

# JOM Call for papers

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**Manuscript Deadline:** *January 1, 2025*

## ***Innovations in Biofunctionalization: Bridging Materials and Biology***

Biofunctionalization, the process of imparting biological functionality onto inert materials, has seen remarkable advancements in recent years, revolutionizing biomedical technologies. This special topic investigates the latest developments in biofunctionalization techniques and their applications in diverse fields such as drug delivery, tissue engineering, and biosensing. From surface modification strategies to the integration of biomolecules, nanoparticles, and synthetic polymers, this issue highlights the innovative approaches driving progress in biofunctionalization. Additionally, it discusses the challenges and future prospects of this rapidly evolving field, emphasizing its potential to transform healthcare through tailored biomaterial interfaces and enhanced therapeutic efficacy.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:  
<http://www.tms.org/AuthorTools/>

**Keywords for this topic:** **Surface Modification and Coatings; Thin Films and Interfaces**

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**Committee Sponsor(s):** **Thin Films and Interfaces**

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