

Medical Research and Innovation

Call for Papers

Dear Prof. _____

It is our great honor to invite you to contribute a research paper or review (5000-8000 words) for the journal *Medical Research and Innovation*.

MRI is an open access, peer-reviewed medical journal sponsored by Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, and supervised by Shanghai Jiao Tong University. It is an official journal of College of Health Science and Technology, Shanghai Jiao Tong University School of Medicine.

MRI covers clinical and basic research in all medical disciplines. It aims to display innovative achievements, new hot spots and key technologies in basic medicine, clinical research and laboratory transformation and application in an all-round and multi-angle way, build a first-class academic exchange platform and share the latest research progress in the international medical field, disseminate new medical views, exchange new clinical technologies, and share new scientific research achievements. The topics of interest include diagnosis, treatment, nutrition, rehabilitation etc. MRI focuses on the diagnosis and treatment of hemophilia, the basis of tumor immunity and tumor immunotherapy, clinical molecular imaging, food and nutrition, hearing and speech rehabilitation and other interdisciplinary fields.



Article Types include, but are not limited to:

Special Topic, Original Article, Editorial, Review, Highlight, Letter, Interviews, Perspective, Correspondence, News and Opinions, Book Review, Case Report, Commentaries.

Potential topics include, but are not limited to:

Application of medical radiologic technology in clinical diagnosis
Clinical application of organoid technology
Advances of single cell sequencing technology
Technical system for efficient discovery of effective substances of Chinese medicine
3D printing and organ regeneration
AI assisted disease diagnosis and treatment
Application of artificial intelligence in drug design
Study on dynamic mechanism of tumor
New advances in cancer

New advances in chronic airway diseases
Dermatology
Focus on burden of disease
Hepatocellular carcinoma
Update of hot topics in neurologic diseases
Alzheimer's Disease
Intestinal Microbiota
Cardiology
Tumor Epidemiology and public health
HIV-AIDS
Important coronavirus articles

Submission

E-mail: medresearch2023@163.com

Languages

English/Chinese

Key Deadlines

Expected to receive the Title, Abstract before May 30, 2023

Expected manuscript before September 20, 2023

Contact

For any questions, please feel free to contact with us:

Add: Ruijin No.2 Road #197, Huangpu District, Shanghai, 200025, China

Tel: 86-021-64370045-611425

E-mail: medresearch2023@163.com

Headed by experienced and internationally recognized Editors-in-Chief and supported by a strong, internationally diverse team of editors, MRI benefits various groups, including clinicians, practitioners, academics and administrators worldwide in the field of medicine and healthcare.

We look forward to your participation!

Kind regards,

Honorary Editor-in-Chief
Ning Guang

Editor-in-Chief
Wang Xuefeng

Editorial Office of Medical Research and Innovation
March 15, 2023

Shanghai Jiao Tong University

Shanghai Jiao Tong University, known as “SJTU”, located in Shang Hai, founded by Sheng Xuanhuai in Shanghai, China, in 1896 with the goal of cultivating talented professionals for the nation. After 125 years of unremitting efforts, today SJTU has become one of the famous institutions of higher learning with the longest history and reputation at home and abroad, and a key university directly under the administration of the Ministry of Education (MOE) of the People's Republic of China and co-constructed by MOE and Shanghai Municipal Government. SJTU is part of “Double First-Class” project, “Project 985”, “Project 211”, and is also member of C9 League, Association of Pacific Rim Universities, Academic Consortium 21, The Association of University Presidents of China, Universitas 21, International Strategic Technology Alliance, New Engineering Education International Alliance and CAMPUS Asia. SJTU is also selected as Everest Program for Basic Research in Colleges and Universities, Strengthening Basic Disciplines Program, Overseas Expertise Introduction Project for Discipline Innovation, Institutions of higher learning innovation ability enhancement project, Physician education and training program of excellence, National construction of high-quality University projects of graduate, Chinese Institutions Admitting International Students Under Chinese Government Scholarship Programs, and Degree Authorization Self-audit Unit. Over 200 members of the Chinese Academy of Sciences and the Chinese Academy of Engineering are SJTU alumni. In the recent 2 decades, SJTU led the country for the 12th consecutive year in terms of both the number of projects and the amount of funds received from the National Natural Science Foundation of China.

SJTU is currently comprised of 5 campuses with more than 300 hectares. SJTU has 33 schools/departments, 12 affiliated hospitals, 2 affiliated medical research institutes, 23 directly affiliated units and 5 directly affiliated enterprises, with 17,460 full-time undergraduates, 14,670 full-time master degree candidates, 11,031 full-time doctorate degree candidates, and 2,291 overseas students (among which 1,331 are postgraduates). SJTU faculty includes 3,512 full-time teachers (among which 1,157 are professors), 27 members of the Chinese Academy of Sciences, and 25 members of the Chinese Academy of Engineering. As a comprehensive university, SJTU offers 71 undergraduate programs covering 9 major disciplines: economics, law, literature, science, engineering, agriculture, medicine, management, and arts.

About Ruijin Hospital

Ruijin Hospital was founded in 1907, formerly known as “Kuang-tse Hospital 广慈医院” and “Sainte-Marie Hospital”, and is a tertiary hospital rated as "Grade 3, Class A" and one of the National Medical Centers by the National Health Commission. The hospital has three campuses with a total land area of 290,667 square meters. It has 2,742 staffed beds and employs 5,788 professionals. The hospital boasts numerous medical experts with a high reputation both at home and abroad, including CHEN Zhu and CHEN Guoqiang as members of the Chinese Academy of Sciences, WANG Zhenyi, CHEN Saijuan, and NING Guang as members of the Chinese Academy of Engineering.

The hospital runs 46 clinical specialties, among which 23 are selected as national key ones, and 34 are qualified for conducting clinical trials as CDE base. It also houses 1 national key laboratory, 1 national clinical research center of Ministry of Science & Technology, 1 basic science center of the National Natural Science Foundation of China, 4 key disciplines of the Ministry of Education, and 6 municipal-level research institutes. Leading with solid research accomplishment and curing the incurable with commitment, Ruijin Hospital always meets the challenges in the no man's land of medical technology. By mastering the cutting-edge therapy and adopting the team approach, we unite our strengths for the multidisciplinary treatment to the patients' trust and the medical fellows' recognition.

Today, our Proton Center for Tumor wholly owns the IPR of the critical technology developed by China solely; the first comprehensive national major scientific and technological infrastructure “National Facility for Translational Medicine (Shanghai)” integrates clinical medicine and basic research. As the forerunner in the digitalization of healthcare within the framework of "digital transformation for better life", Shanghai Digital Medicine Innovation Center has been established by Shanghai Municipal Government. Ruijin Hospital also serves on our cooperative campuses in Wuxi and Taicang (Jiangsu Province), Zhoushan (Zhejiang Province), and Boao (Hainan Province).

During the 14th “Five-Year Plan” during 2021-2025, Ruijin Hospital developed the "BE-QUIET" strategy, which emphasizes Branding, Evolving, Quality, Unity, Intelligent, Efficiency, and Technology. We will explore the pathways to modern hospital management, operating under one umbrella with functional modules and universal quality service. While marching to a mission as the national medical center and the regional medical center, Ruijin Hospital connects hospital, community, and public health systems into a value chain to form a seamless care net for the people. Aiming the total capacity of trauma and emergency rescue, we will build up a complex for the integrated normal-surge rescue; with digital technology, we will align with Yangtze Delta Regional resources to form a medical alliance of excellence; we will undertake the responsibilities of revolutionizing the industry focusing on the horizon of future medicine; we will strive to perform as a world-class hospital in Asia and linking to the partners in the Belt & Road Initiative.

College of Health Science and Technology

Being an essential component of modern medicine, medical technology became in 2011 the first-level discipline under the category of medicine and is an important pathway for clinician to access to patient's information and to implement therapy, serving the patient directly or indirectly through provision of medical technologies including diagnosis, treatment, nutrition, rehabilitation service, etc. With every progress made in medical technology having brought about the soaring development of modern medicine, medical technology has become today an important tool and key driver for human being to explore into the unknown areas of medical and life sciences. Medical technology not only affords assurance in the sense of engineering technology and methods for innovative development of those disciplines such as clinic, pharmacy, etc., but also is a vital bridging discipline, bridging not only the interactions between basic and clinical medicine, and biomedical engineering and medicine, but also the achievement commercialization between higher-learning institutions and medical businesses.