

## Research Assistant Position in the Ryan Lab – Trinity College Dublin

The Ryan Lab at Trinity College Dublin (TCD) is seeking applicants for the position of Research Assistant (Lab Manager). The research group, led by Dr. Tomás Ryan, focuses on investigating the fundamental neurobiology of memory engram formation and function. The group is integrative in approach, combining experimental techniques such as optogenetics, engram labelling technology, mouse transgenics, molecular biology, electrophysiology, calcium imaging, and behavioral experimentation.

The Research Assistant will be responsible for supporting diverse research projects within the group. This will involve working with the Principal Investigator in the day to day running of the lab with technical and administrative responsibilities. Specific roles will include management of transgenic mouse colonies, genotyping oversight, management and maintenance of equipment, aiding in the establishment of new equipment (in collaboration with other researchers), and assisting with the development of experimental protocols. Administrative responsibilities will include purchasing of equipment, scheduling of team meetings and related activities, budget organization support, and the management of regulatory documents. The Research Assistant will be involved in various research projects to generate discrete datasets for publications or as preliminary data for grant applications. It is expected that the successful candidate will be acknowledged as a scientific author on research manuscripts.

Applicants should have (or expect to complete by June 2021) at least a bachelor's degree in a relevant area, e.g. neuroscience, genetics, biochemistry, immunology, molecular biology, or any related discipline. Experience in project management, animal work, and administration would be a major advantage. Candidates must have excellent communication skills and be able to work with postdoctoral researchers and graduate students on a daily basis. A great deal of flexibility will be expected from the successful candidate in order to help run an effective and constantly evolving research environment.

The successful applicant will join an inter-disciplinary and dynamic research team aimed at generating novel and progressive insights into the neuroscience of memory. The position is tenable for 2 years, subject to a probationary period. Active mentorship will be provided should the individual intend to apply for a PhD and pursue a research career following the conclusion of this position. To this end, the successful candidate will be supported to attend international conferences with the rest of the research team.

TCD is Ireland's top ranked University and a member of the League of European Research Universities (LERU). The Ryan lab is located at Trinity Biomedical Sciences Institute (TBSI), which has excellent facilities for mouse transgenics, histology, microscopy, and behavioral experiments, adjacent to the Trinity College Institute of Neuroscience (TCIN). Further information can be found at [ryan-lab.org](http://ryan-lab.org).

The Ryan Lab is funded by the European Research Council, Science Foundation Ireland, the Canadian Institute for Advanced Research, the Jacobs Foundation (Switzerland), and the Lister Institute of Preventative Medicine (UK).

Applications including a cover letter, CV, and contact details for at least two referees should be made to [tomas.ryan@tcd.ie](mailto:tomas.ryan@tcd.ie). Applications will be considered until **June 21<sup>st</sup> 2021**, with a starting date in July 2021. Informal discussions prior to applications are very welcome.



The University of Dublin



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