

Prof. Javier García Martínez

Professor of Inorganic Chemistry and Director of the Molecular Nanotechnology Lab of the University of Alicante (UA) where he leads an international team working on the synthesis and application of nanostructured materials for the production of chemicals and energy. He has published more than one hundred papers in top journals including Nature Chemistry, JACS, Angewandte Chemie, and Advanced Materials. He is inventor in more than forty patents and the author or editor of six books including: The Chemical Element (2011), Chemistry Education (2015), and Chemistry Entrepreneurship (2021).

Founder of the technology-based company Rive Technology, which markets the catalysts Javier developed at the Massachusetts Institute of Technology (MIT). Since 2012, the catalysts that Rive Technology sells are used in several refineries, significantly increasing fuel production and energy efficiency. In 2019, W. R. GRACE acquired Rive Technology.

Professor at the Rafael del Pino Foundation and director of the report on technology and competitiveness of the Spanish economy.

Founder and president of Celera, a talent support program in Spain that selects ten exceptional young people each year to provide them with resources, training and, mentoring. Seventy young people have already participated in this program. Several companies have been founded and over a hundred million dollars have been raised by the members of Celera.

Javier is president-elect (president for the biennium 2022-2023) of the International Union of Pure and Applied Chemistry, IUPAC. Previously, he served as member of the Executive Committee and at its Bureau.

President and Founder of the Young Academy of Spain, which provides a platform and gives a voice to young researchers from Spain. Its members are early- to mid-career academics who are selected from across disciplines based on their professional excellence and commitment to engage with society.

In June 2014, the Queen of Spain presented Javier with the King James I Award. In 2015, Javier received Emerging Researcher Award by the American Chemical Society and in 2018 the Kathryn C. Hach Award as the best entrepreneur in the USA in the chemical sector. Javier is a member of the Council of Emerging Technologies of the World Economic Forum, Panel Member of the European Research Council, and Fellow of the Royal Society of Chemistry.