

Special Issue

Artificial Intelligence in Urology: A New Era of Precision and Innovation

Message from the Guest Editors

This Special Issue welcomes original research articles, reviews, clinical studies, and perspectives that address a wide range of topics, including but not limited to the following:

- Technological innovation in urologic surgery: robotics, augmented reality, and smart instruments;
- Artificial intelligence and machine learning in diagnostics and intraoperative support;
- Personalized treatment planning based on genetic, imaging, and functional data;
- Enhanced recovery protocols and perioperative optimization;
- Patient-reported outcomes, quality of life, and shared decision-making in urologic surgery;
- Challenges in training, ethics, and regulation in the era of digital surgery.

A particular emphasis will be placed on multidisciplinary contributions that bridge urology, oncology, bioengineering, data science, and healthcare policy. Through this collection, we seek to capture the dynamic interplay between innovation and clinical applicability, while fostering a critical dialogue on how to deliver safe, effective, and truly personalized surgical care.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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