



Post-Doc positions in cell biology

Two post-doc positions are available at the Genome Stability group at the Department of Environment and Health of the Istituto Superiore di Sanità in Rome to work on the functions of WRN helicase in response to replication stress (www.genomestabilitygroup.com).

Project n.1 will characterize the role of WRN in the replication stress response triggered by infection by HPV to identify novel roles of this pathway during HPV cancerogenesis. Starting date for post-doc #1 is March 2024;

Project n.2 will investigate on the synthetic lethal relationship between ATR-dependent WRN function and defective repair in colon cancer or breast cancer models. Starting data for post-doc #2 is September 2024 at the latest.

Both projects will use biochemical and cell biology approaches in human cell models and in vitro.

Both research contracts are for one year and, after evaluation, can be extended for additional two-years. Further extension might be possible depending on funding. Contracts include pension, health insurance and starting net salary is ~ 1700 euros.

Ideal candidates are highly motivated PhD with ~ 3 year of seniority interested in basic mechanisms that are linked to pathology of human diseases and cancer. Proven expertise in human cell culture, molecular cell biology techniques and basic biochemistry is needed. **Please, keep in mind that, to be eligible, candidates with non-Italian degrees can apply but need to obtain, in advance, an equivalence certificate for their degrees from an Italian University.**

To apply for, please send an email to: [pietro.pichierri\(at\)iss.it](mailto:pietro.pichierri(at)iss.it), including: a complete CV and a one-page motivation letter. Please include email addresses of two potential referees for recommendation letters, one from the past PhD thesis supervisor.

Candidates will be shortlisted by the CV for an interview.