



DeBio
DEPARTMENT OF BIOLOGY



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Dr. Martina Calore
DEPARTMENT OF BIOLOGY
Via Ugo Bassi 58/b, 35131 Padova
tel +39 049 8276227
fax +39 049 8072213
CF 80006480281
P.IVA 00742430283

Our laboratory at the Department of Biology, **University of Padua** (Italy) is seeking a **Postdoctoral Researcher** for a **two-year appointment** to investigate the molecular mechanisms of inherited cardiomyopathies and to evaluate potential therapeutic treatments.

The project involves:

- Characterization of transgenic mouse models through molecular, histological, and functional analyses (ECG, echocardiography, MRI).
- Assessment of experimental treatments using these in vivo models.
- Application of multi-omics approaches (transcriptomics, single-nucleus/cell profiling, proteomics) to uncover early disease mechanisms.

A solid background in molecular biology, in vivo cardiovascular phenotyping, and mouse handling is required.

Experience with omics data analysis is a strong plus, though motivated candidates willing to learn these methods are encouraged to apply.

The position is funded for two years, with remuneration according to the standard University of Padua postdoctoral scale.

Starting period: early 2026.

Anyone interested can send an email to **martina.calore@unipd.it** for further information or to apply (CV, brief cover letter, and contact details of two references).