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## Emerging Area:

Synthesis of technomimetic molecules: towards rotation control in single molecular machines and motors

Gwenael Rapenne, France

## Perspective:

Bacterial death comes full circle: targeting plasmid replication in drug-resistant bacteria

Paul Hergenrother, USA

## Communications:

Synthesis and crystal structure of a salen-type copper(II) complex derived from 3',5'-O-dimethyl-2',3'-diamino-2',3'-dideoxy-beta-D-xylo-uridine

Michael Gottschaldt, Germany

A multipolymer system for organocatalytic alcohol oxidation

Patrick Toy, Hong Kong

## Articles:

Novel carbamate derivatives of 4-beta-amino-4'-O-demethyl-4-deoxypodophyllotoxin as inhibitors of topoisomerase II: synthesis and biological evaluation

Daniel Dauzonne, France

A chemoenzymatic total synthesis of the undecenolide (-)-cladospolide B via a mid-stage ring-closing metathesis and a late stage photo-earrangement of the E-isomer

Martin Banwell, Australia

Chiral oxime ethers in asymmetric synthesis. Part 7. O-(1-phenylbutyl)benzyloxyacetaldoxime, a versatile reagent for the asymmetric synthesis of protected 1,2-aminoalcohols,  $\alpha$ -amino acid derivatives, and 2-hydroxymethyl-nitrogen heterocycles including iminosugars

Christopher Moody, UK

Locked TASC probes for homogeneous sensing of nucleic acids and imaging of fixed *E. coli* cells

Yasuhiro Aoyama, Japan

Advanced approaches for the characterization of a de novo designed antiparallel coiled coil peptide

Beate Koksch, Germany

Synthesis of 5'-methylene-*l*eristeromycin and its 2-fluoro derivative with potent antimalarial activity due to inhibition of the parasite S-adenosylhomocysteine hydrolase

Satoshi Shuto, Japan

An improved solid-phase methodology for the synthesis of putative hexa- and heptapeptide intermediates in vancomycin biosynthesis

John Robinson, Switzerland