

## Postdoctoral position for 2 years

Postdoctoral contract for 2 years available from February 1<sup>st</sup>, 2023 (negotiable) a in the lab of Prof. Simona Polo at IFOM, the AIRC institute of Molecular Oncology, one of the leading cancer research institutes in Italy. We are seeking a highly motivated candidate to join us on a project in collaboration with the Experimental Therapeutics Program at IFOM.

### The Project

We are a highly interdisciplinary, inclusive and supportive team of scientists, committed to work at the frontier of cancer science. Our lab has been studying the molecular machinery that drives ubiquitin modification and its impact on cancer for more than 20 years. We have recently unveiled the mechanism of catalysis and identified selective inhibitors for NEDD4, the prototype member of HECT. This project intends to use NEDD4 as a building block to develop new LYTAC-like drugs and deliver selected membrane proteins to lysosome degradation. Design, synthesis and optimization of small molecules will be done in collaboration with the Experimental Therapeutics Program at IFOM with documented expertise in conducting both industrial and academic-based drug research, <https://www.ifom.eu/en/cancer-research/experimental-therapeutics/>

### Your profile

- PhD or equivalent qualification in biology, chemistry, or a related field of science.
- Proven track record demonstrating the ability to manage competing priorities and to work independently.
- Excellent lab skills including independent troubleshooting and communication skills to present scientific work at internal seminars and at external meetings.
- Ability to interact effectively with other teams and work synergistically to drive projects forward.
- Fluency in English, our working language; knowledge of the Italian language is not required.

### We offer

- A competitive salary, commensurate with skills and working experience (€34,000-42,000).
- An international, interactive environment in which the candidate can broaden her/his horizon, develop new ideas and independence, and grow as a scientist and a professional.
- State-of-the-art research facilities and expert technical support.
- A guesthouse available for free for the first weeks after arrival to Milan.
- A multi-cultural, multi ethnic environment, with sensitivity and respect for diversity.

The application should include a brief personal statement, explaining how your qualifications and experience relate to the role, together with a full, up-to-date CV and at least two reference letters. Review of applications will start immediately.

For formal applications and informal enquiries, please contact: [simona.polo@ifom.eu](mailto:simona.polo@ifom.eu)