

## **PhD Position**

### **“Innovative pharmacological approaches for targeting the inflammatory-metabolic axis in cardiometabolic diseases”**

Our team at the Department of Drug Science and Technology of the University of Turin (Italy) seeks students to be enrolled into a three-years Ph.D. student program, within the PhD course in Pharmaceutical and Biomolecular Sciences embedded in the PhD School of Natural Sciences and Innovative Technologies (<https://dott-sfb.campusnet.unito.it/do/home.pl>).

The project is designed to identify the key inflammatory pathways involved in the cross-talk mechanisms linking metabolic diseases to cardiovascular disorders and to investigate the potential therapeutic relevance of their pharmacological modulation.

The position, which will entail conducting in vitro cell culture as well as in vivo animal work, is at the interface of molecular and cell biology, pathophysiology, and pharmacology. The applicant will work with individuals from different backgrounds including clinicians, chemists, and biologists. Good English skills are essential.

#### **Fellowship position**

The young fellow should hold a Master Degree in a field related to pharmacology, biochemistry, molecular and cellular biology and physiology. He/she should have the knowledge of basic molecular and biological methodologies (Western blot, rt-PCR, immunohistochemistry, ELISA and colorimetric assays). Previous knowledge and experience in cell culture models and/or animal models would be particularly appreciated. Self-motivation, critical thinking, time management, problem solving and collaborative skills are highly important. The studies will include in vivo approaches as well as detailed ex vivo and in vitro analyses.

The position is funded for the entire three-years Ph.D. student program.

Salary: € 1.132 (Net amount per month)

#### **HOW TO APPLY**

The interested candidate should send an email to

**Massimo Collino** [massimo.collino@unito.it](mailto:massimo.collino@unito.it) including:

- o A cover letter including a summary of your research experience and interests, specifically as it relates to what you might pursue in our group
- o A copy of your CV, including a list of publications
- o Reference letters from your referees

The review of applications will start immediately and we will support candidates throughout the entire application procedure.

The application deadline is April 10, 2019

The start date of the position will be on October 2019.

Application details: <https://en.unito.it/postdegree/phd/pharmaceutical-and-biomolecular-sciences>

How to apply: <https://en.unito.it/research/phd/prospective-phd-students/how-apply-phd-programs>