

New Members of the Royal Irish Academy

The Royal Irish Academy, which was established in 1785 and is the most prestigious learned institution in Ireland, elected 21 new members in 2013. We congratulate all the new members and feature two of them here.

Patrick J. Guiry (University College Dublin) studied at University College Dublin and completed his doctorate there in 1990 under the supervision of Dervilla Donnelly. He carried out postdoctoral research with John M. Brown at the University of Oxford (1990–1993), and subsequently joined the faculty at University College Dublin, where he is currently Head of the School of Chemistry and Chemical Biology and Director of the Centre for Synthesis and Chemical Biology. Guiry and his research group develop new catalysts and synthetic methods to prepare biologically interesting compounds, particularly those with anti-inflammatory properties. He has reported in *ChemMedChem* on lipoxin analogues,^[1a] in the *European Journal of Organic Chemistry* on oxazoline ligands.^[1b]

Christopher Hardacre (Queen's University, Belfast) studied at the University of Cambridge, where he was awarded his PhD in 1994 for work supervised by Richard Lambert. After a research fellowship at Cambridge, he moved to Queen's University, Belfast in 1995, and is currently Professor of Physical Chemistry and Head of the School of Chemistry and Chemical Engineering. Hardacre's research is focused on the areas of liquid- and gas-phase heterogeneous catalysis, and the application and fundamental understanding of ionic liquids for chemical processing. He has reported in *Angewandte Chemie* on gold-based catalysts,^[2a] and in *ChemCatChem* on catalysts containing manganese oxide and platinum.^[2b]

Honorary Doctorate for Gautam R. Desiraju

Gautam R. Desiraju (Indian Institute of Science, Bangalore) has been awarded an honorary doctorate by the National University of Córdoba, Argentina. The honor was presented at the opening ceremony of the First Latin American Crystallography Meeting that was part of the university's 400th anniversary celebrations. Desiraju studied at St. Xavier's College, Bombay, and the University of Illinois at Urbana-Champaign, and was awarded his PhD from the latter institution in 1976 for work supervised by David Y. Curtin and Iain C. Paul. After periods as a research scientist at Eastman Kodak, Rochester (1976–1978), and as a research fellow at the Indian Institute of Science (1978–1979), he joined the University of Hyderabad in

1979, where he remained for 30 years, and spent a year (1988–1989) as visiting scientist at DuPont, Wilmington. He was made professor at the Indian Institute of Science in 2009. Desiraju's research interests are in crystal engineering, hydrogen bonding, and structural chemistry. His most recent contributions to *Angewandte Chemie* include an Essay in the 125th Jubilee Issue on chemistry in India,^[3a] and a Minireview on nanoindentation in crystal engineering.^[3b] Desiraju is on the International Advisory Board of *Angewandte Chemie* and was on the International Advisory Board of *Chemistry—An Asian Journal* from 2006–2011. He is President of the International Union of Crystallography, and his Editorial to mark the International Year of Crystallography is published in this issue.^[3c]

RUSNANOPRIZE for Omid Farokhzad and Robert S. Langer

The RUSNANOPRIZE was founded by RUS-NANO and the Russian Fund for Infrastructure and Educational Programs and has been awarded annually since 2009 for “scientific and technological developments or inventions in the sphere of nanotechnology introduced in mass production with an annual volume over US\$10 million” in one of four areas. The winners of the 2013 prize were Omid Farokhzad (Harvard Medical School; HMS) and Robert S. Langer (Massachusetts Institute of Technology; MIT) for their work on “the development and industrialization of nanoparticle technologies for medical applications” that has been commercially applied by the company BIND Therapeutics.

Omid Farokhzad studied at Boston University School of Medicine, and carried out postgraduate clinical training at the Brigham and Women's Hospital (BWH) at the HMS, and postdoctoral work with Robert S. Langer at MIT. He is currently associate professor at HMS and Director of the Laboratory of Nanomedicine and Biomaterials at BWH. Farokhzad's research is focused on nanoparticle-based drug delivery systems. He has reported in *Angewandte Chemie* on gold nanoparticles for cancer thermo-chemotherapy.^[4]

Robert S. Langer was featured here when he won the Priestley Medal.^[5a] He was also the recipient, together with **George M. Whitesides** (Harvard University),^[5b] of the 2013 Industrial Research Institute Medal. Both Langer and Whitesides are on the International Advisory Board of *Angewandte Chemie*, and Whitesides is also on the advisory boards of *Chemistry—An Asian Journal* and *ChemSusChem*.

Featured ...



P. J. Guiry



C. Hardacre



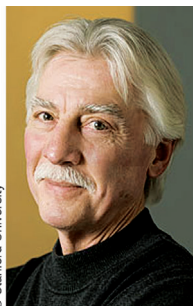
G. R. Desiraju



O. Farokhzad



R. S. Langer



P. Wender



V. Balzani



J.-M. Lehn

Prelog Medal and Lectureship for Paul Wender

The Prelog Medal and Lectureship were established in 1986 and are awarded by the Laboratory of Organic Chemistry at the ETH Zurich to honor Vladimir Prelog. Paul Wender (Stanford University) was the recipient of the 2013 Prelog Medal and Lectureship. Wender studied at Wilkes College and carried out his PhD (awarded in 1973) with Frederick E. Ziegler at Yale University. After post-doctoral work at Columbia University, he joined the faculty at Harvard University in 1974, and was made Francis W. Bergstrom Chair in Chemistry at Stanford University in 1982. Wender's research interests include the synthesis of biologically and medicinally significant compounds, organometallic chemistry, drugs delivery, and molecular imaging. He has reported in *Angewandte Chemie* on rhodium dinaphthocyclooctatetraene complexes.^[6]

Nature Award for Mentoring in Science for Vincenzo Balzani

Vincenzo Balzani (Università di Bologna) was the recipient of the 2013 *Nature* Award for Mentoring in Science (lifetime achievement) jointly with Giorgio Parisi (Sapienza—Università di Roma) for “mentoring and inspiring a generation of young scientists”. Balzani studied at the Università di Bologna, where he received his laurea degree (supervised by Vittorio Carassiti) in 1960, and has spend most of his career. Balzani's research interests include photochemistry, photophysics, molecular devices and machines, solar energy conversion, and future energy resources. His recently published books include *Powering Planet Earth, Energy Solutions for the Future*,^[7a] and his latest book *Photochemistry and Photophysics: Concepts, Research, Applications* is currently in press.^[7b] Balzani is on the honorary or advisory boards of *Chemistry—A European Journal*, *ChemPhysChem*, and *ChemSusChem*.

And also in the News

Jean-Marie Lehn (Université de Strasbourg and Collège de France) has been awarded the 2013 Eucor Medal. Lehn was featured here when he won the Sir Derek Barton Gold Medal,^[8a] and has reported in *Angewandte Chemie* on photo- and thermoresponsive supramolecular assemblies.^[8b]

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- [4] Z. Xiao, C. Ji, J. Shi, E. M. Pridgen, J. Frieder, J. Wu, O. C. Farokhzad, *Angew. Chem.* **2012**, *124*, 12023; *Angew. Chem. Int. Ed.* **2012**, *51*, 11853.
- [5] a) *Angew. Chem.* **2011**, *123*, 9705; *Angew. Chem. Int. Ed.* **2011**, *51*, 9533; b) *Angew. Chem.* **2013**, *125*, 517; *Angew. Chem. Int. Ed.* **2013**, *52*, 497.
- [6] P. A. Wender, A. B. Lesser, L. E. Sirois, *Angew. Chem.* **2012**, *124*, 2790; *Angew. Chem. Int. Ed.* **2012**, *51*, 2736.
- [7] a) N. Armaroli, V. Balzani, N. Serpone, *Powering Planet Earth, Energy Solutions for the Future*, Wiley-VCH, Weinheim, **2013**; b) V. Balzani, P. Ceroni, A. Juris, *Photochemistry and Photophysics: Concepts, Research, Applications*, Wiley-VCH, Weinheim, **2014**.
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