



## New Insights into the Development of In Situ Bioprinting for Tissue Engineering

Guest Editors:

**Dr. Gabriele Maria Fortunato**

Department of Information  
Engineering and Research Center  
“E. Piaggio”, University of Pisa,  
Largo Lucio Lazzarino 1, 56122  
Pisa, Italy

**Prof. Dr. Giovanni Vozzi**

Research Center E. Piaggio and  
Department of Information  
Engineering, University of Pisa,  
56126 Pisa, Italy

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### Message from the Guest Editors

This Special Issue on “New Insights into the Development of In Situ Bioprinting for Tissue Engineering” will focus on original research papers and comprehensive reviews, reporting the most innovative works in the in situ bioprinting field that deal with both the technological and biological aspects of this topic. Topics of interest for this Special Issue include, but are not limited to, the following:

- Development of innovative robotic/handheld systems for in situ bioprinting;
- Path planning methods for robotic-based in situ biomaterial deposition;
- Combination of multiple bioprinting technologies to achieve multi-scale and multi-material in situ biofabrication;
- AI-based strategies for the severity assessment, localization and regeneration planning of anatomical defects;
- Development and optimization of biomaterials for in situ deposition and tissue regeneration.





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## Editor-in-Chief

**Prof. Dr. Anthony Guiseppi-Elie**

Department of Biomedical  
Engineering, Texas A&M  
University, College Station, TX  
77843, USA

## Message from the Editor-in-Chief

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*Bioengineering* Editorial Office  
MDPI, St. Alban-Anlage 66  
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