

## Special Issue

# Artificial Intelligence Application in Health Care System

### Message from the Guest Editors

Machine learning, a hot research topic with a huge amount of recent progress, brings dramatic changes and improvement in health care systems. Therefore, machine learning has rapidly entered the biomedical research field to integrate, analyze, and make predictions based on large and heterogeneous datasets. In this Special Issue, we would like to explore "Artificial Intelligence Applications in Health Care Systems", which often involves a training set for fitting models, a validation set for hyperparameter selections, and a test set for performance assessment. A validation set could be ignored if there is no hyperparameter selection process, and performance assessment can be conducted based on k-fold cross-validation. Studies following the above criteria with potential impacts on real clinical practice based on artificial intelligence-assisted systems are considered for publication in the Special Issue titled "Artificial Intelligence Applications in Health Care Systems" in the Journal of Personalized Medicine (IF: 4.945, ISSN 2075-4426, "Health Care Sciences & Services", 31/169). We appreciate your research and look forward to hearing from you.

---

### Guest Editors

Dr. Chin-Sheng Lin

Dr. Chin Lin

Dr. Hung-Yu Wei

---

### Deadline for manuscript submissions

closed (20 July 2023)



## Journal of Personalized Medicine

---

an Open Access Journal  
by MDPI

---

CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/95297](https://mdpi.com/si/95297)

*Journal of Personalized  
Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jpm@mdpi.com](mailto:jpm@mdpi.com)

[mdpi.com/journal/  
jpm](https://mdpi.com/journal/jpm)





# Journal of Personalized Medicine

---

an Open Access Journal  
by MDPI

---

CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
jpm](https://mdpi.com/journal/jpm)



## 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.

---

### 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, PubMed, PMC, Embase, and other databases.

#### Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

#### 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).