

A postgraduate, **predoctoral**, fellowship is available at the Genome Stability group at the Department of Environment and Health of the Istituto Superiore di Sanità in Rome.

The project will aim to identify pathological mechanisms acting at perturbed replication forks and will involve the functional characterization of cancer-related mutations in replication caretaker genes such as RAD52 (PMID: 30926821; PMID: 32050645). The project will use cell biology approaches combined with molecular biology and biochemistry in human cell models and in tumour samples. The fellowship is for one year and subjected to yearly renewal for a maximum of three years. Ideally, it may be followed by a 3-year PhD fellowship at the end of the first year. The starting date is February 2021 at the latest.

The ideal candidate is a highly motivated young graduate with < 3 year after obtaining the MSc degree, who is very passionate with science and research, interested in basic mechanisms that are linked to pathology of human diseases and cancer. Proven expertise in human cell culture, immunofluorescence and basic biochemistry is needed.

To apply for, please send an email to: pietro.pichierri@iss.it **no later than October 15th**, including: a complete CV and a one-page motivation letter. Please include at least one email address of a potential referee for recommendation letter, ideally the past thesis supervisor or instructor. Do not send recommendation letters with your application.

Candidates will be shortlisted by the CV for an interview.

To have further details on our research project, publications and have details on our group, please visit the group website:

<https://sites.google.com/site/issgenomestabilitygroup/>

OR:

<https://www.researchgate.net/profile/Pietro-Pichierri>