



FONDAZIONE
RICERCA BIOMEDICA
AVANZATA ONLUS
V.I.M.M.



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Three-year postdoctoral fellowship (1 position) in the Molecular Oncology group directed by Prof. Andrea Alimonti at VIMM

A 3-year postdoctoral fellowship is available starting from April 2020 in the Lab of Prof. Andrea Alimonti at VIMM (www.alimontilab.com; <http://www.vimm.it/scientific-board/andrea-alimonti-2/>) to study senescence response and metabolism in prostate cancer and to develop novel effective therapies for castration-resistant prostate cancer patients. The Alimonti Lab works on the development of novel therapies that target the tumor immune response and cancer metabolism. In particular the lab focuses on the role-played by myeloid cells in prostate cancer and on lipid metabolism and treatment resistance (e.g. Di Mitri et al., Nature, 2014; Toso et al, Cell Rep, 2014; Kalathur et al., Nature Comm, 2015; Revandkar et al., Nature Comm, 2016; Calcinotto et al, Nature, 2018, Chen et al., Nature Genetics, 2018; Di Mitri et al., Cell Rep, 2019).

The successful candidate will be part of an ongoing effort to identify and target novel regulators of senescence and lipid metabolism, and to block myeloid cells recruitment and function in cancer. He/she will exploit different approaches (FACS analysis, RNAseq, proteomics, metabolomics, drug screenings) to identify gene pathways that sustain the survival of prostate cancer cells despite treatment. In parallel, he/she will generate novel mouse models to understand prostate tumor development and metabolism.

We are looking for a highly motivated individual with outstanding training in cancer metabolism or basic immunology to join an established, multicultural group of 7 talented scientists coming from different countries. 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 relevant collaborations.

We offer state-of-the-art labs and facilities, a stimulating environment, an exciting research project and multiple occasions of interaction with world leaders in the fields of cell biology, metabolism, cancer research and clinical translation.

The PI fosters professional growth of postdoctoral associates: out of 4 past fellows, 3 secured independent PI positions in Europe and in Switzerland.

Padua is a beautiful city with a thriving cultural scene, close to the seaside, Venice and the Dolomites. Salary will follow the University of Padua postdoctoral fellow salary scale (net: 1800€/month).

Interested candidates shall email Andrea Alimonti PA (nicoletta.delia@vimm.it, reference: AA PADOVA_PostDoc2020) a cover letter, a CV, and names and emails of two references. Shortlisted candidates will be invited for a two-day on-site interview.