



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



European
Research
Council



Postdoctoral position

CARDIOVASCULAR METABOLISM

Laboratory of Angiogenesis and Cancer Metabolism
Dept. of Biology, University of Padua, Italy

The laboratory of Prof. Massimo M. Santoro at University of Padua is seeking a post-doctoral fellow to study the **role of metabolism in cardiovascular biology**. Our lab has recently identified a set of novel metabolic pathways that are crucial for the regulation of cardiovascular development and homeostasis (Chen *et al.*, *Cell Reports*, 2017; Santoro, *Cell Metabolism*, 2020; Donadon and Santoro, *Development*, 2021; Camillo *et al.*, *Journal of Cell Biology*, 2021; Facchinello *et al.*, *Nature Metabolism in revision*). Using mouse genetic approaches as well as advanced molecular and metabolic techniques we want to elucidate how metabolism regulate cardiovascular disease, such as ischemia and tumor. Our laboratory has acquired strong experience in the field of metabolism, angiogenesis, genetic, molecular and cellular biology working with cells and animal models. Please visit these website for further information about us: www.massimosantorolab.com and <https://pubmed.ncbi.nlm.nih.gov/?term=massimo+m.+santoro&sort=pubdate>

University of Padua is among the top Italian institutions with over 30 ERC grantees. Our university combine a strong tradition in cell biology with interdisciplinary approaches, and represents an idyllic environment for life science research. Padova is an historical university city, located in the North-East of Italy, near Venice, closed to the Mediterranean sea and the Dolomites enabling a healthy work-life balance.

The **post-doc candidate** must be a highly motivated researcher with a PhD in a relevant discipline as well as having experience in mouse genetic, molecular, and/or cellular biology methods. The applicant must have a good publication record in peer-reviewed international journals (including at least one paper as a first author in top-journal) and must be capable of working in a team as well as independently. Excellent communication skills in spoken and written English are required. We offer a position starting from fall/winter 2021 with competitive salary commensurate to the candidate's experience.

Contact

Please send your CV, letter of motivation, and the contact information of at least two supervisors to Prof. Massimo M. Santoro at massimo.santoro@unipd.it.