

## **Dermatopharmacokinetics as a tool to characterize and predict the performance of spray formulations**

Are you interested in drug delivery and a future career in the pharmaceutical industry? This research project will investigate the use of *in vivo* and *in vitro* tools to characterize the performance of spray-based transdermal drug delivery systems. The three year project will involve formulation of drugs into spray systems and subsequent characterization of the formulations including dermato-pharmacokinetics, drug release and skin permeation studies. The project, funded by MEDPHARM, will be develop in collaboration with industrial scientists, and will include some placement time at the sponsors' research establishment.

We seek to appoint a highly motivated PhD student who has obtained or expects to obtain a good first degree in pharmacy, toxicology, pharmacology, chemistry or related discipline. Studies will be supervised by Dr Begoña Delgado-Charro. This student-ship is funded by MEDPHARM. Funding will be offered for three years at the standard level including Home Student fees and personal support. The successful candidate must start by October 2014 at the latest.

Informal enquiries may be addressed to Dr Delgado-Charro; Email: B.Delgado-Charro@bath.ac.uk

Applicants should submit a detailed CV including academic and the names and addresses of three referees, by email to [prsbd@bath.ac.uk](mailto:prsbd@bath.ac.uk) or in writing to Dr M.B. Delgado-Charro, Department of Pharmacy and Pharmacology, University of Bath, Claverton Down, Bath, BA2 7AY. Shortlisted candidates will be required to provide authenticated documentation of education and English language ability.

Closing date: 1<sup>st</sup> August 2014