Molecular & Cellular Therapeutics

ROYAL COLLEGE OF SURGEONS IN IRELAND

Two PhD studentships are available, each relating to the pathobiology of schizophrenia. The appointees will join an active research group and our collaborative network to conduct behavioural and cellular studies on mice mutant for genes associated with risk for schizophrenia, under an SFI Principal Investigator award. Molecular genetic tools are now available to examine how genes interact with environmental factors to disrupt normal brain development and behaviour. The objective of the present research program is the phenotypic resolution of gene-environment and gene-gene interplay in mice containing mutations of schizophrenia risk genes. A multidisciplinary approach will employ behavioural, imaging and cellular techniques to elucidate gene × environment and gene × gene relationships in the context of putative schizophrenia endophenotypes.

Applicants should have or expect to attain a first or upper second class honours degree or a suitable postgraduate qualification in a subject related to neuroscience and should demonstrate an interest in research related to schizophrenia. The studentship includes an annual stipend based on IRCSET rates together with tuition fees.

Interested candidates should send a CV, with a summary of research interests and the names and contact details of three referees, to Prof. John Waddington (jwadding@rcsi.ie), Molecular & Cellular Therapeutics, Royal College of Surgeons in Ireland, St. Stephen's Green, Dublin 2, from whom further details can be obtained.

MCT
MOLECULAR & CELLULAR THERAPEUTICS

CONSILIO ET LABORIBUS

sfi
science foundation ireland
fondúireacht eolaíochta éireann