

Israel Prize for David Milstein

The Israel Prize is the highest honor of the State of Israel and is awarded to citizens or organizations who have made outstanding accomplishments in their fields, or major contributions to Israeli culture. David Milstein (The Weizmann Institute of Science) is the recipient of the 2012 Israel Prize in chemistry and physics. Milstein studied at the Hebrew University of Jerusalem, and was awarded his PhD (with Jochanan Blum) in 1976. From 1977–1978, he was a postdoctoral fellow with John K. Stille at Colorado State University and the University of Iowa, and from 1979–1986, he worked in the Central Research and Development Department at DuPont Co. (Wilmington, USA). In 1992, he joined The Weizmann Institute of Science, where he is currently Israel Matz Professorial Chair of Organic Chemistry and Head of The Kimmel Center for Molecular Design. Milstein's research interests are in the development of new activation modes of strong bonds by metal complexes for the design of new catalytic reactions and synthetic methodology. He has reported in *Angewandte Chemie* on the catalytic hydrogenation of urea derivatives,^[1a] and on catalysis with ruthenium pincer complexes.^[1b] Milstein is on the Editorial Board of *Chemistry—A European Journal* and the International Advisory Board of *ChemCatChem*.

Merck–Banyu Lectureship Award for Ryo Shintani

Ryo Shintani (Kyoto University) is the 2011 recipient of the Merck–Banyu Lectureship Award, which is given annually by Merck and the Banyu Life Science Foundation International to raise the international profile of a Japanese scientist by promoting interactions with major universities and research centers in the USA. A special issue of the *Chemical Record* was recently published featuring account articles written by the first seven awardees.^[2a] Shintani received his PhD in 2003 from the Massachusetts Institute of Technology under the direction of Gregory C. Fu. In the same year, he was appointed assistant professor at the Graduate School of Science, Kyoto University. Shintani's research is focused on the development of transition-metal-catalyzed organic reactions with control of absolute and relative stereochemistry, and he was recognized for his work in designing and

utilizing organic reagents for palladium-catalyzed stereoselective intermolecular addition/cyclization reactions. He has reported in *Angewandte Chemie* on 1,4-addition of organoboronates to alkylidene cyanoacetates,^[2b] and on asymmetric allylic substitution reactions.^[2c]

And also in the News ...

... **Helmut Schwarz** (Technische Universität Berlin) was elected to the European Academy of Sciences, which is an organization that aims to promote fundamental research and excellence in science and technology. He will soon be rewarded the Lichtenberg Medal by the Göttingen Academy of Sciences. Schwarz's career and other achievements were recently featured in this section.^[3]

... **Stefan Hell** (Max Planck Institute for Biophysical Chemistry in Göttingen and the German Cancer Research Center in Heidelberg) was awarded the 2011 Meyenburg Prize for developing a new form of light microscopy. Hell was also recently highlighted in the News section.^[4]

... **Petra Schülle** (Max Planck Institute for Biochemistry, Martinsried) received the 2011 Braunschweig Research Prize for her achievements in the field of biomedicine, in particular the development of two-photon cross-correlation spectroscopy. Schülle was recently introduced in this section when she joined the Editorial Board of *Angewandte Chemie*.^[5]

- [1] a) E. Balaraman, Y. Ben-David, D. Milstein, *Angew. Chem.* **2011**, 123, 11906; *Angew. Chem. Int. Ed.* **2011**, 50, 11702; b) B. Gnanaprakasam, E. Balaraman, Y. Ben-David, D. Milstein, *Angew. Chem.* **2011**, 123, 12448; *Angew. Chem. Int. Ed.* **2011**, 51, 12240.
- [2] a) *Chem. Rec.* **2011**, 11, 219–304; b) K. Takatsu, R. Shintani, T. Hayashi, *Angew. Chem.* **2011**, 123, 5662; *Angew. Chem. Int. Ed.* **2011**, 50, 5548; c) R. Shintani, K. Takatsu, M. Takeda, T. Hayashi, *Angew. Chem.* **2011**, 123, 8815; *Angew. Chem. Int. Ed.* **2011**, 51, 8656.
- [3] a) *Angew. Chem.* **2011**, 123, 2013; *Angew. Chem. Int. Ed.* **2011**, 50, 1971; b) *Angew. Chem.* **2011**, 123, 12341; *Angew. Chem. Int. Ed.* **2011**, 50, 12137.
- [4] *Angew. Chem.* **2011**, 123, 2013; *Angew. Chem. Int. Ed.* **2011**, 50, 3599.
- [5] *Angew. Chem.* **2011**, 123, 36; *Angew. Chem. Int. Ed.* **2012**, 51, 36.

DOI: 10.1002/anie.201201631

Awarded ...



D. Milstein



R. Shintani



H. Schwarz



S. Hell



P. Schülle