

***Copper Mediated Atom Transfer Radical
Reactions as a Synthetic Tool***

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Tomás R. Belderrain (1966) graduated in Chemistry in 1989 in Sevilla. He received his Ph.D. degree in Chemistry (1994) from the Universidad de Sevilla, under the supervision of Professor Ernesto Carmona. He continued his scientific education as a postdoctoral fellow with Professor Claudio Bianchini (1995), Florence, Italy, and Professor Robert H. Grubbs, at Caltech, Pasadena, USA (1996-97). In 1997 he moved to the Universidad de Huelva (Spain) where he became a lecturer in 2000.

His research interests cover some aspects of homogeneous catalysis, in particular processes where carbon-carbon bond formation occurs: copper mediated ATRA and ATRP processes, synthesis of new palladium(0) complexes as potential catalyst in olefin hydroesterification and cyclopropanation reactions.