

## Special Issue

# Recent Innovations and Artificial Intelligence in Interventional Radiology: A Step Towards Personalized Medicine

### Message from the Guest Editors

This Special Issue aims to explore the latest technological developments in this rapidly evolving field, with a particular focus on, but not limited to, artificial intelligence, both in the core aspects of IR and in bridging challenges between diagnostic and interventional radiology. Topics of interest include the following:

- Innovative techniques to address procedural challenges in IR.
- The automation of image segmentation and analysis for procedural planning.
- Real-time decision support systems during procedures.
- Augmented and mixed reality for procedural navigation and planning.
- Predictive models for treatment outcomes and clinical decision making.
- Strategies to reduce complication rates and improve procedural success.
- The integration of emerging technologies into clinical practice, with a focus on early-stage diagnostics and personalized treatment planning.
- Regulatory and ethical considerations surrounding the adoption of technological innovations in IR.

We are particularly interested in papers that explore the use of artificial intelligence, as well as other emerging technologies and methodologies.

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### Guest Editors

Dr. Maurizio Cè

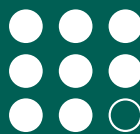
Dr. Giuseppe Pellegrino

Dr. Salvatore Alessio Angileri

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### Deadline for manuscript submissions

25 October 2025



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine (JPM)*, ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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### Editor-in-Chief

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#### High Visibility:

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).