

## Highlights

### Carbonic Anhydrase

T. Hofmann and A. Dunkel

Carbonic Anhydrase IV Mediates the Fizz of Carbonated Beverages

### Natural Product Synthesis

K. Gademann and H. J. Jessen

Total Synthesis of the Marine Alkaloid Palau'amine

## Minireviews

### Organosilicon Chemistry

S. E. Denmark and J. H.-C. Liu

Silicon-Based Cross-Coupling Reactions in the Total Synthesis of Natural Products

## Reviews

### Coiled Coils

A. Kros and H. Robson Marsden

Self-Assembly of Coiled Coils in Synthetic Biology: Inspiration and Progress

## Communications

### Cisplatin

T. Carell et al.

Crystal Structure of a Cisplatin–(1,3-GTG) Cross-Link within DNA Polymerase  $\eta$  (Cover Picture)

### Analytical Methods

H. Chen et al.

Sensitive Detection of Native Proteins Using Extractive Electrospray Ionization Mass Spectrometry

### Electrochemistry

A. M. Nowicka, F. Scholz et al.

Selective Knockout of Gold Active Sites

### Ring Opening Reactions

K. Suzuki et al.

Hexaradialenes by Successive Ring Openings of Tris(alkoxy-tricyclobutenes): Synthesis and Characterization

### Stereocontrolled Glycosylation

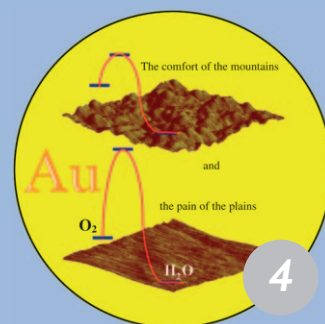
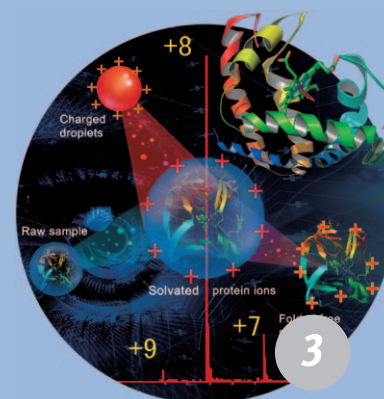
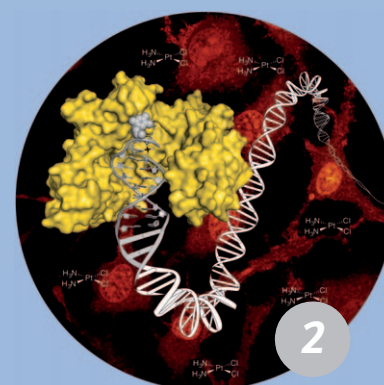
D. Crich and C. Navuluri

Stereoselective Synthesis of  $\alpha$ -Keto-deoxy-D-glycero-D-galacto-nonulosonic Acid Glycosides by Means of the 4,5-O-Carbonate Protecting Group

### Synthetic Methods

S. J. Connon et al.

Tunable Bromomagnesium Thiolate Tishchenko Reaction Catalysts: Intermolecular Aldehyde–Trifluoromethylketone Coupling



Issue 17/2010 will be  
published on April 12, 2010.