

Dr Bruce Turnbull

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He gained his BSc and PhD in Chemistry from the University of St Andrews in Scotland. He then held a Wellcome Trust Research Fellowship at UCLA and University of Leeds where he was subsequently a Royal Society University Research Fellow (2005-2013) and is now Associate Professor in the School of Chemistry and Astbury Centre for Structural Molecular Biology. In addition to isothermal titration calorimetry, his research interests include the chemical and enzymatic synthesis of carbohydrates and modified proteins and their application in synthetic biology. He led an EU COST network on "Multivalent Glycosystems for Nanoscience" from 2011-15 and currently coordinates an ERASynBio network on Synthetic Glycobiology. He was awarded the 2013 Royal Society of Chemistry Carbohydrate Award for his studies on the synthesis of sugars and their interactions with bacterial toxins.