



Anne Dell is Professor of Carbohydrate Biochemistry at Imperial College London. She is distinguished for her major contributions to carbohydrate biochemistry and chemistry, having pioneered the development of combined microchemical and mass spectrometric procedures for the identification of novel carbohydrate structures of biological and medical importance. She has applied these procedures in her research on bacterial, plant and mammalian polysaccharides, glycolipids and glycoproteins, and has thus made a significant contribution to current

understanding of the functions of glycopolymers, playing a leading role in several international consortia.

Professor Dell is Head of Imperial's GlycoTRIC Centre (which she established) – its mission being to facilitate interaction between researchers in glycobiology and those positioned to apply this knowledge to the understanding of health and disease. She has considerable interdisciplinary expertise spanning the physical, biological and biomedical sciences and will be able to provide a uniquely effective contribution to Academy discussions.

Professor Dell has previously served as a member of Council of the Royal Society; the national Physical Laboratory RS/RAE Advisory Committee and the BBSRC Council and Audit Committee. She has chaired the Royal Society Mercer Committee since 2009 and is the current Vice-Chair of the Biochemical Society. Professor Dell is also on the External Advisory Committee to the NIH Glycoscience Program of Excellence at Johns Hopkins Medical School. Serving for 30 years as Company Secretary and Consultant for M-Scan, an independent company dedicated to the provision of training and analytical services in mass spectrometric technology (which went on to become part of SGS, the world's leading inspection, verification, testing and certification company) has provided valuable experience of engagement with industry. Professor Dell was elected to the Academy Fellowship in 2008.