

Curriculum Vitae

Personal information **Gavin McGauran**

Work experience

1. Employer: HPRA
 - Start date: 062021
 - End date:
 - Position: Pharmaceutical Assessor
 - Activities: Pharmaceutical assessor specialising in the quality assessment of biological medicinal products.
 - Country: Ireland
2. Employer: National Institute for bioprocessing Research and Training
 - Start date: 042019
 - End date: 112021
 - Position: Postdoctoral Researcher
 - Activities: Protein engineering, expression and characterisation
 - Country: Ireland
3. Employer: Systems Biology Ireland (SBI) & Fujitsu
 - Start date: 082018
 - End date: 042019
 - Position: Postdoctoral Researcher
 - Activities: Molecular biology
 - Country: Ireland
4. Employer: Food for Health Ireland
 - Start date: 022018
 - End date: 082018
 - Position: Research Officer
 - Activities: Molecular biology
 - Country: Ireland

Education and training

1. Subject: University College Dublin
 - Start date: 092013
 - End date: 012018
 - Qualification: Doctor of Philosophy
 - Organisation: Recombinant protein engineering and characterisation
 - Country: Ireland
2. Subject: University College Dublin
 - Start date: 092008
 - End date: 092012
 - Qualification: B.Sc. (Hons.) in Pharmacology
 - Organisation: Pharmacokinetics, Pharmacodynamics, Chemistry, Genetics & Biochemistry
 - Country: Ireland

Additional information

Publications

Accurate prediction of kinase_substrate networks using knowledge graphs. Nováček, V., McGauran, G., Matallanas, D., Vallejo Blanco, A., Conca, P., Muñoz, E., Costabello, L., Kanakaraj, K., Nawaz, Z., Walsh, B. and Mohamed, S.K.. 2020. PLoS computational biology. 16(12), p.e1007578. Single Step Purification of Glycogen Synthase Kinase Isoforms from Small Scale Transient Expression in HEK293 Cells with a Calcium_Dependent Fragment Complementation System. McGauran, G., Linse, S. and O'Connell, D.J., 2020. In Animal Cell Biotechnology (pp. 385_396). Humana, New York, NY. Resolving the Interactome of the Human Macrophage Immunometabolism Regulator (MACIR) with Enhanced Membrane Protein Preparation and Affinity Proteomics. McGauran, G., Dorris, E., Borza, R., Morgan, N., Shields, D.C., Matallanas, D., Wilson, A.G. and O'Connell, D.J., 2020. Proteomics, 20(19_20), p.2000062. Simplifying G protein_coupled receptor isolation with a calcium_dependent fragment complementation affinity system. Ní Mhurchú, N., Zoubak, L., McGauran, G., Linse, S., Yeliseev, A., O'Connell, D.J. 2018. ACS Biochemistry, 57(30), pp.4383_4390. Direct High Affinity Interaction between Aβ42 and GSK3α Stimulates Hyperphosphorylation of Tau. A New Molecular Link in Alzheimer's Disease? Dunning, C. J., McGauran, G., Willén, K., Gouras, G. K., O'Connell, D. J. & Linse, S. 2015. ACS chemical neuroscience, 7, 161_170.

Projects

Memberships

Other Relevant Information