Proteoglycans (PGs) are an exciting class of molecules with a huge variety of critical functions in cell regulation due to their functional interactions with protein partners. PGs are highly complex and functionally diverse molecules which are strategically positioned on the cell surface and in the matrix, and impact mechanistically on fundamental processes in health and disease.

Increased understanding of their structure-function relationships is underpinning new insights into their roles in diverse disease processes (including cancer, neurodegeneration, and host-pathogen interactions) and in normal repair mechanisms (such as angiogenesis, wound healing, nerve regeneration and stem cell regulation). This is now leading to the emergence of novel therapeutic strategies and applications in bio-inspired biomaterials.

The meeting programme will focus on research areas at the forefront of the field, covering basic aspects of PG research (including new technologies and tools), their functions and mechanisms of action, and advances in translation to biomedical applications.

Register online:
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