



Postdoctoral Scientist (up to 4 years)

“Stem Cell & Cardiac Biology | Microscopy | Genomics”

The **Giovanni Armenise-Harvard Laboratory of Heart Engineering & Developmental Genomics** (HEDGE lab), directed by Prof. **Alessandro Bertero** at the **Molecular Biotechnology Center** (MBC) of the **University of Turin** in Italy is actively recruiting through **June 30th, 2023**

Up to **three postdoctoral scientists** wishing to establish their independent lines of research

The projects are generously funded for **up to 4 years** by the **European Research Council Starting Grant “TRANS-3”**, and involve the mechanistic study of 3D chromatin organization and function in human induced pluripotent stem cells (hiPSC) and hiPSC-derived cardiomyocytes, leveraging on genome editing, super-resolution imaging, and genomics.

The projects will be developed starting September 1st 2023, and will offer the possibility of interdisciplinary & international training with collaborators @ **University of Washington, USA**.

You have:

- PhD in stem cell biology, molecular biology, or genomics (or a related field)
- Strong passion for cutting edge technology in basic research with a clear translational potential
- Proactive, collaborative, and positive attitude that aids in overcoming challenging problems

And ideally have:

- > 2 years of experience in hiPSC culture and genome editing
- Strong background in either (1) hiPSC-CM differentiation; (2) live imaging; or (3) 3D chromatin genomics
- Stellar recommendations and/or outstanding publication record

We offer:

- Inclusive, internationally-minded, collaborative, and fun workplace in scenic and culturally vibrant Turin
- Mentoring program tailored to your desired career path
- Competitive salary and benefits, and all the aid needed to establish yourself in a new city/country

Pre-applications and enquiries must reach **alessandro.bertero@unito.it** by June 30th 2023, and must include: (1) a 1-page cover letter outlining your interest; (2) your CV, including a list of publications & pre-prints; (3) contact details for at least 2 referees. Single PDF preferred.

More info on ongoing research and prior publications at: **<https://www.berterolab.com>**