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Mechanics of Biological Systems and Materials, Volume 3, 2026

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Description:

Mechanics of Biological Systems and Materials, Volume 3 of the Proceedings of the 2026 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the third volume of five from the Conference, brings together contributions to important areas of research and engineering. The collection presents early findings and case studies on a wide range of topics, including:

- Medical Device Fatigue Behavior
- Multi-Axial Testing of Aortic Tissue
- Laser Spallation of Biofilms
- Viscoelastic Creep Response of Biological Tissues

Keywords: Aorta, Creep, Viscoelastic, Rheology Aorta, Extension, Inflation, Torsion, Experimental Laser spallation,Ti6Al4V, Biofilms,Cells,Adhesion Microstructure,fatigue,MP35N, Medical Device