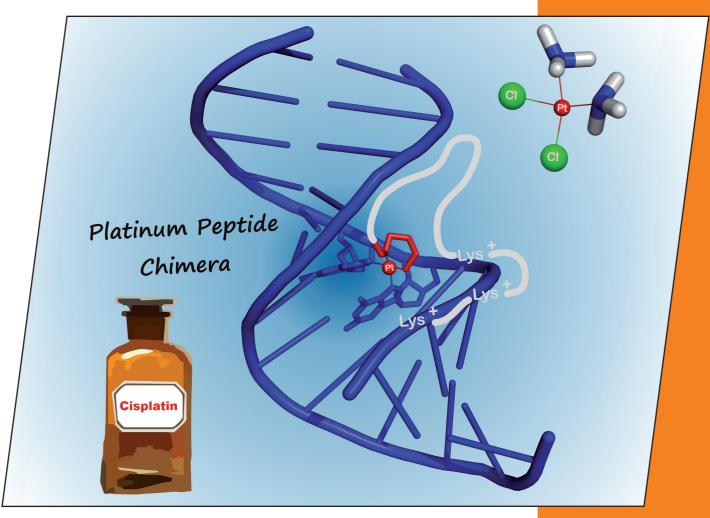


32/2010 2nd November Issue



Cover Picture

Ulf Diederichsen et al.

Synthesis and DNA Interaction of Platinum Complex/Peptide Chimera

Microreview

J. Cristóbal López, Joaquín Plumet et al. Metathesis Reactions of Carbohydrates

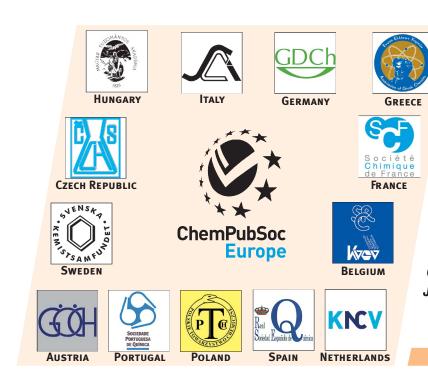


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Other ChemPubSoc Europe journals are Chemistry – A European Journal, ChemBioChem, ChemPhysChem, ChemMedChem, ChemSusChem and ChemCatChem.

COVER PICTURE

The cover picture shows the covalent DNA binding of cisplatin-like complexes. These molecules were designed as hybrids between the platinum coordination site and positively charged peptides, which involves the covalent binding of one or two nucleobases by cisplatin-analogous platinum complexes and the bending of double-stranded DNA initiated by the peptide chain. An optimization of cisplatin-like anticancer drugs is intended. Binding of cisplatin analogs is facilitated by simultaneous DNA bending. Details are discussed in the article by U. Diederichsen et al. on p. 6161ff.

