Serena Varotto

- Degree in Agriculture Science at Padova University.

- 1991 –1994 PhD at the Institute of Agronomy of Padova University Topic: Characterization of the Sporophytic self-incompatibility system in Cichorium intybus L.

- February 1992- May 1992 Stage at "Station de Amélioration des Plantes Maraichères" INRA Montfavet- Avignon- France. Research activity focused on “in vitro” culture.

- February 1993-March 1994 EMBO fellowship at the Plant Breeding Department Max Planck Institut fur zuchtungsforschung in Cologne, Germany. Topic: Application of molecular techniques to the study of endosperm development in maize. Supervisor R. D: Thompson

- April 1995-December 1995 Postdoctoral EC-PTP fellowship at the Plant Breeding Department of Max Planck Institut in Cologne (Germany). Topic: Characterization of maize mutants altered in endosperm development. Supervisor R.D.Thompson

- February 1996 Postdoctoral fellowship Department of Environmental Agronomy and Crop Production University of Padova. Topic: Chicory breeding strategies.

- March 1998 permanent position as Researcher in Genetics and Plant Breeding at University of Padova.

- May 2002 Laboratoire de Biologie Cellulaire INRA - Versailles (Francia) Group Leader J.Traas Topic: Application of Confocal microscopy to the analysis of meristem development

- June 2008 Coordinator of the Proposal AENEAS (Aquired Environmental Epigenetics Advances: from Arabidopsis to maize) in the FP7 Call KBBE-2008-2B funded by the European Commission.

- From 2001 Professor of Plant Genetics and Plant Biotechnology Course Biotechnology of Crop Plants at Padova University.

Areas of interest of Serena Varotto's group

- Maize epigenetics: we are performing MethylC-Seq; the group chracterized ZmHDACs and are currently interested in their role during plant development.
- maize genetics and development: the group is characteizing PIN genes in maize to determine their role during kernel development;
- chicory flowering: the group has characterized the floral repressor FLC and are currently analyzing transgenic mutant in which FLC is silenced by RNA interfering.