

Bicocca HEALTH seminar

Dipartimento di Biotecnologie e Bioscienze – UNIMIB

giovedì 20 gennaio, 2022, ore 16:30, aula U3-04 / Webex

“Biomaterials in translational medicine”

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Abstract: Smart biomaterials with bioactive and bioresponsive properties have high impact for the development of medical device with superior functional properties for a wide range of biomedical applications. Today, with the advancement of manufacturing technologies like 3D printing and 3D bioprinting, new biopolymers mimicking the ECM can find application in tissue engineering and in the development of personalized in vitro tissue models for animal free drug testing. Smart biomaterials find application in implantable medical device in order to improve biocompatibility and cell response if required. Here in this talk I will present our efforts in the field with particular attention to the diagnostic and therapeutic translational opportunities.

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