



PhD candidate and/or Postdoctoral Scientist (up to 5 yr) “Genomics of Heart Development”

The Giovanni Armenise-Harvard Laboratory of Heart Engineering & Developmental Genomics (HEDGE lab), directed by Dr. Alessandro Bertero at the Molecular Biotechnology Center (MBC) of the University of Turin in Italy is actively recruiting through **September 1st, 2021**:

An emerging **graduate student** seeking to pursue an international PhD programme and/or

An ambitious **postdoctoral scientist** wishing to establish their independent line of research

Projects are funded for **up to 5 years**, and revolve around the mechanistic study of congenital heart defects (CHD) through the application of human induced pluripotent stem cell (hiPSC) models of cardiac development in 2D and 3D (organoids and engineered tissues), CRISPR/Cas9 genome editing, single cell genomics, and chromatin organization assays.

You have:

- Master (PhD candidate) or PhD (postdoc) in molecular, developmental, or cellular biology (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 (cardiac) differentiation, genome editing, and/or genomics
- Stellar recommendations and/or a promising (PhD candidate) or outstanding (postdoc) 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, possibly involving international experience
- Competitive salary and benefits, and all the aid needed to establish yourself in a new city/country

Applications and enquiries must reach **alessandro.bertero@unito.it** by September 1st 2021, 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>**

