

### International Workshop (October 23-27, 2023)

#### "Innovative approaches and experimental models for personalized therapies"

The course is part of the Double Diplôme program for students of the

University of Milano-Bicocca and the University of Paris Cité

	9:30-11:15	11:15-13:00	14:30-16:15
<b>Monday 23</b>	<b>Roberto Giovannoni</b> "Genetically engineered rice: a biotech approach to design superfood for treatment of cardiovascular, liver and intestinal diseases"	<b>Laura Musazzi</b> "Behavioral animal models of mood disorders"	<b>Jean-Marc Verbavatz</b> "Small G protein function in organelle dynamics and lipid homeostasis"
<b>Tuesday 24</b>	<b>Massimo Masserini</b> "Liposomes: eclectic nanotools for medical applications"	<b>Francesco Nicotra</b> "Nanostructured materials in biomedicine"	<b>POSTER SESSION</b>
<b>Wednesday 25</b>	<b>Massimiliano Cadamuro</b> "Tumor Microenvironment Modifications in Primary Liver Tumors: Role in Tumor Development, Vascular Invasiveness and Metastatization"	<b>Marta Serafini</b> "The acute myeloid leukemia microenvironment and tailored CAR therapies"	<b>Lavinia Casati</b> "Extracellular vesicle in bone marrow microenvironment: a new tool for RNA medicine in multiple myeloma"
<b>Thursday 26</b>	<b>Veronica Krenn</b> "Brain organoids – New models to study brain development and the origin of neurodevelopmental disorders"	<b>Sara Mercurio</b> "Functional roles of the Sox2 transcription factor in the development of the hippocampus and visual system: a study by Sox2 conditional ablation in mouse"	<b>Daniela Ferrari</b> "Stem cell-based experimental treatments for Amyotrophic Lateral Sclerosis"

The course is partially supported by the "Vinci Program" of the Italian-French University

**Lectures will be held in Bldg. Ygeia (U18), room 03, Monza**

**On Thursday October 26, 1 pm to 2.30 pm, Prof. Domenico Flagiello will present the double diploma agreement with the University of Paris Cité for Italian students from Biology, Industrial Biotechnologies and Medical Biotechnologies Master Programs**

**Prof. Roberto Giovannoni:** Dept of Biology, University of Pisa

**Prof. Jean-Marc Verbavatz:** Institut Jacques Monod Université de Paris / CNRS Paris-France

**Prof.s Laura Musazzi and Massimiliano Cadamuro:** School of Medicine and Surgery University of Milano-Bicocca, Milan

**Prof. Massimo Masserini:** Former Full Professor, School of Medicine and Surgery, University of Milano-Bicocca, Milan

**Prof. Francesco Nicotra:** Emeritus Professor, Dept. of Earth and Environmental Sciences, University of Milano-Bicocca, Milan

**Dr. Marta Serafini:** Stem Cell and Immunotherapy Unit M.Tettamanti Research Center University of Milano-Bicocca, Milan

**Dr. Lavinia Casati:** Dept of Health Sciences University of Milan, Milan

**Prof.s Sara Mercurio and Daniela Ferrari:** Dept. of Biotechnology and Biosciences, University of Milano - Bicocca, Milan

**Dr. Veronica Krenn:** Human Technopole Early Career Fellow, Dept. of Biotechnology and Biosciences, University of Milano-Bicocca, Milan