

## Prize for Coordination Chemistry from the SCF to S. Bellemin-Lapponnaz

The Coordination Chemistry Section of the Société Chimique de France has awarded Stéphane Bellemin-Lapponnaz (Université de Strasbourg) with their section prize. He is thus honored for his work on asymmetric catalysis, in particular highly symmetric multidentate chiral trisoxazolines, the modular synthesis of functionalized N-heterocyclic carbenes, their application as catalysts for the hydrosilylation of ketones, and kinetic resolution on polymer surfaces. Bellemin-Lapponnaz recently reported in *Chemistry—A European Journal* on “catalysis in a teabag” with immobilized bis- and tris(oxazoline)copper complexes<sup>[1a]</sup> and in *Angewandte Chemie* on the synthesis of metal silylenes by a double activation of Si–H bonds.<sup>[1b]</sup>

Bellemin-Lapponnaz studied at the Université J. Fourier (Grenoble) and the Université L. Pasteur (Strasbourg), where he completed his doctorate in 1998 under J. A. Osborn. He then worked as a postdoctoral fellow with G. C. Fu at the Massachusetts Institute of Technology. In 2000 he was a member of L. Gade's group (Université de Strasbourg, currently University of Heidelberg) at the CNRS. Shortly after his habilitation in 2004, he was awarded a Bronze Medal by the CNRS.

### Awarded...



S. Bellemin-Lapponnaz



J. Jiménez-Barbero



F. Caruso

## Whistler Award for J. Jiménez-Barbero

The International Carbohydrate Organization has awarded Jesús Jiménez-Barbero (Centro de Investigaciones Biológicas, CSIC, Madrid) with their Roy L. Whistler Award 2010 for his work on in vitro recognition of oligosaccharides by receptors, and in particular by lectines, such as ricine, hevine, and galectine. His group investigates the conformations and dynamics of molecular recognition processes using molecular modeling and NMR spectroscopy. He recently reported in *Chemistry—A European Journal* on the geometrical peculiarities of  $\beta$ -O-GlcNAc glycosylation<sup>[2a]</sup> and in the *European Journal of Organic Chemistry* on the inclusion of arenes in cyclodextrins as model systems for the interactions between carbohydrates and arenes.<sup>[2b]</sup> He is a member of the Editorial Boards of both journals. In 2002, together with T. Peters, he edited the book “NMR Spectroscopy of Glycoconjugates”.

Jiménez-Barbero completed his doctorate in 1987 under M. Bernabé and M. Martín-Lomas. He then carried out postdoctoral research at the University of Zurich with W. von Philipsborn, and at the National Institute for Medical Research in Mill Hill (UK) with J. Feeney. In 1988 he took up a position at the Institute for Organic Chemistry at

the CSIC in Madrid; between 1990 and 1992 he completed a further postdoctoral stay with A. A. Bothner-By and M. Llinás at Carnegie Mellon University in Pittsburgh (USA). Returning to Spain, he was made research professor at the Institute for Biological Research (CIB-CSIC) in 2002.

## F. Caruso Made a Fellow of the Australian Academy of Sciences

Frank Caruso (University of Melbourne) has been elected as a Fellow of the Australian Academy of Sciences. He carries out research on biomaterials, colloidal systems for drug transport, proteins and polymers at interfaces, nanoengineering of colloid particles, the structure of inorganic materials and organic–inorganic hybrid materials, and thin nanocomposite films. He recently reported in *Angewandte Chemie* on a microreactor with thousands of compartments consisting of liposomes within polymer capsules,<sup>[3a]</sup> and in *Advanced Functional Materials* (for which he is a member of the Advisory Board) on liquid-crystal emulsions as a basis for biological sensors to optically detect bacteria and viruses.<sup>[3b]</sup>

Caruso studied physical chemistry at the University of Melbourne and completed his doctorate there under F. Grieser, P. Thistlethwaite, and N. Furlong. Between 1994 and 1996 he was a postdoctoral fellow at the CSIRO, Division of Chemicals and Polymers, and thereafter as a Humboldt fellow at the Max Planck Institute for Colloids and Interfaces (initially Berlin-Adlershof, then Golm), where he was made a group leader in 1999. In 2002, he took up a post at the University of Melbourne, and at the same time he was made Director of the Centre for Nanoscience and Nanotechnology (CNST).

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- [2] a) A. Fernández-Tejada, F. Corzana, J. H. Busto, G. Jiménez-Osés, J. Jiménez-Barbero, A. Avenoza, J. M. Peregrina, *Chem. Eur. J.* **2009**, *15*, 7297; b) J. P. Ribeiro, S. Bacchi, G. Dell'Anna, M. Morando, F. J. Cañada, F. Cozzi, J. Jiménez-Barbero, *Eur. J. Org. Chem.* **2008**, 5891.
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