



*tomography*



an Open Access Journal by MDPI

## New Advances in Medical Imaging and Applied Radiology in Cancers

Guest Editors:

**Dr. David A. Hormuth, II**

Oden Institute for Computational Engineering and Sciences, The University of Texas at Austin, Austin, TX 78712, USA

**Dr. Chengyue Wu**

Oden Institute for Computational Engineering and Sciences, The University of Texas at Austin, Austin, TX 78712, USA

Deadline for manuscript submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

In this Special Issue, we would like to focus on research articles, perspectives, and reviews informing readers about recent innovations on medical imaging and associated applications on cancer healthcare. We welcome submissions describing novel developments in image acquisition, reconstruction, and/or processing along with their impacts on clinical healthcare, especially in cancers. These will include variable modalities including molecular, magnetic resonance imaging (MRI), computed tomography (CT), positron emission tomography (PET), ultrasound (US), and optical imaging. Manuscripts emphasizing the specific clinical applications of developed techniques are highly encouraged, including image-assisted disease diagnosis, prognosis, prediction, and treatment planning. We also encourage submissions that have a focus on technical development or experimental validation but show an important clinical potential.



[mdpi.com/si/95341](https://mdpi.com/si/95341)

# Special Issue