



Simposio Internacional: **Las levaduras como bancos de prueba en las Ciencias de la Vida**

International Symposium: Yeasts as versatile testbeds for the Life Sciences

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CV

MIGUEL ALCALDE

The central research of Dr. Miguel Alcalde primarily focusses on the engineering of enzymes by directed evolution for a wide range of biotechnological purposes; the development of high-throughput biomolecular screening tools and genetic methods for library construction and exploration, as well as synthetic biology studies for environmental, energy and industrial applications (www.miguelalcaldelab.eu).

Dr. Alcalde studied Biology at the Universidad Complutense de Madrid, Spain (1988-1993) and in 1994, he obtained an M.Sc in Plant Physiology. In 1999, he completed his PhD in Biochemistry and Molecular Biology under the supervision of Prof. A. Ballesteros at the Institute of Catalysis (ICP-CSIC, Madrid). From 2001 to 2003, Dr. Alcalde took up a postdoctoral fellowship in Biochemistry in Prof. F.H. Arnold's group at CALTECH, (funded by NATO and Fullbright programs). In 2003 he returned to ICP-Madrid granted with an I3P-CSIC (2003) and a Ramón y Cajal contracts (2005). He was later appointed as a Staff Scientist of the CSIC in 2007 and promoted to CSIC Researcher in 2014.

Dr. Alcalde has participated in several consecutive European Projects and research contracts with industries (acting as external consultant for Repsol, Abengoa and NeuronBiopharma). Dr. Alcalde is co-author of several patents and over 70-SCI papers.