



Milano, January 20th 2021

POSTDOCTORAL POSITION AT DIPARTIMENTO DI BIOSCIENZE, UNIVERSITÀ DEGLI STUDI DI MILANO.

A postdoctoral position is available at the Dipartimento di Bioscienze, Università degli Studi di Milano, in the laboratory of Genome Instability and Human Pathologies. The position will be initially funded for one year, with the possibility to extend it. The gross yearly salary will be 25.000€.

The laboratory investigates the mechanisms related to DNA repair and DNA replication stress and their relationships with cancer and other pathologies, exploiting both budding yeast and human cell lines. The [group](#) has been developing several research lines including how nucleases modulate the DNA damage checkpoint response, how translesion synthesis DNA polymerases impact DNA repair in dividing and post-mitotic cells ([Sertic S, et al. *Mol Cell*. 2018](#)), how R-loops and G-quadruplexes impact on the maintenance of genome integrity in normal and in cancer cells (manuscript in revision), how RNaseH2 impacts on genome stability and on the innate immune response ([Nava GM et al, *Int J Mol Sci*. 2020](#); [Meroni A, et al. *Nucleic Acids Res*. 2019](#); [Meroni A, et al *Biophys J*. 2017](#); [Pizzi S, et al. *Hum Mol Genet*. 2015](#))

The research group is very active, well funded and strongly collaborative both at the national and international level.

The Dipartimento di Bioscienze is a stimulating multicultural environment, with numerous young group leaders and an international atmosphere. The Department was recently awarded a Department of Excellence grant, which allowed to implement the facilities and resources with the latest technologies. Various internal platforms are available to all departmental members and provide technical services and assistance. The Department hosts a cryoEM setup and is a member of several university UNITECH facilities that provide full access to state of the art imaging and OMICS approaches.

Candidates should have a Ph.D., experience in human cell culture and a solid background in molecular and cellular biology, and possibly cancer biology. A proven record of creative research achievements and a strong interest in DNA replication/repair and genome maintenance is expected.

Candidates will have opportunities to acquire and develop new skills, work closely with the PI and collaborators, and communicate results to the scientific community through conference presentations and peer-reviewed publications while working in a supportive, highly collaborative and energetic environment.

Interested parties should email, by February 28th 2021, a cover letter describing your current and previous research experience, a motivational letter, CV and contact information of three references to:

Prof. Marco Muzi Falconi Ph.D., marco.muzifalconi@unimi.it Dipartimento di Bioscienze, Università degli Studi di Milano, Milano, Italy.