



3D Printing for Medical Applications

Guest Editor:

Dr. Nick Vordos

Physics Department,
International Hellenic University,
65 404 St. Lucas, Kavala, Greece

Deadline for manuscript
submissions:

closed (31 May 2021)

Message from the Guest Editor

To date, 3D printing has been used in various sectors such as industry, sports, military, architecture and bioengineering with a multitude of benefits. Medical applications related to 3D printing are expanding rapidly and are expected to revolutionize health care. Additive technology in medicine is a multidisciplinary field which combines, among others, engineering, medicine, physics, chemistry, mathematics, material science, and information technology. Implants, 3D anatomical models before surgeries, 3D models for medical education purposes, bioprinting of organs and tissues, and printing of personal protective equipment are indicative applications of 3D printing in medicine.

In this Special Issue titled “3D Printing for Medical Applications”, we welcome regular, review articles, clinical, in vitro and in situ studies, innovative protocols, and reports on these topics. This Special Issue seeks high-quality works and topics focusing on the latest novel medical applications of 3D printing.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Fernando Albericio

1. School of Chemistry and Physics, University of KwaZulu-Natal, Durban, South Africa
2. Department of Organic Chemistry, University of Barcelona, Barcelona, Spain

Message from the Editor-in-Chief

Methods and Protocols (ISSN 2409-9279) is an open access journal devoted to the publication of new procedural approaches and cutting-edge methodological developments. The ultimate objective of this new forum of scientific communication is to provide researchers with an indispensable tool, enabling better use of the latest scientific technologies. With a broad and totally interdisciplinary focus, *Methods and Protocols* was established with the objective of facilitating cross-fertilization and cross-talk in the scientific arena. Methods and protocols in Life Sciences, Chemistry, Biomedical Sciences, Engineering, and in their intersections such as Biotechnology and Nanotechnology will constitute the core of the journal. However, we anticipate that other fundamental disciplines such as Physics or Geology will be rapidly incorporated.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q2 (Biochemistry, Genetics and Molecular Biology (miscellaneous))

Contact Us

Methods and Protocols Editorial
Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mps
mps@mdpi.com
✉@MPs_MDPI