

Special Issue

Hyaluronic Acid: A Versatile Polysaccharide for Biomedical Applications 2023

Message from the Guest Editor

Hyaluronic acid (HA), a naturally occurring anionic polysaccharide, has attracted significant research attention in the biomedical field because it possesses well-documented biocompatibility and pharmaceutical acceptability. Due to its strong hydrophilic character and its high molecular weight in biological tissues, it presents important structural and functional roles in the body. Its high molar mass is associated with its unique viscoelastic and rheological properties and predisposes HA to play important physiological roles in living organisms, making it an attractive biomaterial for various medical applications. This Special Issue aims to highlight the current progress in the field of HA-based biomaterials, by taking a multidisciplinary approach covering the expertise of the contributing authors in polymer science, pharmaceutical technology, bioconjugate chemistry, biology and medicine.

Guest Editor

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