Laura Russo



- > Chimica per le Nanotecnologie Biomediche (Magistrale Chimica)
- > Laboratorio di chimica organica (Triennale Biotech e Biologia)
- > Patient-Derived in vitro Glioma Models: from patients to dish to 3D bioprinting technology (PhD Neuroscienze)

University of Milano–Bicocca



Biorganic Chemistry Lab



3D Bioprinting and Formulation Lab

University of Galway - Ireland



Department of Chemistry

Cùram - Center of Excellence on Medical Devices

Biocompatibility Innovation Partner and Advisory Board



in



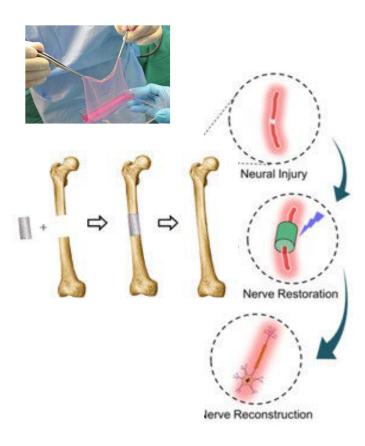




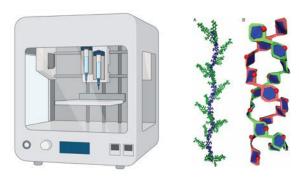


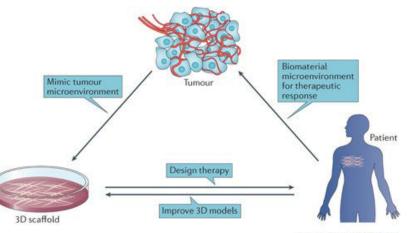
Bioorganic Chemistry in Medicine

Regenerative Medicine



3D in Vitro Models

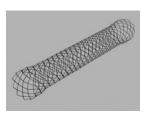




Medical devices and biosensors







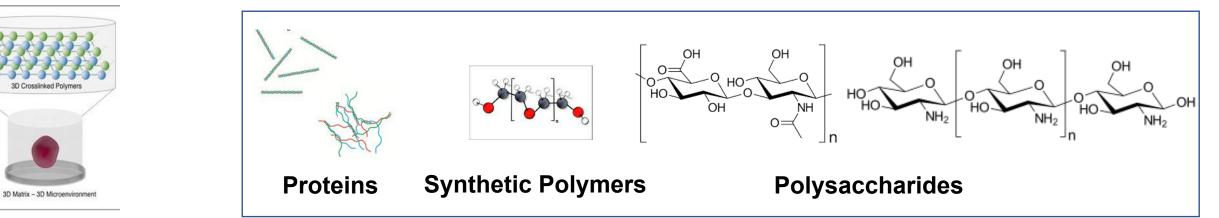


Nature Reviews | Cancer

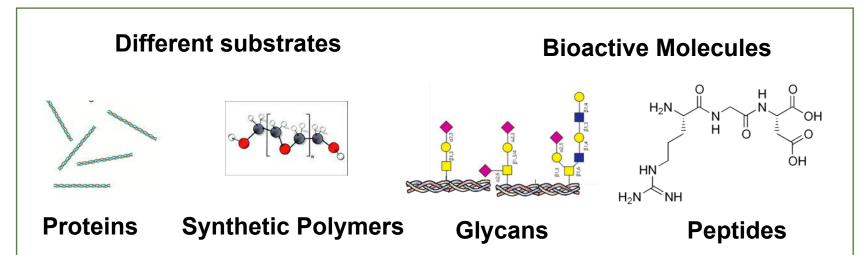


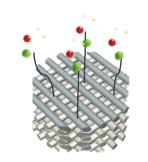
Polymers and Signaling Molecules

Crosslinking

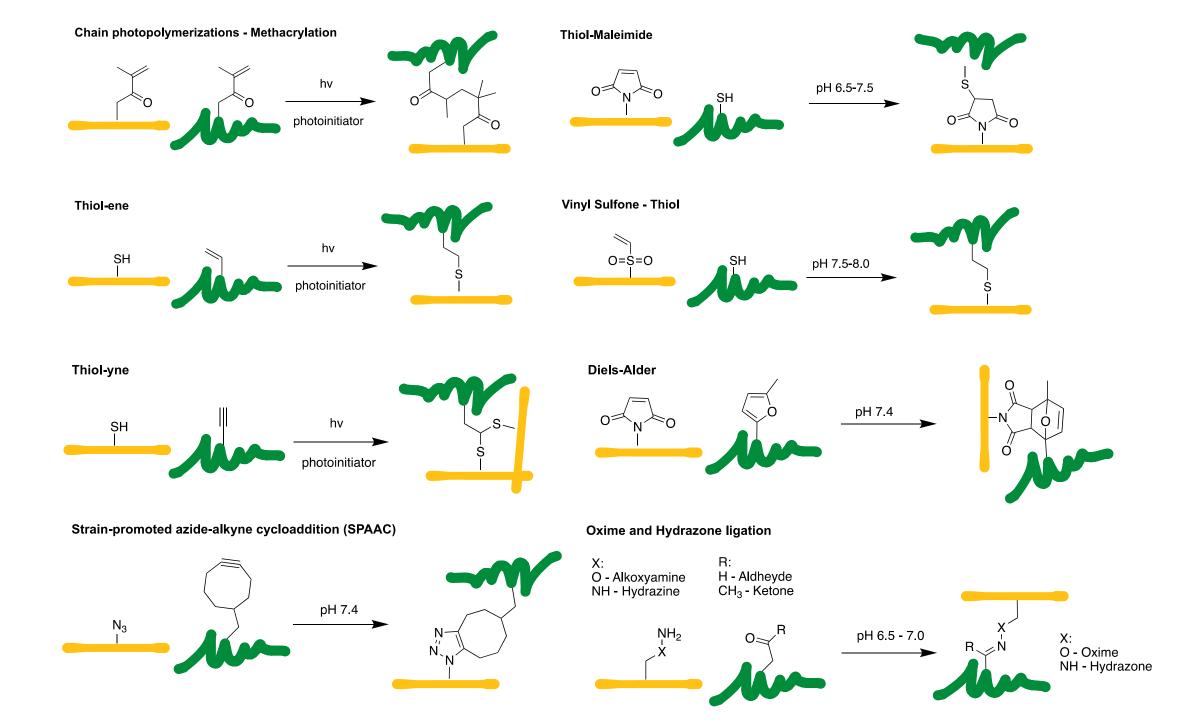


Functionalization

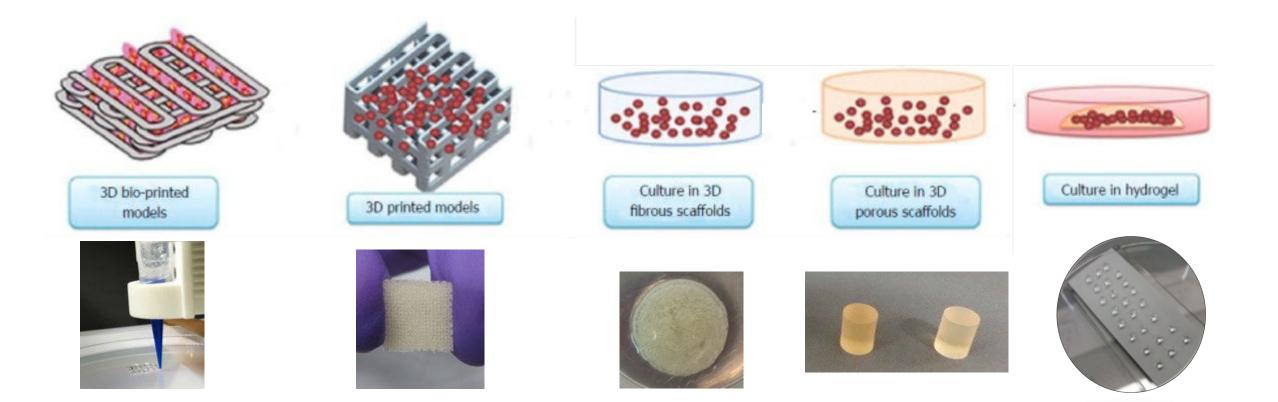




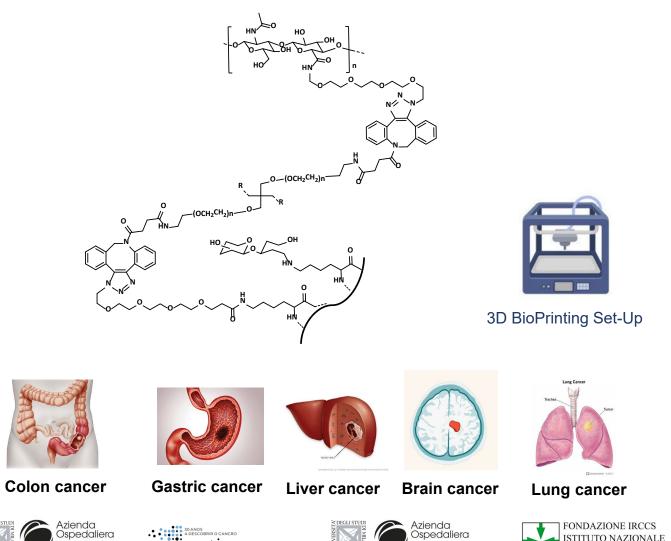
Scaffold



Manufacturing and formulation



Projects – Artificial Tissues



BICOCC

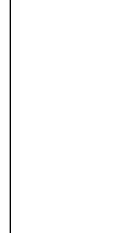
San Gerardo

DESCOBRIR O CANCRO

San Gerardo

BICOCC

nup



TUTO NAZIONALE

TUMORI



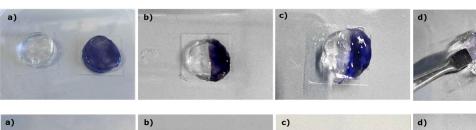


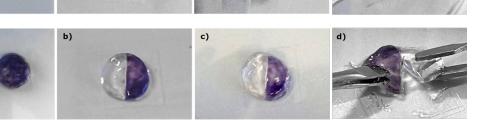
Projects – Regenerative Medicine

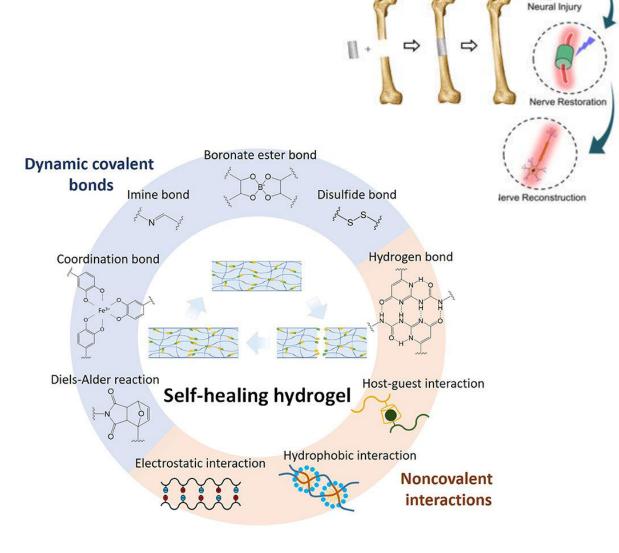


Artifical Organs and Tissues

- Injectable hydrogels
- Dynamic and self assembled polymers
- Smart Biomaterials

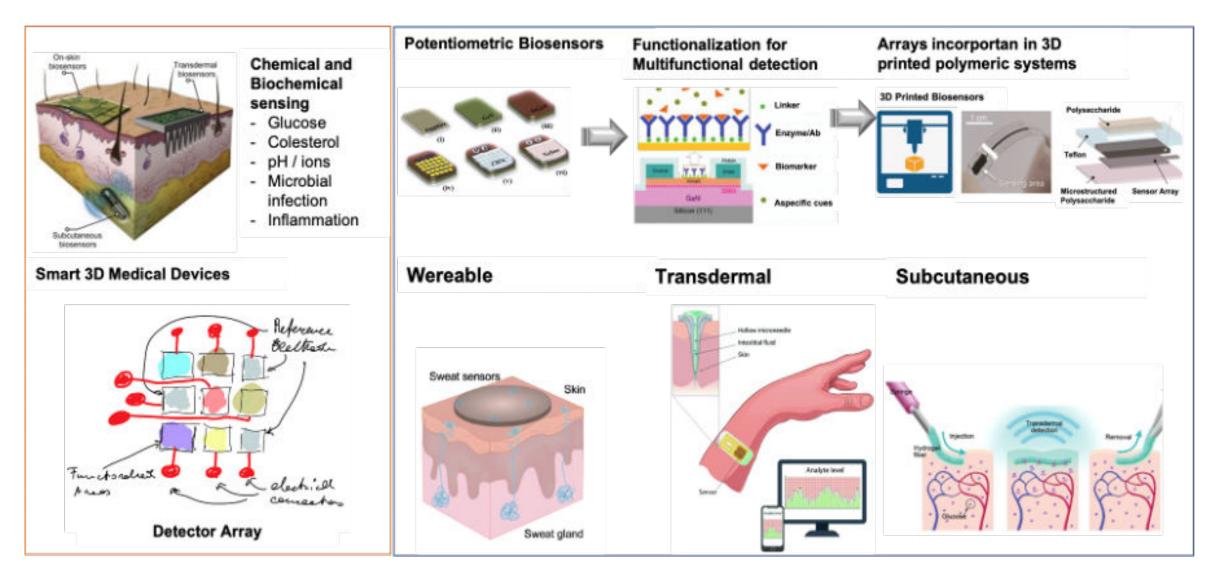






Projects - Biosensors

In collaboration with Prof. Sanguinetti – Deaprtment of Material Science



Projects – medical devices

Medical devices coating

- Conjugation of antiadhesive polymers
- Coating with antimicrobial polymers

