



A **3-year postdoctoral fellowship** is immediately available in the Bonaldi Group “*Nuclear Proteomics to Study Gene Expression Regulation in Cancer*”, at the **Department of Experimental Oncology at the European Institute of Oncology (IEO) in Milan**, to develop a project focused on the molecular characterisation of the protein-methyl-proteome by MS approaches and the **assessment of the functional role of protein-methylation in cancer cellular processes**, from DNA damage to integrated stress response

We are looking for an enthusiastic, motivated person, with a proven track record in **biochemistry, proteomics**, or eventually molecular biology. Experience with the statistical and functional analysis of large, quantitative data is highly appreciated. Strong initiative and ability to work independently and drive the project forward are essential.

The post-doctoral fellow will develop his/her research within the framework of a AIRC-funded Investigator Project, where cutting-edge proteomics approaches will be implemented for the **in-depth analysis of the extent and dynamics of the human methyl-proteome**, in response to various external cues and to its pharmacological modulation by epigenetics drugs.

Requirements:

- PhD in one of the following discipline: Biology, Molecular Biology, Biochemistry, Analytical chemistry, Molecular Medicine;
- Strong motivation and research commitment;
- Excellent analytical and organization skill;
- Optimal communication skills, especially in written English;
- Commitment to apply for competitive funding for young scientists

Competitive salaries will depend on the candidate’s track record and experience.

The operating language of the lab is English.

The position is initially for 12 months, with possibility of extension upon to 3 years, upon positive assessment of the first 12-months activity

à

The **European Institute of Oncology** is a highly influential cancer research institute in Europe. The IEO operates as a Comprehensive Cancer Center, linking fundamental and applied research to clinical activities, patient care and clinical trials. The department of Experimental Oncology (DEO) is currently composed of ~300 scientists working in 17 independent research groups and units. Various cutting-edge Technology Units support the activity of the research groups. DEO is located within a scientific campus, together with two other partner institutions: the FIRC Institute of Molecular Oncology (IFOM) and the Italian Institute of Technology (IIT). The IEO is one of the 13 members of the **EU-LIFE alliance** to promote excellence in life sciences in Europe. The TB group is member of the **EPIC-XS** European consortium, promoting development and accessibility of excellence proteomics science in Europe and participate to the **Alliance Against Cancer (ACC)** network.

IEO is an equal opportunity employer committed to excellence through diversity.

Applicants should contact Dr. Tiziana Bonaldi, sending an e-mail with a cover letter/description of interests and a CV at: tiziana.bonaldi@ieo.it.

Submission deadline: 28 February 2021

<https://www.ieo.it/en/RESEARCH/People/Researchers/Bonaldi-Tiziana/>