Bench Council | **MedTech 21**

CALL FOR PAPERS

Special Issue: Artificial Intelligence and Precise Oncology

To facilitate development of AI technologies in medicine and strengthen early detection, precise diagnosis, individualized treatments and prognosis prediction in cancer care, Chin Med Sci J is going to publish a special collection on Volume 36 Issue 3 in collaboration with the 2021 MedTech Conference, aiming to bring together the innovation and progress of AI applications in cancer care.

We invite papers from a broad range of perspectives and investigations in the inter-disciplinary field of AI and oncology, including but not limited to the following topics:

Machine-learning based features extraction, modeling and validation on radiological or pathological images of cancers;
Radiomics, pathomics and molecular big data in outcomes of cancer patients;
Prediction and individualization of chemotherapeutic responses with AI algorithms or models
AI-omics guided radiotherapy, interventional diagnosis and therapy;
Spatiotemporal longitudinal analysis in imaging follow-up of tumor;
Computer assisted detection (CAD) in cancer screening: methods and evaluations.

Guest editors

Jie Tian,   Institute of Automation, Chinese Academy of Sciences
Jian Wu, College of Computer Science and Technology, Zhejiang University
Jun XU,   Nanjing University of Information Science and Technology
Zhigang Song, Department of Pathology, General Hospital of Liberty Army
Ning Wu, PET-CT Center, Cancer Hospital Chinese Academy of Medical Sciences
Yudong Zhang, Department of Radiology, Jiangsu Provincial People's Hospital
Lei Tang, Department of Radiology, Peking University Cancer Hospital

Manuscript types

Editorial / Commentary
Review
Perspective
Original article
Data paper

Conference website: www.benchcouncil.org/conferences/ficc/2021/im21/im21_en.htm

Submission site: https://easychair.org/conferences/?conf=medtech21, or the online journal system
http://journal13.magtechjournal.com/journalx_cmsjen/authorLogOn.action

Submission deadline: June 15, 2021

Publication fee: Waived for the special issue

Chinese Medical Science Journal