

Awarded ...

Real Sociedad Española de Química
Prizes 2014



L. M. Liz-Marzán



F. Albericio



M. C. Carreño



M. Costas



M. L. López-Rodríguez



E. Ortí

The Real Sociedad Española de Química (Spanish Royal Society of Chemistry) recently honored several outstanding scientists. We congratulate all the awardees, including **Helmuth Möhwald** (Max Planck Institute of Colloids and Interfaces), who was already featured here as the winner of the Spanish–German Elhúyar–Goldschmidt Prize.^[1]

Luis M. Liz-Marzán has been awarded the Medalla de la RSEQ, which is the highest honor that the society confers. Liz-Marzán studied at the Universidade de Santiago de Compostela, where he completed his PhD in 1992 for work supervised by M. Arturo López-Quintela. After two years of postdoctoral research with Albert Philipse at the Van't Hoff Laboratory, Utrecht University, he started his independent career at the Universidade de Vigo, where he was made professor in 2006. He joined CIC biomaGUNE, San Sebastian, as professor and Scientific Director in 2012. Liz-Marzán's current research focuses on the synthesis and assembly of nanoparticles, nanoplasmonics, as well as the application of nanomaterials to sensing and diagnostics. His report on gold nanowire forests for SERS detection was recently featured on the cover of *ChemistryOpen*.^[2] Liz-Marzán is on the Editorial or Advisory Boards of *Advanced Optical Materials*, *Chemistry—A European Journal*, *ChemistryOpen*, *ChemNanoMat*, and *Particle & Particle Systems Characterization*.

The Premios a la Excelencia Investigadora are awarded for outstanding research, with particular focus on work carried out in the last five years.

Fernando Albericio (Universidad de Barcelona (UB)—Instituto de Investigación en Biomedica (IRB) Barcelona) received his PhD in 1980 from the UB for work carried out under the guidance of Ernest Giralt. Following postdoctoral work at Tufts University, Boston, the Université d'Aix-Marseille, and the University of Minnesota (1981–1984), he returned to the UB as associate professor. From 1992–1994, he was Director of Peptide Research with MilliGen Biosearch in Boston. He subsequently rejoined the UB, where he was made professor in 1995. He was also made inaugural Rector of Yachay Tech (Yachay University for Experimental Technology and Research) in Ecuador in 2014. Albericio's research interests cover peptide synthesis and combinatorial chemistry methodologies, as well as synthesis of peptides and small molecules with therapeutic activities. He has reported in *Chemistry—A European Journal* on the 2-methoxy-4-methylsulfinylbenzyl protecting group.^[3]

M. Carmen Carreño (Universidad Autónoma de Madrid; UAM) studied at the Universidad Complutense de Madrid (UCM), and worked

with Francisco Fariña at the UAM for her PhD (awarded in 1978). She subsequently worked with José L. García Ruano at the UAM, joined the faculty there in 1984, and was made professor in 2005. Carreño's current research interests include synthetic and mechanistic aspects of diastereoselective reactions involving sulfoxides and total synthesis of biologically active compounds, as well as new materials and molecular devices. She has reported in the *European Journal of Organic Chemistry* on reactions of *p*-hydroquinones.^[4]

Miquel Costas (Universitat de Girona; UdG) studied at the UdG, where he was awarded his PhD (supervised by Antoni Llobet) in 1999. From 1999–2002, he was a postdoctoral researcher with Lawrence Que at the University of Minnesota, and in 2003, he was made Professor of Inorganic Chemistry at the UdG. Costas and his research group are interested in the fields of bioinorganic and supramolecular chemistry, and catalysis. He has reported in *Angewandte Chemie* on oxygen activation with a bis(μ -oxo)dycopper(III) species.^[5]

María Luz López-Rodríguez (UCM) obtained her PhD from the UCM and carried out postdoctoral work at the Sloan Kettering Institute and the University of Florida. In 1984, she joined the Department of Organic Chemistry at the UCM, where she was made Professor of Organic Chemistry in 2004. López-Rodríguez and her team are interested in medicinal chemistry and chemical biology, in particular, G protein-coupled receptors and the development of chemical platforms for the identification of new therapeutic targets. Her report on a monoacylglycerol lipase inhibitor was featured on a cover of *Angewandte Chemie*.^[6]

Enrique Ortí (Universitat de València; UV) studied at the UV, where he completed his PhD (in 1985) under the supervision of Francisco Tomás and José Sánchez. After a postdoctoral stay with Jean-Luc Brédas at the Université de Namur, he returned to the UV, where he was made full professor in 2008. His research focuses on the application of quantum-chemistry methods to the study of electro- or photoactive molecular materials used in organic electronics. His report on electron transfer with a fullerene fragment donor was featured on the cover of *Angewandte Chemie*.^[7]

Pierre H. Dixneuf (Institut des Sciences Chimiques de Rennes, Université de Rennes) is the winner of the Spanish–French Catalán–Sabatier Prize. Dixneuf studied at the Université de Rennes, where he worked with René Dabard for his PhD. From 1971–1972, he undertook postdoctoral work with Michael F. Lappert at the University of Sussex, and in 1973, he joined the faculty at Rennes, where he remains to this day as emeritus research professor. Dixneuf's research program is based on organometallic chemistry and catalysis, including carbon-rich organometallic compounds,

ruthenium catalysts for olefin metathesis, and $C_{sp^2}-H$ functionalization. He has reported in *ChemCatChem* on ruthenium(II)-catalyzed formation of C–H bonds.^[8] Dixneuf was also recently announced as the winner of the inaugural Prix Chine–France, which is awarded jointly by the Chinese and French Chemical Societies.

The Premios Jóvenes Investigadores are awarded to young researchers who are under the age of 40 and obtained their doctorate no more than 10 years ago.

Ana Caballero (Universidad de Huelva; UHU) studied at the Universidad de Sevilla and carried out her PhD (completed in 2004) at the UHU. From 2005–2007, she was a postdoctoral researcher at the CNRS Laboratoire de Chimie de Coordination, Toulouse, and she returned to the UHU in 2007 as a Ramón y Cajal researcher in the group of Pedro J. Pérez at the Center for Research in Sustainable Chemistry (CIQSO), where she is currently associate professor. Caballero is interested in the development of catalytic systems for the conversion of unreactive hydrocarbons. She has reported in *ChemCatChem* on the silver-catalyzed functionalization of esters.^[9]

Andrés de la Escosura (UAM) studied at the UAM, where he worked with Tomás Torres for his PhD, which was awarded in 2005. In 2006, he joined the group of Roeland J. M. Nolte and Jerroen J. L. M. Cornelissen at the Radboud University Nijmegen as a postdoctoral research fellow, and his work on DNA-templated chromophore assemblies encapsulated in DNA nanotubes was published in *Angewandte Chemie*.^[10] In 2009, he returned to the UAM, where he has been a Ramón y Cajal researcher since 2012. De la Escosura's research is at the interface of chemistry and biology, and currently involves the construction and study of biohybrid nanomaterials.

Mariola Tortosa (UAM) studied at the UAM and carried out her PhD at the Instituto de Química Orgánica General in Madrid. In 2005, she moved to The Scripps Research Institute, Jupiter to work as a postdoctoral fellow with William R. Roush. In 2008 she returned to the Instituto de Química Orgánica General as a research assistant, and in 2011, she started her independent career at the UAM as a Ramón y Cajal Fellow. Her research interests include boron chemistry, asymmetric catalysis, and the synthesis of natural products. She has reported in *Angewandte Chemie* on reactions of arylsulfonylacetylenes.^[11]

Rubén Vicente (Universidad de Oviedo) studied at the UAM and worked with José Barluenga at the Universidad de Oviedo for his PhD (awarded in 2006). After short research stays at the University of Bonn and Boston College, he spent three years as a postdoctoral researcher in the group of Lutz Ackermann at the University of Göttingen. He returned to Oviedo in 2010 and was made a Ramón y Cajal fellow in 2012. Vicente's research interests include new reactivity patterns by the activation of unreactive bonds and the development of sustainable catalysis through the use of inexpensive metals with low toxicity. His contributions to *Angewandte Chemie* include a report on zinc-catalyzed synthesis.^[12]

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- [2] A. La Porta, M. Grzelczak, L. M. Liz-Marzán, *ChemistryOpen* **2014**, *3*, 146.
- [3] M. Paradís-Bas, J. Tulla-Puche, F. Albericio, *Chem. Eur. J.* **2014**, *20*, 15031.
- [4] C. García-García, M. C. Redondo, M. Ribagorda, M. C. Carreño, *Eur. J. Org. Chem.* **2014**, 7377.
- [5] J. Serrano-Plana, I. García-Bosch, R. Miyake, M. Costas, A. Company, *Angew. Chem. Int. Ed.* **2014**, *53*, 9608; *Angew. Chem.* **2014**, *126*, 9762.
- [6] G. Hernández-Torres et al., *Angew. Chem. Int. Ed.* **2014**, *53*, 13765; *Angew. Chem.* **2014**, *126*, 13985.
- [7] M. Gallego et al., *Angew. Chem. Int. Ed.* **2014**, *53*, 2170; *Angew. Chem.* **2014**, *126*, 2202.
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- [9] R. Gava, M. Á. Fuentes, M. Besora, T. R. Belderrain, K. Jacob, F. Maseras, M. Etienne, A. Caballero, P. J. Pérez, *ChemCatChem* **2014**, *6*, 2206.
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- [12] J. González, J. González, C. Pérez-Calleja, L. A. López, R. Vicente, *Angew. Chem. Int. Ed.* **2013**, *52*, 5853; *Angew. Chem.* **2013**, *125*, 5965.

DOI: 10.1002/anie.201411452

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



P. H. Dixneuf



A. Caballero



A. de la Escosura



M. Tortosa



R. Vicente