



Advances in Biomedical Polymers and Composites [Materials and Applications

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Monografía

Advances in Biomedical Polymers and Composites: Materials and Applications is a comprehensive guide to polymers and polymer composites for biomedical applications, bringing together detailed information on their preparation, properties, cutting-edge technologies, innovative materials and key application areas. Sections introduce polymers and composites in biomedical applications and cover characterization techniques, preparation and properties of composites and gel-based systems. Innovative technologies and instruments used in the fabrication of polymer composites for biomedical applications are then presented in detail, including 3D bioprinting, 4D printing, electrospinning, stimuli-responsive polymers and quantum dots. This is a valuable resource for anyone looking to gain a broader understanding of polymers and composites for biomedical applications. In addition, it is ideal for readers who want to conduct interdisciplinary research or explore new avenues for research and development

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