

School of Medicine and Surgery and Department of Biotechnology and Biosciences

International Workshop (October 21-25, 2024)
“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
Monday 21	<i>Sara Mercurio</i> Functional roles of the Sox2 transcription factor in the development of the hippocampus and visual system: a study by Sox2 conditional ablation in mouse	<i>Giorgio Anselmi</i> Runx1 gene regulatory logic in embryonic hematopoiesis	<i>Jean-Marc Verbavatz</i> Integrative membrane trafficking and lipid homeostasis in cellular dynamics
Tuesday 22	<i>Marzia Bedoni</i> Biophotonics for the Characterization of nanoparticles for the treatment of brain disorders	<i>Cristiana Di Valentin</i> Computational modelling of nanosystem for drug delivery, targeted therapy and imaging	POSTER SESSION
Wednesday 23	<i>Martina Cappelletti</i> Ferroptosis: exploiting a solid strategy to tackle iron-dependent vulnerabilities in acute leukemias	<i>Elena Sacco</i> Advanced cellular models in cancer research. A case study in profiling and targeting metabolic rearrangements	<i>Alice Pievani</i> Modeling skeletal dysplasia in Hurler syndrome
Thursday 24	<i>Veronica Krenn</i> Brain organoids - emerging models to study brain development and the origin of neurodevelopmental disorders	<i>Emanuele Azzoni</i> Dissecting the heterogeneity of pre-natal hematopoiesis in health and disease	<i>Daniela Ferrari</i> 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 24, 1.30 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. To attend this presentation on line, use the link:
<https://unimib.webex.com/unimib/j.php?MTID=m5305a640e87b493a34656b3ec6f41643>
 Password: 24Ott!DD

Dr. Giorgio Anselmi: MRC Molecular Hematology Unit, MRC Weatherall Institute of Molecular Medicine, Radcliffe Department of Medicine, University of Oxford, Oxford, UK

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

Prof. Daniela Ferrari and Dr. Sara Mercurio: 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

Dr. Elena Sacco: Dept. Biotechnology and Biosciences, University of Milano-Bicocca and ISBE/SYSBIO Centre of Systems Biology

Dr. Alice Pievani: Tettamanti Center, Fondazione IRCCS San Gerardo dei Tintori

Dr. Martina Cappelletti and Dr. Emanuele Azzoni: Dept. Medicine and Surgery, University of Milano Bicocca

Prof. Cristiana Di Valentin: Dept. of Materials Science NANOQLAB; BioNanoMedicine Center NANOMIB; University of Milano-Bicocca

Dr. Marzia Bedoni: IRCCS Fondazione Don Carlo Gnocchi ONLUS