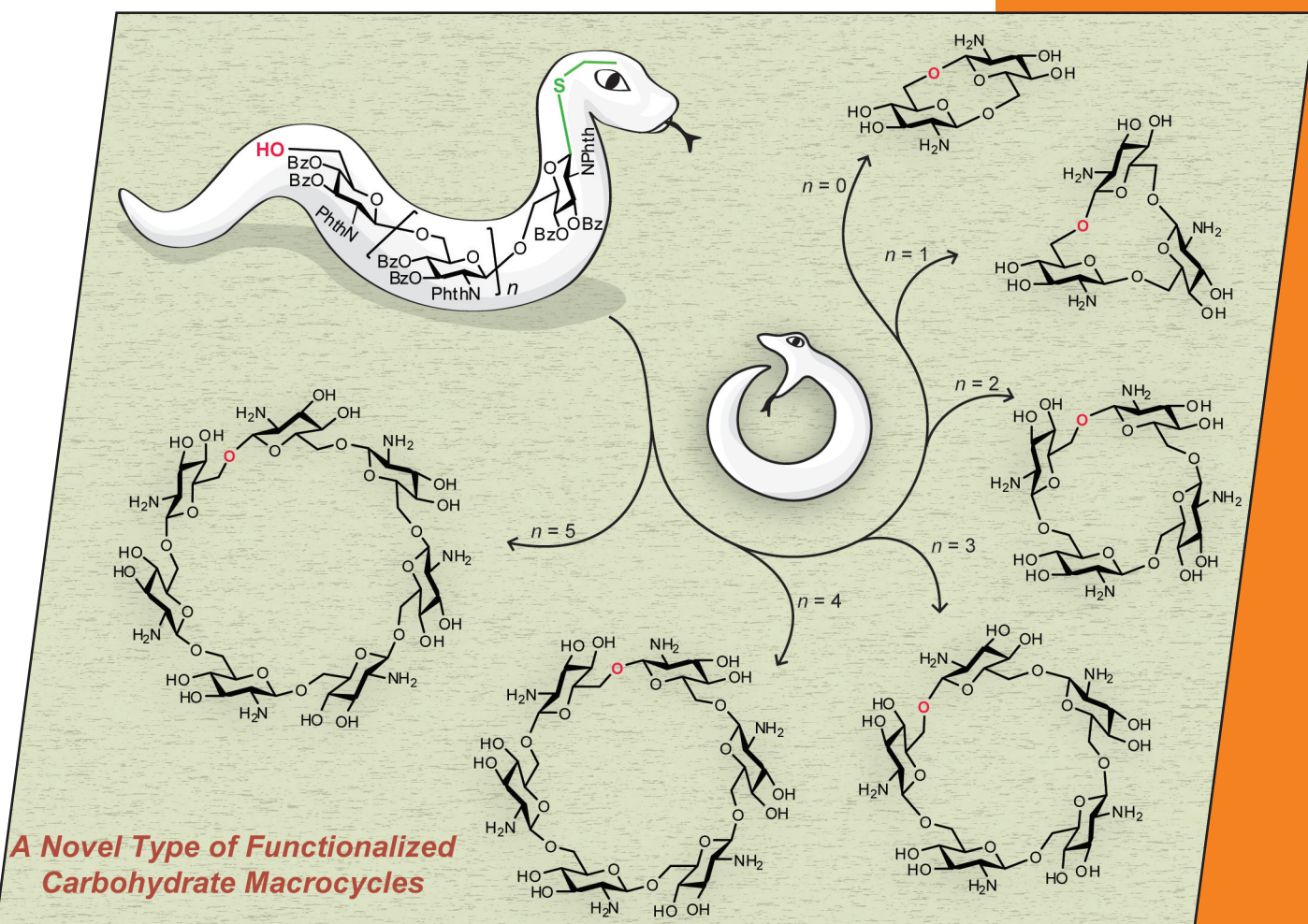


13/2010
1st May Issue

EurJOC
European Journal of
Organic Chemistry



Cover Picture

Nikolay E. Nifantiev et al.

Studies of Cyclic Oligo-(1→6)-β-D-Glucosamines

Microreview

Leonard J. Prins et al.

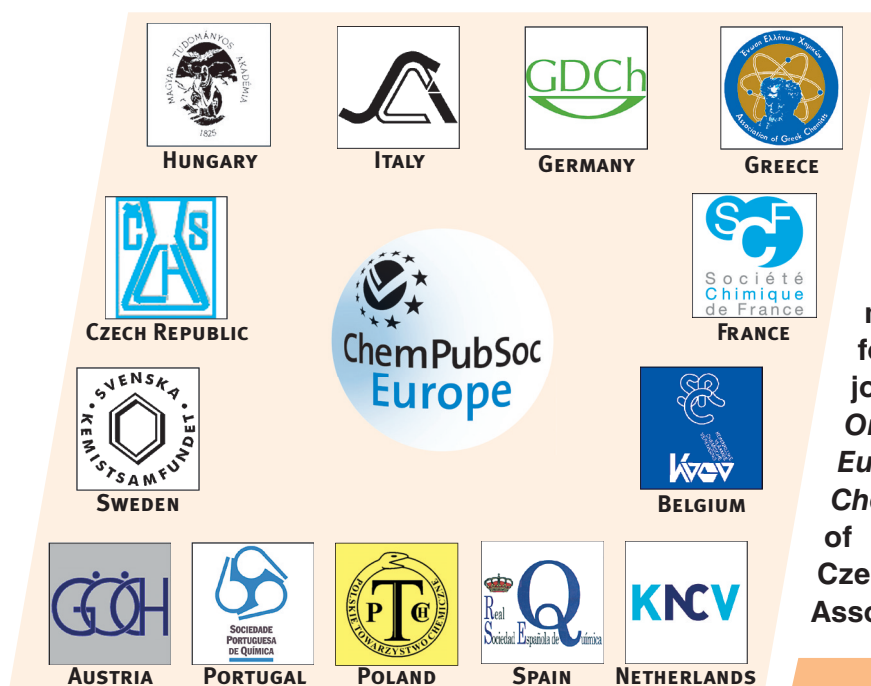
Dynamic Approaches towards Catalyst Discovery

A Journal of



WILEY-VCH

www.eurjoc.org



EurJOC is co-owned by 11 societies of ChemPubSoc Europe, a union of European chemical societies for the purpose of publishing high-quality science. All owners merged their national journals to form two leading chemistry journals, the *European Journal of Organic Chemistry* and the *European Journal of Inorganic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

Other ChemPubSoc Europe journals are *Chemistry – A European Journal*, *ChemBioChem*, *ChemPhysChem*, *ChemMedChem*, *ChemSusChem* and *ChemCatChem*.

COVER PICTURE

The cover picture shows the synthesis of a novel type of functionalized cyclic oligosaccharides by unusually efficient *head-to-tail* intramolecular glycosylation of corresponding monohydroxy ethylthio glycosides derived from oligo-(1→6)-β-D-glucosamines. Detailed NMR and conformational investigations show that the carbohydrate macrocycles obtained may be regarded as convenient scaffolds for the design of conjugates with defined valency, symmetry and flexibility. The absence of a distinct hydrophobic cavity prevents the possibility of the formation of inclusion complexes as in cyclodextrins. Details are discussed in the article by N. E. Nifantiev et al. on p. 2465 ff.

