

Special Issue

Advanced Technology for Implant Polymers in Orthopaedics, Spine, and Trauma

Message from the Guest Editors

Welcome to the Special Issue dedicated to Advanced Technology for Implant Polymers in Orthopaedics, Spine and Trauma. This Special Issue is also the official proceedings for the 2024 Implant Polymers: UHMWPE and PEEK Conference

(<https://biomed.drexel.edu/peekandpoly/>) which is convened in Barcelona on June 20–21, 2024. The purpose of this Special Issue, as well as the conference, is to bring together engineers, scientists, regulators, and clinicians from academia, industry, and government to present leading edge research on advancements in medical grade UHMWPE, PEEK, and the rapidly growing field of polymer implant additive manufacturing technology. In addition to UHMWPE and PEEK, the Special Issue and conference will also broadly showcase point-of-care additive manufacturing of implantable polymers, and hopefully attract submissions from not only the entire PAEK family, but also 3D-printable HWPEs and other implant polymers that are being exploited by 3D printing such as EVA, PPSU, as well as bioresorbable polymers, such as polylactides and polycaprolactones.

Guest Editors

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Editor-in-Chief

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