

Dr Ross Denton



Ross is an Associate Professor of Organic Chemistry based in the GlaxoSmithKline Carbon Neutral Laboratory in the School of Chemistry. Ross began his research career here at Nottingham, carrying out his PhD studies with Professor Jim Anderson. Following completion of his doctoral research he moved to the Scripps Research Institute in California as a postdoctoral fellow in the group of Professor K.C. Nicolaou. Returning to the UK he carried out a further postdoctoral fellowship with Professor Steven Ley, CBE, FRS at the University of Cambridge. He returned to Nottingham in 2008 as a Lecturer in Organic Chemistry and was promoted to Associate Professor in 2016.

Ross' research group (dentonchemistry.com) is focussed in the area of synthetic organic chemistry, with particular interest in organophosphorus and organosilicon chemistry. Major research themes include development of catalytic phosphorus(V)-mediated reactions (especially for OH activation), development of reductive amination reactions using carboxylic acids as electrophiles and target synthesis of polychlorinated and polyphenolic natural products.