

Curriculum Vitae

Personal information **Ruchika Sharma**

Work experience

1. Employer: Health Products Regulatory Authority
 - Start date: 072022
 - End date:
 - Position: Vigilance Assessment Manager
 - Activities: Pharmacovigilance and risk management
 - Country: Ireland
2. Employer: Health Products Regulatory Authority
 - Start date: 102012
 - End date: 072020
 - Position: Vigilance Assessor
 - Activities: Assessment of PSURs, RMPs and risk minimisation tools; signal detection activities.
 - Country: Ireland
3. Employer: Columbia University, Dept. Of Physiology and Cellular Biophysics, New York, USA.
 - Start date: 102011
 - End date: 072012
 - Position: Fulbright Research Scholar
 - Activities: Postdoctoral research; Grant writing activities
 - Country: United States

Education and training

1. Subject: School of Pharmacy and Pharmaceutical Sciences/Institute of Molecular Medicine, Trinity College Dublin, Dublin 2, Ireland.
 - Start date: 012007
 - End date: 092010
 - Qualification: PhD
 - Organisation: Medicinal Chemistry; Cellular Biology.
 - Country: Ireland
2. Subject: School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin
 - Start date: 102001
 - End date: 062005
 - Qualification: B.Sc (Pharm)
 - Organisation:
 - Country: Ireland
3. Subject: London School of Hygiene and Tropical Medicine
 - Start date: 102016
 - End date: 062020
 - Qualification: Postgraduate Diploma (Clinical Trials)
 - Organisation: Clinical Trials and Epidemiology
 - Country: United Kingdom

Additional information

Publications

1) Sharma R., Majer F., Peta V., Wang J., Keaveney R., Kelleher D., Long A., Gilmer J.F. Bile acid toxicity SAR: Correlations between cell viability and chromatographic lipophilicity in a panel of new and known bile acids. *Bioorganic Medicinal Chemistry*. 2010, 18, 6886–6895. PMID: 20713311. 2) Sharma R., Prichard D., Majer F., Byrne A.M., Kelleher D., Long A., Gilmer J.F. Ursodeoxycholic acid amides as novel glucocorticoid receptor modulators. Corresponding Author. *Journal of Medicinal Chemistry*. 2010, 54, (1), 122–130. PMID: 21158453. 3) Sharma R., Long A., Gilmer J.F. Advances in Bile Acid Medicinal Chemistry. Review. *Current Medicinal Chemistry*. 2011, 18 (26), 4029–52. PMID: 21824088. 4) Zhou X, Levin EJ, Pan Y, McCoy JG, Sharma R, Kloss B, Bruni R, Quick M, Zhou M. Structural basis of the alternating access mechanism in a bile acid transporter. *Nature*. 2014, 505 (7484): 569–73. PMID: 24317697 5) Sharma R, Quilty F, Gilmer JF, Long A, Byrne AM. Unconjugated secondary bile acids activate the unfolded protein response and induce golgi fragmentation via a src_kinase_dependant mechanism. *Oncotarget*. 2017 Jan 3;8(1):967–978

Projects

Memberships

Membership of the Pharmaceutical Society of Ireland

Other Relevant Information

Awards • Awarded EMBARK postgraduate research scholarship by Irish Research Council for Science, Engineering and Technology (2006). • Trinity Gold Medal for B.Sc (Pharm) degree examination • Paul Higgins memorial prize for highest score in pharmaceutical chemistry in B.Sc (Pharm) degree examination (2005). • University of Dublin scholarship for academic excellence (2003).