Special Issue

Precision Medicine in Radiomics and Radiogenomics

Message from the Guest Editor

Imaging plays an essential role in precision medicine, because it allows screening, early diagnosis, response evaluation, and recurrence assessment. A field that shows great promise in this context is radiomics, i.e., the process of extracting mineable, high-dimensional data from routine, standard of care images to provide an "imaging phenotype" for scoring, categorizing, and classifying disease severity, predicting response to therapy and patient outcome. The further correlation of imaging phenotype with gene expressions is known as radiogenomics, and it will serve as the foundation for surveillance of disease manifestation in terms of occurrence, location, extent, severity, and discovery of genetic polymorphisms. This Special Issue of the *Journal of Personalized Medicine* aims to delineate present and future perspectives of Radiomics and Radiogenomics in the era of precision medicine to better outline the increasingly prominent role of imaging in the management of complex, genetically heterogeneous diseases in oncology and non-oncological conditions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical
subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).

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