

Biography

Maria Pia Cosma was a Marie Curie Postdoc at IMP, Vienna, from 1997-2000. In 2003, she became a Young Group Leader at TIGEM, Naples, and an EMBO Young Investigator (YIP). From 2004 to 2010, she was a Lecturer at the European School of Molecular Medicine, Naples. In April 2010, she moved to the CRG, Barcelona, Spain, as a Senior Scientist and ICREA Research Professor. She is an awardee of: Marie Curie Excellence Award (2005); ERC Starting Grant (2009); HFSP Grant (2010). She received the Order of Merit of the Italian Republic in 2007, and became an EMBO Member in 2010.

Her current research focuses on dissecting out the gene networks and studying the mechanisms of in-vivo somatic-cell reprogramming, to determine whether reprogrammed hybrids have the potential to differentiate and regenerate adult tissues. Her talk will summarize recent work from her group on the dissection of Wnt-dependent chromatin regulation of somatic cell reprogramming and tissue regeneration.

Project

European Research Council Starting Grant

Project acronym: RERE

Project full title: Wnt/Beta Catenin Signalling Pathway Control Reprogramming: the basis of regeneration in Higher Vertebrates.

Overview