



Precision Medicine in Radiomics and Radiogenomics

Guest Editor:

Dr. Serena Monti

Istituto di Biostrutture e
Bioimmagini, Consiglio
Nazionale delle Ricerche, 80125
Naples, Italy

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Message from the Guest Editor

Dear Colleagues,

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.

Dr. Serena Monti

Guest Editor





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Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory
Medicine and Pathobiology,
Department of Surgery,
University of Toronto, 6 Queens
Pk Crescent W.F, Toronto, ON
M5S 3H2, Canada

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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Journal of Personalized Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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