

Dr Lisa Lione is a Senior Lecturer in Neuropharmacology at UH in the School of life and Medical sciences having gained her PhD at the University of Bristol in 1997. Lisa is a fellow of the HEA, a member of the ethical review committee and holds a Home Office project licence managing basic research on diabetes mechanisms and treatments. Lisa has secured QR and HHSRI research enrichment grant funding and recently managed a consultancy study with the CRO Transpharmation (TP) Ltd. This collaborative research has led to a joint QR/TP Ltd funded collaborative PhD studentship application (£50K investment from TP Ltd) to validate a new transcriptomic approach to identify biomarkers of neuropathic pain and improve responder rates to analgesia in diabetes.

Prior to joining UH in 2008 Lisa was employed in industry for over 10 years in drug discovery research at Parke Davis, GSK and co-founded a private held biotechnological company, Cambridge Biotechnology Ltd (now part of Proximagen). In industry Lisa directed in vivo neuroscience research and provided decision making data to deliver a candidate molecule into preclinical development for diabetic neuropathy (now in phase II) along with securing further funding from venture capital investors.

Lisa is author/co-author of 18 full scientific papers, reviews, books chapters and patents across a range of neurobiological subjects. The basic theme of Lisa's research is to improve the predictive validity of models of disease focusing on translatable markers and naturalistic behaviours, and to investigate mechanisms underlying functional changes in diabetes and ketamine /novel psychoactive substance induced bladder toxicity. The latter project is a PhD project in collaboration with Department of Pharmacy (Prof Schifano, Dr Fergus, and Dr Stair) and St George's Hospital (Dr Colin Davidson). Lisa's collaborative research focus is developing at UH by combining her specialised in vivo skills with industry experience in drug discovery and translational science.



Motto: The important thing is not to stop questioning.

