

4th International Symposium on Biomaterials 2020

October 9, Ljubljana, Slovenia

The International Symposium on Biomaterials series provides a forum for academics, clinicians, researchers and practicing engineers to meet and exchange innovative ideas and information on all aspects of material-processing technologies. It was initiated in 2016 at the Department for Orthopaedic Surgery, University Medical Centre, Ljubljana, and the Institute of Metals and Technology, Ljubljana, with the participation of the Stomatological Dept, Orthopedic Surgery Department of the Faculty of Medicine, University of Ljubljana. The Symposiums were held at the Congress centre of GH Bernardin, Portorož Slovenia in 2017, 2018 and 2019.

The global Covid-19 pandemic has considerably impacted the organisation of the symposium. It was decided that in 2020 the 4th International Symposium on Biomaterials is organised **at the University Medical Center, Orthopedic Surgery Department, Ljubljana Slovenia**

The Scientific and Organizing Committee, chaired by Prof. Dr. Drago Dolinar (Dept for Orthopaedic Surgery, (University Medical center, Ljubljana) and Prof. Dr. Monika Jenko (Institute of Metals and Technology, Ljubljana) invite colleagues to attend and present their research work at the *4th International Symposium on Biomaterials* and take this opportunity to report on their research work and ongoing projects at this international gathering of researchers from all over the world. The researchers from both the life sciences and engineering, clinicians and company representatives will provide an effective environment for stimulating exchanges and discussions.

Topics

- Biomaterial synthesis and characterization
- Bio-interfaces
- Metallic, ceramic and polymeric biomaterials
- COVID 19 – in Orthopedic Surgery
- Composites and nanocomposites
- Biomaterials for hard- and soft-tissue regeneration
- Biocompatibility and in-vitro tests
- Cell-material interactions
- Scaffold-based tissue engineering
- Tissue and organ models
- Additive manufacturing and 3D bio-printing
- Clinical applications and commercialization of biomaterials
- Surface science in medical applications

Venue



University Medical Center Ljubljana,
Dept for Orthopedic Surgery, Slovenia

Scientific and Organizing Committee



Prof. Dr. Drago Dolinar Prof. Dr. Monika Jenko
dolinardrago@gmail.com monika.jenko@imt.si

4th International Symposium on Biomaterials 2020

October 9, Ljubljana, Slovenia

Important Dates

1 st Call for Papers	February	2020
2 nd Call for Papers	March	2020
Submission of Abstracts	July	2020
Notification of Acceptance	August	2020
Registration	August	2020
Symposium Dates	October 9,	2020

Submission of Final Paper December 2020

Symposium Organizers

- The Institute of Metals and Technology, Ljubljana Slovenia,
- MD-RI Institute for Materials Research in Medicine, Ljubljana, Slovenia
- MD Medicina, Ljubljana, Slovenia
- University Medical Center Ljubljana, Dept for Orthopedic Surgery
- Faculty of Medicine University of Ljubljana, Slovenia
- Fizioterapevtika, Ljubljana Slovenia

IMT is the publisher of the scientific journal Materials and Technology (IF 0.714), which publishes original and review scientific papers as well as technical news in theoretical and applied natural sciences and technologies from the fields of metallic and inorganic materials, polymers, vacuum technology, nanomaterials, biomaterials and surface engineering. In 2020 regular issue MIT-BIO 5 Published in September 2020 is dedicated to Biomaterials, guest editors Prof. Dr .Drago Dolinar and Prof.Dr Monika Jenko

You are also kindly invited to publish your article in the scientific journal **Materials and Technologies** (MIT), in an issue dedicated to **Biomaterials -MIT- BIOMATERIALS 2021**.

Symposium Venue

The 4th International Symposium on Biomaterials will be organized in the beautiful Slovenian Capital Ljubljana. The symposium will be held due to the Corona Pandemia **at the University Medical Center, Orthopedic Surgery Department, Ljubljana Zaloška 9, Slovenia**



More information is available via e-mails: dolinardrago@gmail.com, monika.jenko@imt.si