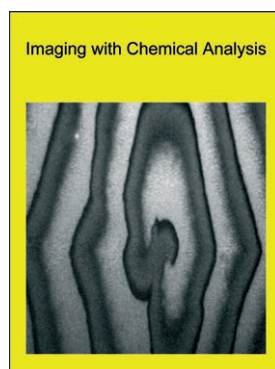
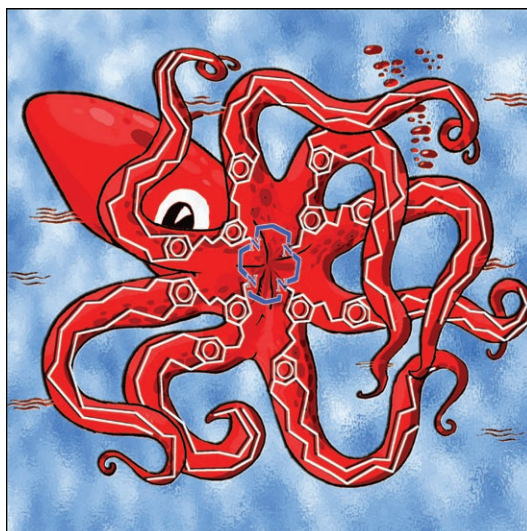


A most important feature...

... of dendrimer chemistry is the possibility to insert selected chemical units in predetermined sites of the dendritic structure. In their Full Paper on page 8926 ff., P. Ceroni, F. Vögtle et al. discuss how it is possible to design and construct dendrimers that can perform complex functions that derive from the integration of the specific properties of the constituent moieties. The cover picture was created by Fausto Puntoriero.



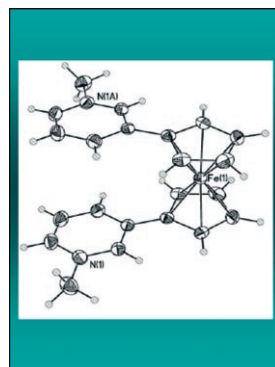
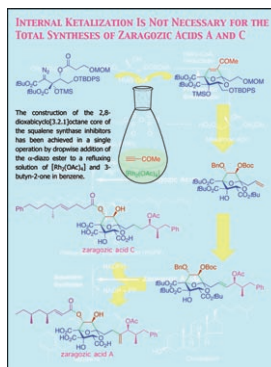
Imaging with Chemical Analysis

Chemical Imaging

In their Concept article on page 8890 ff., M. Kiskinova and A. Locatelli discuss the recent development of surface sensitive imaging methods with structural and chemical analysis and their application in the investigation and identification of microstructures developed as a result of “self-organization” processes during surface chemical reactions.

Natural Product Synthesis

In their Full Paper on page 8898 ff., S. Hashimoto et al. describe the stereocontrolled total syntheses of zaragozic acids A and C. These represent the first total syntheses of zaragozic acids that do not involve internal ketalization in constructing the 2,8-dioxabicyclo[3.2.1]octane core structure.



Rotary Motion

In their Full Paper on page 8935 ff., B. Bosnich et al. investigate what might be regarded as drivers (engines) for potential molecular motors and machines. For this purpose they have elaborated the ferrocene molecule and have exploited the rotation of the cyclopentadienyl (Cp) rings for induced rotary motion.

 GERMANY	 NETHERLANDS
 BELGIUM	 ITALY
 FRANCE	 SPAIN
 PORTUGAL	 GREECE
 CZECH REPUBLIC	 POLAND
 SWEDEN	 HUNGARY
 AUSTRIA	 EU ChemSoc

Chemistry—A European Journal is jointly owned by the 14 Chemical Societies shown above and published by Wiley-VCH. This group of Societies has banded together as the Editorial Union of Chemical Societies (EU ChemSoc) for its combined publishing activities.