Message from the Guest Editors

Dear Colleagues,

3D scanning and additive manufacturing technologies fostered the design of custom-made medical devices and the development of patient-specific procedures. The revolution triggered by these techniques has recently transformed itself into a mature and large medical reality.

This Special Issue focuses on the recent development of personalized medical devices, and welcomes contributions dealing with every scientific aspect involved in the design and fabrication of personalized medical devices. Papers may be focused on, but are not limited to, the following topics related to personalized medical devices:

- personalized medical devices;
- medical devices for training;
- patient-specific implants;
- software tools for personalized medicine;
- personalized orthopedic devices;
- patient-specific simulation;
- additive manufacturing and personalized medicine;
- reverse engineering and personalized medicine;
- robotic applications for personalized medicine;
- 3D scanning and personalized medicine;
- human–computer interaction;
- simulation of surgical operations.

Deadline for manuscript submissions: closed (30 April 2021)