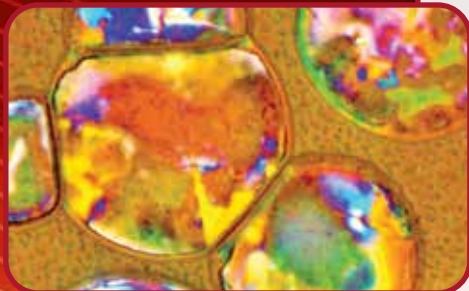


JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: *June 2025*

Manuscript Deadline: *December 1, 2024*

Degradation Behavior of Biodegradable Metals for Medical Applications

Biodegradable metals based on Mg, Zn, Fe, Mo, and W alloys are used in medical applications due to their mechanical and corrosion properties. Experimental modelling has been ongoing for almost two decades, but computational modelling is becoming prevalent in materials design and testing. Predictive models enable in silico testing, reducing experimental costs and time. This special topic welcomes submissions in both computational and experimental modeling that complement, expand, and potentially accelerate the development of biodegradable metals.

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; Synthesis and Processing; Thin Films and Interfaces*

Guest Editor(s): *Diego Mantovani, Berit Zeller-Plumhoff and Hyung-Seop (Chris) Han:*

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

If you are interested in submitting a paper, upload your manuscript at <https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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