

Curriculum vitae

March 2015 – Present: Researcher - CREA – Genomics Research Center – Fiorenzuola d'Arda (PC) - Italy

2013-2015: Tenure track position in Botany – Institute of Agronomy, Genetics and Crop Science, Università Cattolica del Sacro Cuore, Piacenza (Italy).

2010 – 2013 Research Scientist - Filarete Foundation and University of Milano, Italy.

2009 – 2010 Research Scientist - Agricultural Research Council, Italy.

2002 – 2009 Postdoc - Dep. of Bioscience University of Milano, Italy.

Education

January 2002: PhD in Genetics, Institute of Molecular Genetics, University of Pavia (Italy)

December 1997: Degree in Biological Sciences, Università degli Studi di Milano, Milan, Italy.

Current research interests

At CREA, I'm enjoying comparative analysis approaches to deeply investigate seed development in model and crop species; I'm currently studying how auxin controls seed development and quality traits in crops. From 2016 to 2019, I will coordinate the H2020 MSCA-RISE project ExpoSEED; within this project, we molecularly dissect the mechanisms that control seed/kernel yield in model species; the acquired knowledge is then transferred to selected crops.

Most of my previous work experience has been focused on developmental biology. I studied the molecular processes leading to female reproductive organs formation in the model species *Arabidopsis thaliana*.