



UNIVERSITÀ
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Department of
Industrial Engineering

BIotech
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Biomedical Technologies

These Seminar Series are endorsed by



Ministero della Salute

Life4Hub

(Living Innovative Fully Engineered
for HUmAn Bio Replacement)

Biotech Seminars Series

2022-2023

*Innovation in biomedical
technologies: emerging
strategies for human life*



***Cell reprogramming
strategies to induce
tissue regeneration and
rejuvenation***

Speaker:

Dr. **Irene de Lázaro**, NYU, New
York, USA

February 28th, 2023

h. 2.30 pm CET

Zoom Platform

Abstract

In this seminar, we will discuss bioengineering strategies to modify cell identity and differentiation in vivo – via temporal control of the expression of defined transcription factors – and how these may be applied to improve tissue regeneration after injury, disease or age-related regeneration. We will discuss successful examples of enhanced regeneration in the skeletal and cardiac muscle, as well as challenges ahead of their clinical translation.

Register here:

https://docs.google.com/forms/d/1pLgsjS0zk_3fFxs33y-OBP_sBdOxHnll5Anx2YrK2Nk/edit

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