



Advanced Organometallic Syntheses for Biomedical Applications

Guest Editor:

Dr. Bala Krishna Moku

Verna and Marrs McLean
Department of Biochemistry and
Molecular Pharmacology, Baylor
College of Medicine, Houston, TX
77030, USA

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Message from the Guest Editor

In recent decades, organometallic chemistry has emerged as a powerful tool in developing innovative materials and compounds with diverse applications in various sectors, including biomedical sciences. “Advanced Organometallic Syntheses for Biomedical Applications” represents a cutting-edge interdisciplinary area that leverages the unique properties of organometallic complexes for the design and fabrication of novel therapeutic agents, diagnostic tools, and drug delivery systems. By integrating the principles of synthetic chemistry, molecular biology, and materials science, researchers are exploring the potential of organometallic compounds to address complex challenges in disease treatment, imaging, and targeted therapy. This Special Issue of *Biomolecules* aims to explore fundamental concepts and recent applications that describe the transformative potential of organometallic chemistry in revolutionizing healthcare.





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Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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