



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

# PhD Program in Molecular and Regenerative Medicine

## Molecular and Regenerative Medicine Seminar Series



## Epithelial Stem Cell Plasticity and Memory in Repair and Cancer

Prof. Giacomo Donati, PhD

Friday, October 9th 2026, 2:30 p.m.

Aula U1.3, MO-51, via Campi 103, Modena

*Giacomo Donati is Full Professor at the University of Turin (Dep. of Life Sciences and Systems Biology), where he studies the molecular mechanisms governing epithelial stem-cell plasticity, cellular memory and adaptation, and cell-cell communication during wound healing, tumor initiation, and cancer invasion (@giacomodonatijd.bsky.social ; @GiacomoDonatiJD).*

*He obtained a BSc in Molecular Biology and a PhD in Epigenetics and Molecular Biology from the University of Milan, where he investigated the functional interplay between transcription factors and chromatin. He subsequently joined Fiona Watt's laboratory, first at the Cancer Research UK Cambridge Institute and later at the Centre for Stem Cells and Regenerative Medicine at King's College London, to investigate the roles of epidermal stem cells in tissue repair and cancer. In 2016, he joined the University of Turin, and in November 2017, he established his research group at the Molecular Biotechnology Centre "Guido Tarone".*

*The Donati Lab ([www.donatilab.org](http://www.donatilab.org)) combines in vivo omics approaches - including single-cell RNA sequencing, ATAC-seq, whole-genome bisulfite sequencing, and spatial transcriptomics - with lineage tracing, imaging and pooled genetic screening. Its research focuses on identifying chromatin and RNA regulators that control cell plasticity and establish persistent cellular memories in epithelial tissues.*

For info: [laura.derosa@unimore.it](mailto:laura.derosa@unimore.it); [ruggiero.norfo@unimore.it](mailto:ruggiero.norfo@unimore.it); [elena.enzo@unimore.it](mailto:elena.enzo@unimore.it)