

Associate Professor Andrew P. Dove, University of Warwick

Dr Andrew P. Dove is currently an Associate Professor of Chemistry at the University of Warwick. Dr Dove performed his Ph.D. studies at Imperial College London, under the supervision of Prof. Vernon C. Gibson F.R.S. His experience was subsequently extended by postdoctoral positions at Stanford University and IBM, both in the USA. In 2005 Dr Dove returned to the UK as an RCUK Academic Fellow before being promoted to Assistant Professor of Chemistry in 2006 and then subsequently Associate Professor in 2009. The Dove group is primarily focussed on the design, synthesis and application of novel biodegradable polymers for applications as varied as sustainable packaging and tissue engineering. Research in the group encompasses the development of new catalytic methods for polymer synthesis, application of renewable resources in polymer synthesis, development of facile synthetic routes to multi-functional degradable polymers, control of polymer self-assembly for novel drug-delivery vectors and application of hydrogels and 3-dimensionally controlled materials in regenerative medicine. Dr Dove was awarded the Macro Group UK Young Researcher Medal in 2009 and is currently on the editorial advisory board of RSC Biomaterials Science and an Associate Editor of the journal 'Green Materials'.