

## Special Issue

# Applications of Magnetic Resonance (MR)-Based Metabolic Imaging in Medicine

### Message from the Guest Editors

In this Special Issue, we aim to show the readers some of the advances in metabolic imaging and translational research in metabolism. State-of-the-art technologies and methodologies to monitor metabolic disorders are currently available. However, significant challenges still lie in the accurate detection of metabolites in vivo and the lack of cross-validating applications. Thus, we intend to show recent advances in the field of metabolic imaging including applications in the fundamental sciences and examples of translational research in metabolism. We also invite the scientific community to discuss new challenges and innovations in metabolic analysis, metabolomics, metabolic probe development and current open-source software. Dr. André Martins

### Guest Editors

Prof. Dr. Andre F. Martins

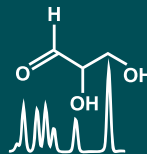
1. Werner Siemens Imaging Center, Department of Preclinical Imaging and Radiopharmacy, Eberhard Karls University Tübingen, 72076 Tübingen, Germany
2. Cluster of Excellence iFIT (EXC 2180) "Image-Guided and Functionally Instructed Tumor Therapies", University of Tuebingen, 72076 Tübingen, Germany
3. German Cancer Consortium, DKFZ Partner Site Tübingen, 72076 Tübingen, Germany

Dr. Myriam M. Chaumeil

1. Department of Physical Therapy and Rehabilitation Science, University of California, San Francisco, CA 94143, USA
2. Department of Radiology and Biomedical Imaging, University of California, San Francisco, CA 94143, USA

### Deadline for manuscript submissions

closed (16 June 2021)



## Metabolites

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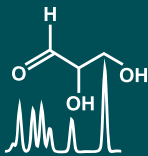
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*Metabolites*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metabolites@mdpi.com](mailto:metabolites@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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### Editor-in-Chief

Dr. Amedeo Lonardo  
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2024).