



Prof. Miguel Yus, University of Alicante, Spain

Title: Chiral *N*-Sulfinyl Imines: New Synthetic Adventures

Miguel Yus was born in Zaragoza (Spain) in 1947, and received his BSc (1969), MSc (1971) and PhD (1973) degrees from the University of Zaragoza. After spending two years as a postdoctoral fellow at the Max Planck Institut für Kohlenforschung in Mülheim a.d. Ruhr he returned to Spain to the University of Oviedo where he became associate professor in 1977, being promoted to full professor in 1987 at the same university. In 1988 he moved to a chair in Organic Chemistry at the University of Alicante, where he has been head/founder of the Department of Organic Chemistry and director/founder of the Institute of Organic Synthesis. Professor Yus has been visiting professor at different institutions and universities among them ETH-Zentrum, Oxford, Harvard, Uppsala, Marseille, Tucson, Okayama, Paris, Strasbourg, Bologna, Sassari, Tokyo and Kyoto. He is co-author of more than 600 papers (and five patents) and has supervised more than 60 Doctoral Theses (already presented), and delivered more than 200 lectures, most of them abroad. In October 2017 his h-index is 66 with more than 22.000 citations. Among others, he has received the Spanish-French Prize (1999), twice the Japan Society for the Promotion of Science Prize (Okayama 2000, Kyoto 2007), the Stiefvater Memorial Lectureship Award (Lincoln 2001), the Nagase Science and Technology Foundation fellowship (Kyoto 2003), the Cellchem Lectureship (Sheffield 2005), the Singenta Lectureship (Basel 2007), the Fundeun-Iberdrola Prize (Alicante 2007), the Serratosa Lectureship (Barcelona 2010), the Conferencia Lourenço-Madinaveitia (Lisboa 2012), the Medalla Felix Serratosa from the RSEQ (Madrid 2012), and the Cooch Behar Professorship Lecture (Kolkata 2015), being also named Active Academician from the European Academy of Sciences and Arts (Salzburg 2012) and Academic member of the Athens Institute for Education & Research (Athens 2016). Professor Yus has been in the Advisory Board of about 30 international journals, among others, Tetrahedron, Tetrahedron Letters, European Journal of Organic Chemistry, Chemistry Letters, The Chemical Record, Current Organic Chemistry, Current Chemical Biology, Jordan Journal of Chemistry, Applied Sciences, Annals of Chemistry, Journal of Organic Chemistry Research, and Trends in Organic Chemistry, being also Editor-in-Chief of Letters in Organic Chemistry, Chemical Engineering, Modern Organic Chemistry Research, and Open Chemistry, as well as Regional Editor of The World Journal of Chemistry. He is member of the Spanish Royal Society of Chemistry (1979), the Federation of European Chemical Societies (1980), the Royal Society of Chemistry (1985; Fellow 1992), the American Chemical Society (1986), the Neue Schweizerische Chemische Gesellschaft (1987), the Gessellschaft Deutscher Chemiker (1988), the New York Academy of Sciences (1994), the Chemical Society of Japan (1993), the International Society of Heterocyclic Chemistry (1995), the American Society for the Advancement of Science (1996), and the American Society of Pharmacognosy (1996). His current research interest is focused on the preparation of very reactive functionalized organometallic compounds and their use in synthetic organic chemistry, arene-catalyzed activation of different metals, preparation of new metal-based catalysts, including metallic nanoparticles for homogeneous and heterogeneous selective reactions, and asymmetric catalysis. Professor Yus founded the new chemical company MEDALCHEMY S.L. to commercialize fine chemicals.