Dr Raj Badhan

Lecturer in Pharmacokinetics at Aston University

Birmingham, , GB

Dr Badhan's interest is in applying clinical pharmacokinetics to challenging pre-clinical scenarios and clinical patient groups scenarios.

Biography

Dr Raj Badhan joined Aston University in June 2010 as Lecturer in Pharmacokinetics following over 3 years of extensive pharmacokinetics training with the world-renowned Centre for Applied Pharmacokinetics Research as a post-doctorate research associate, within the School of Pharmacy at the University of Manchester. Raj has a broad background and interest in applying the principles of clinical pharmacokinetics to challenging pre-clinical and clinical scenarios in the context of medicines optimisation. As a pharmacokineticist and practicing pharmacist, he has a singular vision of developing tools and approaches which provide clear end-user/clinical benefits. This approach has driven successes in developing research tools to predict oral drug absorption and central nervous system drug biodistribution in addition to medicines optimisation for a range of disease conditions (e.g. mental health, tropical diseases, cardiovascular disease, drug abuse) and patient groups (paediatrics, geriatrics and pregnancy).

Areas of Expertise

Pharmacokinetics, Population Pharmacokinetics, Modelling, Mental Health, Paediatrics, Pregnancy, Medicines Optimisation, Opioid Abuse

Affiliations

Royal Pharmaceutical Society of Great Britain, International Society for the Study of Xenobiotics, Academy of Pharmaceutical Sciences Great Britain (APSGB), United Kindgom and Ireland Controlled Release Society (UKICRS)

Education

University of Manchester
PhD Pharmacology, Molecular Biology and Pharmacokinetics

University of Manchester
MPharm Pharmacy