

## Special Issue

# New Insights Into Artificial Intelligence in Medical Imaging

### Message from the Guest Editors

AI has revolutionized medical imaging by enhancing diagnostic accuracy, improving image analysis, and enabling personalized patient care. The Special Issue will cover a wide range of topics, including but not limited to: AI-based algorithms for disease detection, classification, and prognosis using medical images. Deep learning techniques for image segmentation, registration, and reconstruction. AI-driven radiomics and radiogenomics for precision medicine and personalized treatment. AI-based image-guided interventions, surgical planning, and navigation systems. Development and validation of AI-assisted decision support systems for radiologists and clinicians. We invite researchers and practitioners to contribute their valuable insights and help shape the future of AI in medical imaging by submitting their original contributions to this Special Issue of "Life." Together, we can harness the potential of AI to transform medical imaging practices, ultimately leading to improved patient outcomes and enhanced healthcare delivery.

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### Guest Editors

Dr. Luigi La Via

Dr. Antonino Maniaci

Dr. Caterina Gagliano

Dr. Salvatore Lavalle

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### Deadline for manuscript submissions

22 August 2025



## Life

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## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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