









BELGIUM























The EUChemSoc Societies have taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the European Journal of Inorganic Chemistry and the European Journal of Organic Chemistry. Three further EUChemSoc Societies (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows the artificial molecular recognition of cellobiose in an aqueous environment. The complex depicted forms from an organo-peptidic receptor composed of a bicyclic peptide containing a naphthalene bridge and the disaccharide cellobiose. The complex was analyzed by 2D NMR spectroscopy, and the changes in the chemical shift observed upon receptor titration (shown for 1-H of the naphthalene ring) with cellobiose is in agreement with the structure of the complex. The largest shifts were observed for those receptor protons in immediate contact with the saccharide. The formation of the complex measured by ESI-MS at increasing collision energies is shown in the stacked plot inset and can be performed as a high throughput screening (HTS) of carbohydrate-receptor interaction. Details are discussed in the article by M. Meldal et al. on p. 5003ff.

