Discovery of Catalytic Reactions
For Sustainable Chemistry

Prof. David Milstein
The Weizmann Institute of Science (Israel)

Thursday 18th October, 2012. ICIQ Auditorium, 12 p.m.

Professional career

David Milstein received his Ph.D. degree at the Hebrew University of Jerusalem in 1976 with Prof Blum. He carried out postdoctoral at Colorado State University, where together with his advisor, John Stille, he discovered the Stille Reaction. In 1979 he joined the DuPont Company in Wilmington, Delaware, where he became a Group Leader in the homogeneous catalysis area. In 1987 he accepted a professorial appointment at the Weizmann Institute of Science, where he was Head of the Department of Organic Chemistry in 1996-2005. In 2000 he became Head of the Kimmel Center for Molecular Design. He is the Israel Matz Professor of Organic Chemistry since 1996. His research interests focus on the development of fundamental organometallic chemistry, particularly the activation of strong bonds, and its application to the design and implementation of new environmentally benign processes catalyzed by transition metal complexes.

Awards

Awards received by DM include: the Kolthoff Prize by the Technion (2002), the Israel Chemical Society Prize (2006), the Miller Professorship, UC Berkeley (2006); the ACS Award in Organometallic Chemistry (2007); the RSC Sir Geoffrey Wilkinson Award (2010); the Humboldt Senior Award (2011); and the Israel Prize (2012, Israel’s highest honor). DM was elected to the German National Academy of Sciences-Leopoldina (in 2006) and to the Israel National Academy of Sciences and Humanities (in 2012).

DM has also been awarded many lectureships including the Inaugural Novartis Lectureship, Harvard Univ, 2009; the Arthur D. Little lectureship, MIT, 2009; the Novartis Lectureship, Scripps, 2010; the Lord Lewis Lectureship, Cambridge Univ, 2011; the Ernest Swift Lectureship, Caltech, 2011; and the EuCheMs Lecturer, 2012.

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