



**UNIMORE**  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA

# PhD Program in Molecular and Regenerative Medicine

## **Molecular and Regenerative Medicine Seminar Series (MRMss)**

# **The interplay of leukaemia cells and the bone marrow microenvironment**

**Dr. Simona Valletta PhD**

**Tuesday, June 10, 2025, at 2:30 PM**  
Aula magna Tecnopolo, via Vivarelli 2, Modena

Dr. Simona Valletta is a group leader at the University of Manchester where she leads the Leukaemic Stem Cell Niche Group. Her lab main research interest is investigating the crosstalk between leukaemic stem cells and the microenvironment in the context of acute myeloid leukaemia (AML).

She obtained her PhD in experimental hematology at the University of Milan Bicocca in 2014. Following her PhD, she moved to the University of Oxford, where she has been working on AML and myelodysplastic syndromes as well as on ageing in hematopoiesis. Before joining the University of Manchester, she was a PI in the Radcliffe Department of Medicine and Kay Kendall Leukaemia Fund Intermediate Research Fellow at the MRC Weatherall Institute of Molecular Medicine, University of Oxford. In 2020 she has been selected by the American Society of Hematology and European Hematology Association as one of the 20 best early-career translational researchers to participate in the prestigious joint 2020 Translational Research Training in Hematology mentoring program.

She is part of the European Hematology Association Specialized Working Groups on Stem Cells, AML and Aging in Hematology, and organiser and chair of different international conferences such as the youngEHA-BSH conference and the EHA-SWG Scientific Meeting on 'From Aging Hematopoietic Stem Cells to Age-related Diseases: Opportunities for Intervention'. She also sits in the EHA "Lighting the Flame: Sparking Interest in Hematology" mentoring program steering committee and in the Blood Cancer UK Fellowships Committee.