



**Dr Alison Paul**

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*Interdisciplinary research in colloid science and drug-delivery.*

Following a PhD (Bristol, 2001) designing novel surfactants for use with supercritical fluids I undertook post-doctoral positions in Bristol, Cardiff, and at the Royal Institute of Technology (KTH) in Stockholm, working on various surfactant, polymer and colloidal systems, with an emphasis on physicochemical characterisation techniques. After a year based in the Welsh School of Pharmacy as Senior Research Fellow and Project

Manager of an EPSRC Platform Grant in Nanomedicines, I was appointed to the academic staff of the School of Chemistry in 2006, where I now run the Cardiff Soft Matter Research Group.

Small-angle scattering have underpins a large proportion of our research into drug delivery systems. We focus primarily on understanding the physical chemistry that underpins the therapeutic activity. To this end we work with a wide range of scientists in chemistry and other disciplines, from engineers, physicists and materials scientists to pharmacists, biologists and clinicians. A recent development has been in the exploration of computational methods for the study of soft matter in solution, and the interrelation with physical characterisation by SANS.