

## Thursday 23<sup>rd</sup> of September 2021

### Room-U3-04

#### Webex link:

<https://unimib.webex.com/unimib/onstage/g.php?t=a&d=26723640778>

Password: DAY3

#### SESSION V

Chairs: Stefania Blasa, Fabrizio Beltrametti

- 09:00 – 09:25 *PhD student's presentation: 2<sup>nd</sup> year* **S18**  
**Sara Bertuzzi**, CIC bioGUNE,  
Basque Research Technology Alliance, Derio, Spain  
Cross-linking effects dictate the preference of galectins to bind  
LacNAc-derived HMPA copolymers
- 09:25 – 09:50 *PhD student's presentation: 2<sup>nd</sup> year* **S19**  
**Luca Mastella**, University of Milano-Bicocca, Milan, Italy  
Development of a sustainable process to produce Vitamin B9
- 09:50 – 10:15 *PhD student's presentation: 2<sup>nd</sup> year* **S20**  
**Stefania Garbujo**, University of Milano-Bicocca, Milan, Italy  
Synthesis and characterization of cell-derived biomimetic  
nanoparticles and their potential for the investigation of Cancer  
Associated Fibroblasts (CAFs) function
- 10:15 – 10:40 *PhD student's presentation: 2<sup>nd</sup> year* **S21**  
**Lorenzo Rossi**, University of Milano-Bicocca, Milan, Italy  
Multimodal polymeric nanoparticles for *in vivo* imaging of  
pancreatic islets
- 10:40 – 11:10 COFFEE BREAK
- 11:10 – 11:40 *Invited lecture (2<sup>nd</sup> part) and Q&A* **To1-second part**  
**Prof. Paolo Soda**, Biomedical Campus University, Rome, Italy  
Bio-image informatics: empowering humans' skills by machine  
learning
- 11:40 – 12:05 *PhD student's presentation: 3<sup>rd</sup> year* **S22**  
**Riccardo Milanesi**, University of Milano-Bicocca, Milan, Italy

Convergent technologies on eukaryotic and prokaryotic central carbon metabolism

12:05 – 12:30

*PhD student's presentation: 2<sup>nd</sup> year S23*

**Lucia Morelli**, University of Milano-Bicocca, Milan, Italy

The advantages of microfluidics technology for nanoparticles continuous manufacturing designed for oral delivery systems

12:30 – 12:55

*PhD student's presentation: 3<sup>rd</sup> year S24*

**Sofia Magli**, University of Milano-Bicocca, Milan, Italy

Biopolymer-based hydrogels as multifunctional 3D printable bio-ink for tissue engineering applications

12:55 – 14:00

LUNCH BREAK

SESSION VI

WORKSHOP

14:00 – 17:00

*Workshop*

**T10. Prof. Laura Formenti & Dott. Andrea Galimberti**

Department of Human Sciences for Education,

University of Milano-Bicocca, Milan, Italy

Developing a professional identity along the PhD training: issues, struggles, possibilities

17:00 – 17:30

*Poster award and Greetings*

**Prof. Paola Branduardi & Organising committee**

17:30

*End of day 3*