

## Special Issue

# Albumin for Bone Tissue Regeneration

### Message from the Guest Editors

For this Special Issue, contributions that investigate albumin's therapeutic potential, mechanism of action, and novel techniques for bone tissue engineering are welcome for submission. We invite researchers from multiple disciplines to present their novel insights and breakthroughs in the following areas of interest:

- Bioinspired albumin-based scaffolds: Design, fabrication, and characterization of bioactive scaffolds incorporating albumin for bone tissue regeneration.
- Albumin-based drug delivery systems: Innovative strategies utilizing albumin as a carrier for targeted delivery of therapeutic agents to promote bone regeneration.
- Albumin-based growth factors: Investigation of the modulation of albumin in the release and delivery of growth factors to enhance bone tissue regeneration.
- Albumin-induced osteogenic differentiation: Insights into the biological mechanisms and signaling pathways stimulated by albumin, leading to enhanced bone regeneration.
- Albumin-based composite materials: Development and evaluation of hybrid materials combining albumin with other biomaterials to improve bone tissue regeneration.

### Guest Editors

Dr. Denes B. Horvathy

Department of Interventional Radiology, Semmelweis University,  
Budapest, Hungary

Dr. Matthew Bernards

Department of Chemical & Materials Engineering, University of Idaho,  
Moscow, ID 83843, USA

### Deadline for manuscript submissions

closed (30 June 2024)



## Bioengineering

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[bioengineering@mdpi.com](mailto:bioengineering@mdpi.com)

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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

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