

Curriculum Lucia Colombo

📍 University of Milano
Department of Biosciences
Via Celoria 26, Milano

☎ +390250314772 📠 +393403747961

✉ Lucia.colombo@unimi.it

🌐 <https://sites.unimi.it/plantdevumil/>

Sex Female | *Date of birth* 06.02.1965 | *Nationality* Italian

Current Position.

From 2010, Full Professor of General Botany, Department of Biosciences, University of Milano, Italy

Previous position.

2005 to 2010 Associate Professor, General Botany, Department of Biology, University of Milano, Italy.

1999 to 2005 Assistant Professor, General Botany, Department of Biology, University of Milano, Italy.

1998-1999 Scientist, Plant Developmental Genetics, Department of Genetics and Microbiology, University of Milano, Italy.

1993-1997 Post doc, Plant Developmental Genetics, Plant Research International, The Netherlands.

Education.

1993 PhD in Molecular and Cellular Biology, Department of Genetics and Microbiology, University of Milano.

1989 Degree in Biological sciences (thesis in Plant Genetics), score 110/110 with laude.

Bibliometric indicators.

total number of publications in peer-review journals 104

total number of citations: 6806 (scopus), 9359 (google scholar)

H index 49 (scopus), 53 (google scholar)

Having a h-index higher than 30 she has been included in the list of 'Italian top scientist', (<http://www.topitalianscientists.org/>).

Management activities

Appointed by ANVUR as a Member of the evaluation group (GEV) - Sub area 5. The evaluation group has been involved in the 2015-2019 national quality evaluation system for universities and research bodies.

From **2019** Director of CusMiBio (Centre of the University of Milan for Bioscience Education), a center to improve Science Education in High Schools.

2014 to 2019. Head of the Department of Biosciences, University of Milano, Italy.

In the 2018, the Biosciences Department has been selected as one of the 13 Italian Departments of Excellence in the area 05 (biological sciences).

2010 to 2014 Coordinator of the Master Course in Molecular Biology of the Cell, University of Milan, Italy.

2011 to 2014. Director of the Botanical Garden 'Città Studi, University of Milano, Italy

2008 to 2014 Member of the directory board of the Italian Botanical Society

From **2008** Member of the directory board of the PhD school in Molecular and Cellular Biology University of Milano, Italy

2000 to 2008 Member of directory board of the PhD school in Plant Biology, University of Milano, Italy

Research Grants in the last 10 years

2021-2023 Coordinatore. Ministero degli esteri. Progetto di grande rilevanza Italia-Argentina.

2021-2025 PI, EU project (EVOFRULAND)

2021-2025 PI, EU project (PolyPLOID)

2019-2022; Coordinator, PRIN project 2017

2020-2024: PI, EU project (MAD)

2018-2021: PI, Fondazione Cariplo granted project (WAKE-APT).

2015-2020: PI, EU project (SEX SEED)

2014-2019: PI, EU project (PRO-CROP)

2014-2017; Coordinator, PRIN project 2012

2011-2015 Coordinator, EU project (EVO-CODE)

2010-2014: PI, EU Marie Curie Initial Training Network (SysFLOW).

Professional membership

Member of the Italian Botanical Society

The international Society of Sexual Plant Reproduction

European Society for Evolutionary Developmental Biology

Referee for International Journal and editorial board membership.

Reviewer for the following international journals: Science, Current Biology, Plant Journal, PLoS Biology, PLoS Genetics, Nature, Nature Communication, Nature Plants, Plant Physiology, Plant Reproduction, Journal of Experimental Botany, Plant Cell, Development.

Referee for national and International Granted Agencies

In the last 10 years she has been in the panel of the following granting agencies: Ministero dell'università e della ricerca (MUR) Italy; Japan Society for the Promotion of Science (JSPS). Czech Science Foundation.,), United States Department of Agriculture (USDA), USA; Agence Nationale de la recherche (ANR), France; Science Foundation Ireland (SFI), Ireland; Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), Netherlands.

Main Contribution to Dissemination of Sciences

She has been the initiator of the workshop series named "Molecular Control of Flower Development", which she has organized with her group in 2007 (first edition). Subsequent editions were organized in 2009 and 2015 (Spain), 2011 and 2017 (Italy), 2013 and 2019 (France). She has also initiated in 2006, the International PhD school of plant development in Maratea (Italy). Since then a Plant Developmental school has been organized every year in Germany except for 2012 when she has organized this event again in Siena (Italy). These two

initiatives have promoted plant development and flower development studies in Europe and have as special focus the interaction between world-wide leaders in the field of flower development and young scientists.

She has contributed to the Fascination of Plant Day in all of the editions to promote Plant science among the general public. Furthermore, she has been invited several times to give lectures in public events organized to promote sciences among society. Since 2019 she is the director of the Centre of the University of Milan for Bioscience Education (CusMiBio), that has the aim to improve Science Education in High Schools.

Conference and Ph. D school organization

She has organized the following meetings: Mechanism controlling Flower development Maratea 2011 (110 participants); Italian Botanical Conference, Milan 2010 (180 participants), Mechanism controlling Flower development Maratea 2007 (90 participants), II International MADS meeting, Gargnano 2005 (68 participants), International Ph.D School in Plant Development 2006, Maratea (80 participants), International Ph.D School in Plant Development 2012 Siena (60 participants). Furthermore, she has been involved in the organization of 23th International Congress in Sexual Plant Reproduction, 2014 Porto (Portugal).

National and International teaching activities

In the last 10 years she has been teaching General Botany to bachelor students; Reproductive Strategies and Developmental Genetics to master students at the University of Milan.

In 2014 to 2015, she has taught at the University of Rio de Janeiro as Foreign Professor in Plant Developmental Biology (two weeks course each year).

In 2015 she was teaching at the Seed Biology Ph.D summer school (Paris - F) and in 2014 she was teaching at Sexual Plant Reproduction Course University of Porto (P).

She has been invited to give single lectures or seminars in the frame of several international and national Ph.D schools.

Invitation as speaker at conferences and seminars (2011-2022)

Apomixis2022-ICSPR2022, Prague (2022); Mechanisms Controlling Flower Development. ALicante (Spain) (2022) Frontiers in Plant Reproduction, Workshop Adelaide (2020), Society of Experimental Botany Firenze (2019). Molecular Mechanisms Controlling Flower Development Presqu'île de Giens France (2019), Workshop on Mechanism in Plant Development Shanghai, China (2019), Mechanisms Controlling Flower Development. Padova (Italy) (2017), From sex to seed Workshop: a molecular dialogue, Tucson, USA 2016, 26th Arabidopsis Conference. Paris, France (2015), European Frontiers of Plant Reproduction Research. Oslo, Norway (2013), Molecular Mechanisms Controlling Flower Development. Presqu'île de Giens France, (2012), International Botanical Conference, Berlin, Germany (2011).

From 2011 to 2022 she has given more than 30 seminars at Italian and non-Italian University and Research institutes.