



FONDAZIONE  
RICERCA BIOMEDICA  
AVANZATA ONLUS

V.I.M.M.

## **A three-year postdoctoral fellowship in the lab of Dr. Luca Scorrano at the Venetian Institute of Molecular Medicine (VIMM), Padua - Italy**

A 3-year postdoctoral fellowship is available from October 1<sup>st</sup>, 2019 in the lab of Dr. Luca Scorrano at VIMM ([www.vimm.it](http://www.vimm.it)) to study the role of the mitochondria-shaping protein Opa1 in cancer.

The Scorrano lab works on mitochondrial dynamics & interorganellar contact sites, from their basic tenets (e.g. Frezza et al., Cell 2006; Cipolat et al, Cell 2006; Cereghetti et al, PNAS 2008; deBrito&Scorrano, Nature 2008; Gomes et al., Nat Cell Biol 2011; Cogliati et al., Cell 2013; Naon et al., PNAS 2016; Quintana Cabrera et al., Nat. Commun 2018) to their role in disease (e.g. Costa et al., EMBO Mol. Med 2010; Cerqua et al., EMBO Rep 2010; Kasahara et al., Science 2013; Varanita et al, Cell Metab 2015; Pernas et al., Cell Metab 2018).

The successful candidate will be part on an ongoing effort to identify and target features caused by Opa1 overexpression in cancer. The recruited postdoc will use unbiased approaches (RNAseq, proteomics, metabolomics) and screenings to elucidate Opa1 oncogenic signatures in cellular cancer models. In parallel, s/he will use already generated mouse models to understand if and how certain cancers are addicted to Opa1.

We are looking for a highly motivated individual, with outstanding training in molecular and cell biology and biochemistry to join an established, multicultural group of 15 talented colleagues coming from 3 different continents, tackling various basic aspects of mitochondrial dynamics and of interorganellar contact sites. Experience with in vivo cancer models would be considered a plus. We require at least one major first-author original research publication, the ability to drive discovery by working independently, interacting with colleagues with different backgrounds and establishing the relevant collaborations.

We offer state-of-the-art labs and facilities, a thriving environment, an exciting research project and multiple occasions of interaction with world leaders in the fields of mitochondrial pathophysiology for which Padua is known as an international hub. We foster professional growth of postdoctoral associates: out of 19 past fellows, 10 secured independent PI positions in Europe, North America, Japan; other 5 successfully moved to Industry. Padua is a beautiful city with a thriving cultural scene, close to the seaside, Venice and the Dolomites. Salary will follow the U. of Padua postdoctoral fellow salary scale (net: 1500-1800€/month if <4y postdoc experience; 1800-2100 if >4y).

Interested candidates shall email Luca Scorrano ([luca.scorrano@unipd.it](mailto:luca.scorrano@unipd.it)) a cover letter, a CV, and names and emails of two references. Shortlisted candidates will be invited for a two-day on-site interview.