Real Sociedad Española de Química Prizes 2015

The Real Sociedad Española de Química (Spanish Royal Society of Chemistry) has recently honored several outstanding chemists in its annual prize program. We feature the awardees here.

José Luis Mascareñas (Universidad de Santiago de Compostela; USC) is the recipient of the "Medalla de Oro de la RSEQ" (Gold Medal of the RSEQ), which is the society's highest honor. Mascareñas studied at the USC, where he worked with Antonio Mouriño and Luis Castedo for his PhD (awarded in 1988). From 1989–1990, he was a postdoctoral researcher with Paul A. Wender at Stanford University, and in 1991, he joined the faculty at the USC (with research stays in 1992 and 1995 with Gregory L. Verdine at Harvard University), and is currently Professor of Organic Chemistry. Mascareñas and his group are interested in both metal-catalyzed processes and also the development of DNA- and protein-binding peptides. He has reported in *Angewandte Chemie* on rhodium-catalyzed annulations.[1] Mascareñas is on the Editorial Advisory Board of *ChemBioChem* and the International Advisory Board of the *Asian Journal of Organic Chemistry*.

The "Premios a la Excelencia Investigadora" are given for outstanding research achievements, and have been awarded to Nuria López, Concepció Rovira, Kilian Muñiz, Rubén Martín, and Félix Zamora.

Nuria López (Institut Catala d'Investigació Química; ICIQ) studied at the Universitat de Barcelona, where she completed her PhD in 1999. From 2000–2001, she was a postdoctoral fellow with Jens K. Nørskov at the Technical University of Denmark, and from 2001–2005, she was a researcher at the Universitat de Barcelona. In 2005, she moved to the ICIQ, where she is currently senior group leader. López is interested in theoretical studies of heterogeneously catalyzed processes. Her report on a single-site palladium catalyst was featured on the cover of *Angewandte Chemie*.[2]

Concepció Rovira (Institute of Materials Science of Barcelona (ICMAB)–Consejo Superior de Investigaciones Científicas (CSIC)) was featured here when she was named one of the IUPAC 2013 Distinguished Women in Chemistry or Chemical Engineering.[3]

Kilian Muñiz (ICIQ) studied at the University of Hannover, and worked with Carsten Bolm at the RWTH Aachen for his PhD (completed in 1998). After postdoctoral research with Bolm (1998–1999) and Ryōji Noyori at Nagoya University (1999–2000), he carried out his habilitation (2001–2005) with Karl Heinz Dötz at the University of Bonn. In 2005, he joined the faculty at the Université Louis Pasteur, Strasbourg, and in 2009, he moved to the ICIQ, where he is currently group leader and professor at the Catalan Institution for Research and Advanced Studies (ICREA). Muñiz is interested in the oxidative amination of hydrocarbon compounds. He has recently reported in *Angewandte Chemie* on an iodine-catalyzed Hofmann–Löffler reaction.[4] Muñiz is on the International Advisory Board of *The Chemical Record*.

Rubén Martín (ICIQ) was awarded his PhD in 2003 for work carried out under the supervision of Antoni Riera Escalé. After research fellowships with Alois Fürstner at the Max Planck Institute for Coal Research, Mülheim (2004–2005) and Stephen L. Buchwald at the Massachusetts Institute of Technology (2005–2008), he was made group leader at the ICIQ in 2008 and professor at the ICREA in 2013. Martín's research is primarily focused on the catalytic activation of carbon dioxide and unreactive C–H, C–C, and C–O bonds. He has reported in *Angewandte Chemie* on nickel-catalyzed C–C bond cleavage.[5] Martín is on the International Advisory Board of the *European Journal of Organic Chemistry*.

Félix Zamora (Universidad Autónoma de Madrid; UAM) received his PhD in 1994 for work supervised by Carmen Navarro-Ranninger at the UAM. After postdoctoral work with Bernhard Lippert at the University of Dortmund and with Michal Sabat at the University of Virginia, he rejoined the UAM, where he is currently Profesor Titular. Zamora's research is focused on the preparation and characterization of novel materials at the nanoscale level. He has reported in *Chemistry—A European Journal* on imine-based covalent organic frameworks.[6]

Rocío Ponce Ortiz, Moisés Gulías, Julio Lloret-Fillol, and Carlos Martí-Gastaldo are the winners of the "Premios Sigma–Aldrich a Jóvenes Investigadores RSEQ", which are awarded to early-career researchers.

Rocío Ponce Ortiz (Universidad de Málaga; UMA) studied at the UMA, where she was awarded her PhD in 2008 for work supervised by Juan T. López Navarette. From 2008–2011, she was a postdoctoral researcher with Tobin J. Marks at Northwestern University, and she subsequently returned to the UMA where she currently holds a Ramón y Cajal Fellowship. She is co-author of a report in *Chemistry—A European Journal* on ethylenedioxythiophene–vinylene oligomers.[7]

Moisés Gulías (USC) studied at the USC, where he completed his PhD (supervised by José L. Mascareñas) in 2006. From 2007–2009, he was a postdoctoral researcher with Matthew Gaunt at the University of Cambridge, and in 2010, he returned to the USC as a Parga Pondal Fellow. Gulías is interested in topics such as the development of new methods based on the activation of unreactive bonds with metal catalysts. He has also

Awarded ...

J. L. Mascareñas

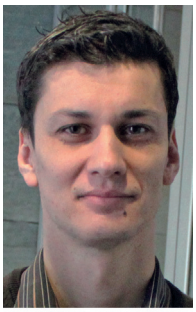
N. López

K. Muñiz

R. Martín

F. Zamora


R. Ponce Ortiz


M. Gulías


C. Martí-Gastaldo


F. Joó


J. Rocha

reported in *Angewandte Chemie* on rhodium-catalyzed annulations.[1]

Julio Lloret-Fillol was featured here when he won the Young Scientist Award of the RSEQ Grupo Especializado de Química Organometálica.[8]

Carlos Martí-Gastaldo (Universidad de Valencia; UV) studied at the UV, where he worked with Eugenio Coronado and José Rámon Galán-Mascarós for his PhD (awarded in 2009). After postdoctoral research at the UV (2009–2010) and with Matthew J. Rosseinsky at the University of Liverpool (2010–2013), and an independent research fellowship at Liverpool (2013–2014), he was made a Ramón y Cajal Fellow at the UV in 2014. Martí-Gastaldo's research is currently focused on metal–organic frameworks and layered inorganic solids. He is co-author of a recent report in *Angewandte Chemie* on zirconium-based metal–organic frameworks.[9]

Luisa De Cola (Université de Strasbourg) is the recipient of the Premio Hispano–Francés (Catalán–Sabatier). De Cola was featured here when she was named one of the 2011 IUPAC Distinguished Women in Chemistry or Chemical Engineering.[10] She is on the Editorial Boards of *ChemPhysChem* and *ChemPlusChem*.

Evamarie Hey-Hawkins (University of Leipzig) has been honored with the Premio Hispano–Alemán (Elhuyar–Goldschmidt). Hey-Hawkins was featured here when she was named one of the 2013 IUPAC Distinguished Women in Chemistry or Chemical Engineering.[3] She is on the International Advisory Board of *ChemPlusChem*.

Ferenc Joó (University of Debrecen) is the winner of the Premio Hispano–Húngaro (Gamboa–Winkler). Joó studied at Kossuth University (now part of the University of Debrecen), and completed his PhD (supervised by Mihály T. Beck) there in 1975. He subsequently remained at the same institution, and also carried out postdoctoral research with Howard Alper at the University of Ottawa (1983–1985). He is currently Leader of the Research Group on Homogeneous Catalysis and Chair of the Chemistry Section, Hungarian Academy of Sciences. Joó and his research group are interested in the use of organometallic catalysts in aqueous systems. He has reported in *ChemSusChem* on the use of water-soluble iridium–NHC–phosphine complexes.[11] Joó is on the International Advisory Board of *ChemCatChem*.

João Rocha (Universidade de Aveiro) is the recipient of the Premio Hispano–Portugués (Medinabeitia–Lourenço). Rocha received his PhD (supervised by Jacek Klinowski) from the University of Cambridge in 1990. After postdoctoral work in Cambridge, he moved to the Universidade de Aveiro, where he was made Professor of Inorganic and Materials Chemistry in 1999. He is also Director of the Aveiro Institute of Materials (CICECO). Rocha's research includes microporous and mesoporous materials, metal–organic frameworks, solid-state NMR spectroscopy, and X-ray diffraction. He has reported in *Chemistry—A European Journal* on enhancing the photocatalytic activity of MIL-125.[12] Rocha was on the Editorial Board of the *European Journal of Inorganic Chemistry* from 2005–2013 (and was its Chair from 2011–2013), and is currently on the Editorial Board of *Chemistry—A European Journal*. He was recently made a Fellow of ChemPubSoc Europe, the organization of 16 European chemical societies. ChemPubSoc Europe is also the owner of *Chemistry—A European Journal*, the *European Journal of Organic Chemistry*, and the *European Journal of Inorganic Chemistry*, among other chemistry journals.

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[2] G. Vilé, D. Albani, M. Nachtegaal, Z. Chen, D. Dontsova, M. Antonietti, N. López, J. Pérez-Ramírez, *Angew. Chem. Int. Ed.* **2015**, *54*, 11265; *Angew. Chem.* **2015**, *127*, 11417.
[3] *Angew. Chem. Int. Ed.* **2013**, *52*, 10154; *Angew. Chem.* **2013**, *125*, 10340.
[4] C. Martínez, K. Muñiz, *Angew. Chem. Int. Ed.* **2015**, *54*, 8287; *Angew. Chem.* **2015**, *127*, 8405
[5] F. Juliá-Hernández, A. Ziadi, A. Nishimura, R. Martin, *Angew. Chem. Int. Ed.* **2015**, *54*, 9537; *Angew. Chem.* **2015**, *127*, 9673.
[6] A. de la Peña Ruigómez et al., *Chem. Eur. J.* **2015**, *21*, 10666.
[7] P. Mayorga Burrezo, B. Pelado, R. Ponce Ortiz, P. De la Cruz, J. T. López Navarrete, F. Langa, J. Casado, *Chem. Eur. J.* **2015**, *21*, 1713.
[8] *Angew. Chem. Int. Ed.* **2015**, *54*, 393; *Angew. Chem.* **2015**, *127*, 401.
[9] S. B. Kalidindi et al., *Angew. Chem. Int. Ed.* **2015**, *54*, 221; *Angew. Chem.* **2015**, *127*, 223.
[10] *Angew Chem. Int. Ed.* **2011**, *50*, 10763; *Angew. Chem.* **2011**, *50*, 10951.
[11] H. Horváth, G. Papp, R. Szabolcsi, Á. Kathó, F. Joó, *ChemSusChem* **2015**, *8*, 3036.
[12] R. M. Abdelhameed, M. M. Q. Simões, A. M. S. Silva, J. Rocha, *Chem. Eur. J.* **2015**, *21*, 11072.

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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, referees, or board members.