

Special Issue on

Imaging Disease Markers as a Diagnostic, Prognostic, and Educational Tool

CALL FOR PAPERS

Imaging disease markers are common targets used in diagnostic radiology, which can help clinicians and researchers determine or monitor specific structures and changes inside the body. Using diagnostic images, the radiologist or other researcher can often diagnose the cause of human symptoms, monitor how well the human body is responding to a treatment, or screen for different diseases in different systems within the body. A series of successfully organized special issues of the same topic in 2019/2020/2021 by us have shown great enthusiasm in imaging markers from researchers and audience in the medical field, and we are going to keep up with the latest advances in imaging disease markers by deploying an updated issue in 2022.

The most common types of diagnostic radiology exams include computed tomography (CT), fluoroscopy, magnetic resonance imaging (MRI), mammography, nuclear medicine, plain X-rays, positron emission tomography (PET) imaging, and ultrasound. These noninvasive imaging techniques could be applied broadly to detect various abnormalities, from congenital malformation to injury or cancer. Furthermore, specific characteristic imaging markers could be involved in the determination of the severity or stage of these abnormalities.

This Special Issue aims to focus on new advances and applications in imaging disease markers. Both original research and review articles are welcomed.

Potential topics include but are not limited to the following:

- ▶ Summarizing new imaging disease markers in risk prediction, screening, diagnosis, progression, and prognosis of diseases
- ▶ Novel applications of imaging markers, such as lipidomic and metabolomic with NMR and cardiac transverse aortic constriction (TAC)
- ▶ Measurement of the relevance of imaging disease markers addressing specificity, sensitivity, and biological variation of these imaging disease markers
- ▶ The role of imaging disease markers in evaluation and guidance of therapies
- ▶ Methodology in the application of imaging disease markers
- ▶ Imaging disease markers as educational and training tools
- ▶ Development of virtual, simulating, physical, moulage patient models by integrating new imaging disease markers

Authors can submit their manuscripts through the Manuscript Tracking System at <https://review.wiley.com/submit?specialIssue=768098>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Editor

Zhongjie Shi, Wayne State University,
Michigan, USA
tua64317@gmail.com

Guest Editors

Ioannis Kosmas, Department of
Obstetrics and Gynecology, University
of Ioannina, Greece
kosmasioannis@gmail.com

George C. Zografos, 1st Department of
Propaedeutic Surgery; University of
Athens; Hippokratio Hospital; University
of Athens, Greece
gzografos@med.uoa.gr

Ospan A. Mynbaev, Laboratory of
Human Physiology, Moscow Institute of
Physics and Technology (State
University), Dolgoprudny, Moscow
Region, Russia, Russia
mynbaev.oa@mipt.ru

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