



OLLSCOIL NA GAILLIMHĒ
UNIVERSITY OF GALWAY



HR EXCELLENCE IN RESEARCH

Postdoctoral Researcher – DNA replication and Genome stability

Centre for Chromosome Biology

School of Biological and Chemical Sciences

Ref. No. 010824

JOB ADVERTISEMENT

Applications are invited from suitably qualified candidates for a full time, fixed term position as a Postdoctoral Researcher within the laboratory of Prof. Corrado Santocanale in the [Centre for Chromosome Biology](#) at the University of Galway, Ireland.

This position is funded by Research Ireland / Science Foundation Ireland (SFI) and is immediately available for three years.

We study the mechanisms that regulate genome replication in human cells. We apply modern techniques of molecular and cellular biology as well chemical biology and genomics approaches to reveal how human cells duplicate their DNA and to understand cellular responses when this process is perturbed by either intrinsic or extrinsic factors.

By exploiting chemo-genetic interactions, the projects will focus on the identification and molecular characterization of genes and proteins which render cells vulnerable to CDC7 kinase inhibition.

More information on our research and team can be found at www.santocanalelab.net and www.chromosome.ie/groups/santocanale/.

Salary: Postdoctoral Researcher salary scale €44,846 - €57,332 per annum, and pro rata for shorter and/or part-time contracts.

The default position for all new public sector appointments is the 1st point of the salary scale. This may be reviewed, and consideration afforded to appointment at a higher point on the payscale (subject to the project's funding limitations), where evidence of prior years' equivalent experience is accepted in determining placement on the scale above point 1, subject to the maximum of the scale.

[\(Research Salary Scales - University of Galway\)](#)

Closing date for receipt of applications is 17:00 (Irish Time) on 24th January 2025 It will not be possible to consider applications received after the closing date.

***Please review full job description for further details and essential requirement**

JOB DESCRIPTION



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Job Description:

The successful candidate will perform research to dissect molecular mechanisms of DNA replication and cell division, using biochemical, genetic and functional genomics approaches.

Duties:

- Conduct research independently under the supervision of the Principal Investigator and collaboratively with local and international collaborators
- Co-supervision of postgraduate and undergraduate students
- Keep up to date with and development of research related methods and techniques
- Contribution to the management of research resources, including laboratories equipment and reagents
- Drafting of manuscripts
- Any other duties assigned commensurate to this level of post

ELIGIBILITY REQUIREMENTS

Essential Requirements:

- PhD in biochemistry, molecular and cellular biology, genetics or closely related discipline. Candidates that have submitted their thesis and awaiting viva prior to start date can be considered
- Strong background in molecular biology, cell biology and protein analysis techniques
- Good knowledge of cell cycle regulation, DNA replication, DNA repair, cell-cycle checkpoints
- Computer skills including Microsoft office package and bioinformatic tools
- Track-record of peer-reviewed publications in the field
- Ability to work and think independently
- Excellent organizational skills

Desirable Requirements:

- Demonstrable expertise in either genomics, bioinformatics or proteomics
- Specific expertise with DNA replication assays
- Excellent writing and oral communication skills
- High levels of initiative

CONTINUING PROFESSIONAL DEVELOPMENT

Continuing Professional Development/Training:

Researchers at University of Galway are encouraged to avail of a range of training and development opportunities designed to support their personal career development plans. University of Galway provides continuing professional development supports for all researchers seeking to build their own career pathways either within or beyond academia. Researchers are encouraged to engage with our Researcher Development Centre (RDC) upon commencing employment - see [HERE](#) for further information.

Further Information/Links



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- **To apply:** [Search Current University of Galway vacancies](#). Applications must be submitted online.
 - [How to apply guide](#)
- For informal enquiries interested candidates are invited to contact Prof. Corrado Santocanale, School of Biological and Chemical Sciences, Email corrado.santocanale@universityofgalway.ie
- [University's Strategic Plan](#)
- [Working in Research at University of Galway](#)
- [Moving to Ireland \(Euraxess\)](#)
- [Applicant Information](#)
- We reserve the right to re-advertise or extend the closing date for this post.
- University of Galway is an equal opportunities employer.
- All positions are recruited in line with Open, Transparent, Merit (OTM) and Competency based recruitment.
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