synthesis
4. Automated Techniques for Image Quality Assessment

## **Special Session Coordinator Details**

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**Special Session Title: Medical and Biological Imaging (MBI)**

We are organizing a special session on “**Medical and Biological Imaging**” in International Conference on Processing of Materials, Minerals and Energy: PMME-2016. During 29<sup>th</sup> and 30<sup>th</sup> July, 2016 in the city of Ongole, Andhra Pradesh, India.

**Special Session Submissions can only be submitted to the Session Coordinator Mail Id - [sdpcombio@gmail.com](mailto:sdpcombio@gmail.com)**

**Publication of Conference Papers (Special Sessions)**

**All the registered papers will be submitted to Elsevier Materials Today: Proceedings for publication. As well as indexed by SCOPUS.**