

Real Sociedad Española de Química Prizes 2012

The Real Sociedad Española de Química (RSEQ; Spanish Royal Society of Chemistry) has recently honored several chemists. We congratulate all the recipients and feature a selection of them here.

Nazario Martín (Universidad Complutense de Madrid; UCM) has been awarded the “Premio a la Investigación y Medalla” (Research Award and Gold Medal). Martín, who was also honored with the “Premio de Investigación Jaime I”, was recently featured in this section when he was announced as EUChE Lecturer.^[1]

The Bruker Prize in Physical Chemistry was awarded to **Josep Maria Poblet** (Universitat Rovira i Virgili de Tarragona). Poblet studied at the Universidad de Barcelona and obtained his PhD (awarded in 1983) under the supervision of Enric Canadell. He carried out postdoctoral research with Marc Bénard at the Université Louis Pasteur, Strasbourg in 1984. He joined the Universidad Rovira i Virgili in 1986 and was made Professor of Physical Chemistry in 2001 and Director of the Physical and Inorganic Chemistry Department in 2011. Poblet's research is centered on theoretical inorganic chemistry, with particular interest in the molecular modeling of molecular metal oxides (or polyoxometalates), endohedral metallofullerenes, and other carbon nanoforms. He has reported in *Chemistry—A European Journal* on polyoxopalladates.^[2]

Eduardo Peris (Universidad Jaume I de Castellón) received the Bruker Prize in Inorganic Chemistry. Peris studied at the Universidad de Valencia, where he received his PhD in 1991 for work supervised by Pascual Lahuerta. From 1994–1995, he was a postdoctoral researcher with Robert Crabtree at Yale University, and in 1995, he started his independent career at the Universidad Jaume I. Peris' current research interests are in the design of new polytopic rigid N-heterocyclic carbene ligands that can be applied to the preparation of catalysts and advanced materials. He has reported in *Angewandte Chemie* on the reactivity of imidazolylidene pyridylidene ligands in transition-metal complexes.^[3]

Pablo Ballester (Institut Català d'Investigació Química; ICIQ) was honored with the Janssen Cilag Prize in Organic Chemistry. Ballester studied at the Universidad de las Islas Baleares (UIB), where he completed his PhD in 1986. He worked as a postdoctoral fellow with Julius Rebek, Jr. (University of Pittsburgh and Massachusetts Institute of Technology) and J. M. Saá (UIB). In 1990, he joined the UIB and in 2003, he was awarded an ICREA Research Professorship and moved to the ICIQ. Ballester's research interests include the self-assembly of molecular capsules, synthesis of

mechanically interlocked molecules, supramolecular approaches to catalysis, molecular receptors, and metalloporphyrins. He has reported in *Angewandte Chemie* on catalytic hydrogenation in a self-folding cavitand.^[4]

The Analytical Chemistry Prize was awarded to **José Manuel Pingarrón** (UCM). Pingarrón received his PhD (supervised by Pedro Sánchez Batanero) from the UCM in 1981. From 1982–1983, he carried out postdoctoral research with Bernard Trémillon and Jacques Devynck at the École Nationale Supérieure de Paris. He was made full professor at the UCM in 1994. Pingarrón's research is centered on analytical electrochemistry and include biosensors and immunosensors. He has reported in *Angewandte Chemie* on magneto-switchable bioelectrocatalysis.^[5] Pingarrón is Associate Editor of *Electroanalysis*.

The Sigma Aldrich Emerging Investigators Awards are presented for outstanding work by researchers not less than 36 years old. The winners of the 2012 awards are Elisa Barea, Emilio J. Cocinero, María del Carmen Giménez López, and Silvia Ortega Gutiérrez.

Elisa Barea (Universidad de Granada) studied at the Universidad de Granada and carried out her PhD (awarded in 2004) under the supervision of J. A. R. Navarro and J. M. Salas. From 2006–2008, she was a postdoctoral researcher at the Università degli Studi di Milano, and in 2008 she rejoined the Universidad de Granada as a Ramón y Cajal Scholar. She was made professor there in 2011. Her research involves the applications of metal-organic frameworks. She has reported in *Chemistry—A European Journal* on a soft copper(II) porous coordination polymer.^[6]

Emilio J. Cocinero (Universidad del País Vasco) completed his PhD in 2005 at the Universidad de Valladolid under the supervision of Alberto Lesarri and José L. Alonso. In 2006, he moved to Oxford University where he carried out postdoctoral work with John P. Simons, and in 2009, he joined the Universidad del País Vasco as a Ramón y Cajal Scholar. His research is focused on solving various structural problems of chemistry at the molecular level, in particular the study of biomolecules, including sugars, peptides, and drugs, generated and stabilized in the gas phase. His work on ribose in the gas phase was featured on a cover of *Angewandte Chemie*.^[7]

María del Carmen Giménez López (University of Nottingham) was awarded her PhD (supervised by Eugenio Coronado and Francisco Romero at the Universidad de Valencia) in 2006. She subsequently joined the University of Nottingham as a research fellow in the research groups of Neil Champness and Andrei Khlobystov. She was awarded a Dorothy Hodgkin Research Fellowship in 2011. Giménez López's research interests are in

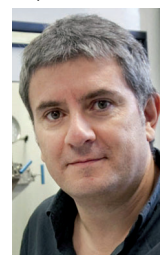
Awarded ...



N. Martín



J. M. Poblet



E. Peris



P. Ballester



J. M. Pingarrón



E. Barea



E. J. Cocinero



M. del C. G. López



S. O. Gutiérrez



A. Fürstner



M. Armand



S. Álvarez

the development of materials for spintronics. She has reported in *Small* on the controlled arrangement of gold nanoparticles in graphitized carbon nanofibers.^[8]

Silvia Ortega Gutiérrez (UCM) obtained her PhD (supervised by María Luz López-Rodríguez) from the UCM. She was subsequently awarded a Fulbright Fellowship to work with Benjamin F. Cravatt at The Scripps Research Institute, La Jolla, and was made a Ramón y Cajal Scholar at the UCM in 2008. Ortega Gutiérrez and her research group are interested in medicinal chemistry and chemical biology, in particular the endogenous cannabinoid system, the validation of new targets in cancer, and the development of chemical probes for the study of G-protein-coupled receptors. She has reported in *Angewandte Chemie* on chemical probes for the recognition of cannabinoid receptors.^[9]

The Spanish–German Elhúyar–Goldschmidt Prize was awarded to **Alois Fürstner** (Max Planck Institute for Coal Research, Mülheim an der Ruhr). Fürstner was featured in this section when he joined the Editorial Board of *Angewandte Chemie* and when he won the Prelog Medal.^[10]

Michel Armand (Université de Picardie Jules Verne) received the Spanish–French Catalán–Sabatier Prize. Armand studied at the École Normale Supérieure in Saint-Cloud and received his PhD in 1978 for work supervised by Charles Déportes. He was made CNRS directeur de recherche in 1989, and was professor at the Université de Montréal (UdM) from 1995–2004. He was also Director of the joint CNRS–UdM International Laboratory on Electroactive Materials from 2000–2004. He is currently directeur de recherche at the Université de Picardie Jules Verne. Armand's research involves theoretical concepts and practical applications in the field of energy-related electrochemistry. He has reported in *Angewandte Chemie* on polymer electrolyte solid-state cells.^[11]

Santiago Álvarez (Universidad de Barcelona), who also received the Spanish–French Catalán–Sabatier Prize, studied chemistry at the Universidad de Barcelona and obtained his PhD under the supervision of Jaume Casabó. After a postdoctoral stay with Roald Hoffmann at Cornell University from 1983–1984, he joined the faculty at the Universidad de Barcelona in 1985. His research interests involve theoretical research on bonding, stereochemistry, and magnetic properties of tran-

sition-metal compounds, as well as the application of continuous shape and symmetry measurements to stereochemical studies and structure–property correlations. He has recently published an Essay in *Angewandte Chemie* on the symbolism of arrows in chemistry.^[12]

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors and referees.