



6TH MAY 2026, 9:30 A.M. SEMINAR ROOM - BIOTECH (MATTARELLO) AND ONLINE

This seminar presents the development of biodegradable and bioadhesive hydrogels for targeted tissue repair in urological diseases.

The research focuses on innovative solutions for hemorrhagic cystitis, using bladder-adaptive hydrogels with strong adhesion, anti-inflammatory and antibacterial properties, capable of promoting tissue regeneration in dynamic environments.

In addition, a printable hydrogel stent for vas deferens reconstruction is introduced, designed to improve surgical outcomes, prevent complications and ensure long-term functionality.

These advanced biomaterials offer promising minimally invasive strategies for urological therapy and open new perspectives in regenerative medicine.

Speaker: Dr. Kerong Wu
The First Affiliated Hospital of Ningbo University (China)

Hydrogel-assisted tissue repair and surgical reconstruction in urogenital diseases

DII SEMINAR

