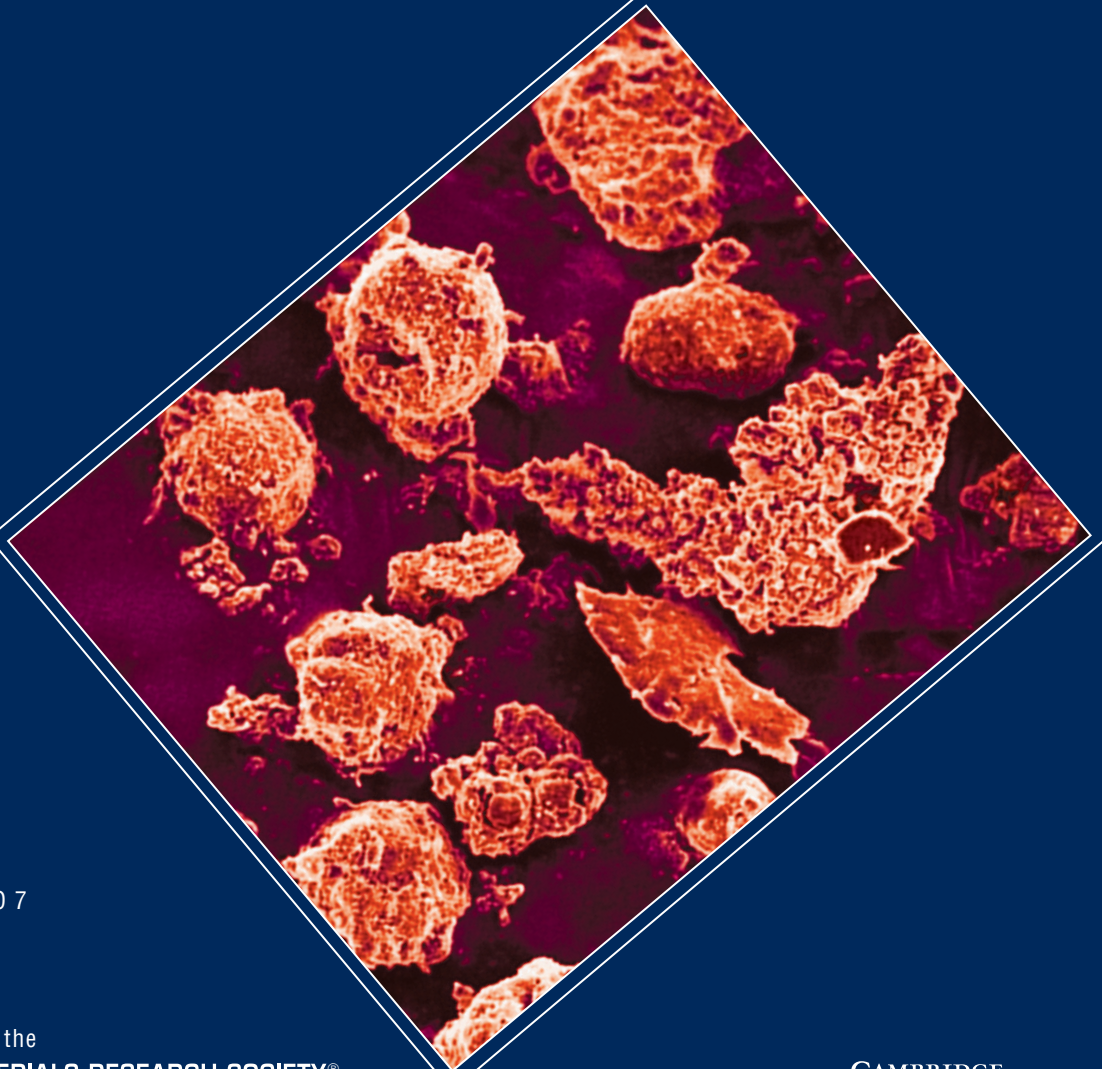


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Cover: SEM micrographs (3000x) of as-prepared AlN powders from Al powders with NH<sub>4</sub>Cl = 50% and 600 °C for 5 min followed by 700 °C for 5 min, in N<sub>2</sub> plasma. [M-C. Sung, Y-M. Kuo, L-T. Hsieh, C-H. Tsai: Two-stage plasma nitridation approach for rapidly synthesizing aluminum nitride powders. p. 1279].

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## *Susmita Bose appointed JMR Associated Editor for Biomaterials*



*Journal of Materials Research* Editor-in-Chief Gary Messing is pleased to announce the appointment of Professor Susmita Bose as Associate Editor for Biomaterials. “Dr. Bose is a highly-cited materials scientist who has an international reputation for her research on bone scaffolds materials, drug delivery and biomaterial processing by additive manufacturing and surface modification techniques. Her expertise in the areas of synthesis and advanced processing of biomaterials, their *in vitro* and *in vivo* studies involving cells – tissue – material interactions are crucial for the development of new biomaterials constructs, and she brings a wealth of expertise in calcium phosphate bioceramics and titanium biomaterials platforms. Under her leadership we plan for significant coverage of bio-related materials science in *JMR*,” states Dr. Messing. Professor Bose is Herman and Brita Lindholm Endowed Chair Professor in the School of Mechanical and Materials Engineering at Washington State University.

Dr. Bose’s interdisciplinary research interest lies at the interface of chemistry, biology, bioengineering, materials science and engineering, focusing on different biomaterials, 3D printing of ceramic and composite materials for various applications including, drug delivery, bone tissue engineering, and surface modification of bone implants. Prof. Bose received the prestigious Presidential Early Career Award for Scientist and Engineers from the U.S. National Science Foundation. Dr. Bose was named a Kavli Fellow by the U.S. National Academy of the Sciences in 2006. In 2009, she received the Schwartzwalder-Professional Achievement in Ceramic Engineering Award, the Richard M. Fulrath Award from the American Ceramic Society in 2014, and the International Society of Ceramics in Medicine research excellence award in 2016. Prof. Bose is an editorial board member for several international journals and holds 6 U.S. patents. She is a fellow of the American Association for the Advancement of Science, the American Institute for Medical and Biological Engineering, and the American Ceramic Society.

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