

## Special Issue

# Reconstructions in Difficult Settings: Infections and Bone Tumors

### Message from the Guest Editors

Large bone defects may be caused by either bone and prosthetic infections or bone sarcomas. Many reconstructive techniques can be used to restore bone and joints in large bone defects. Often, the poor quality or quantity of bone does not allow standard prosthetic devices to be implanted or requires large amounts of cadaveric or autologous bone grafts, with related risks and complications. Today, custom-made prosthesis, as well as newer material such as high porosity trabecular metal, can help in the reconstructive process. The aim of this Special Issue is to share the personal experience of the groups and authors currently working on articular and periarticular reconstructions in difficult settings.

---

### Guest Editors

Dr. Andrea Sambri

IRCCS Policlinico di Sant'Orsola, Bologna, 40138 Bologna, Italy

Dr. Massimiliano De Paolis

Orthopaedics and Traumatology Unit—IRCCS Azienda Ospedaliero Universitaria di Bologna, Bologna, Italy

---

### Deadline for manuscript submissions

closed (10 November 2021)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/85440](https://mdpi.com/si/85440)

*Applied Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/  
appls](https://mdpi.com/journal/appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)