

Gian Attilio Sacchi

Professor of Agricultural Chemistry

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Gian Attilio Sacchi graduated *cum laude* in Biological Sciences from the University of Milan in 1977.

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| 1982 | Specialization in Biological Research, University of Milan |
| 1987-1998 | Researcher at the Department of Plant Physiology and Agricultural Chemistry, University of Milan |
| 1998-2004 | Assistant Professor, Agricultural Chemistry, Department of Plant Production, University of Milan |
| Since 2004 | Full Professor, Agricultural Chemistry, Department of Agricultural and Environmental Sciences – Production, Landscape, Agroenergy (DiSAA), University of Milan |
| 2008-2011 | Member of the Committee for Scientific Research and Technological Transfer, University of Milan |
| 2008-2012 | Coordinator of the Bachelor of Science Course in “Environmental and Land Agri-technologies” and of the Master of Science Course in “Agri-environmental Sciences” |
| 2014-2017 | Director of the Department of Agricultural and Environmental Sciences – Production, Landscape, Agroenergy, University of Milan |
| 2014-2015 | Member of the Academic Senate, University of Milan |

He has been local leader of PRIN projects funded by MiUR (1997-2009). He has obtained national grants funded by Regione Lombardia (SIQURISO, 2007-2009; AC-CA, 2009-2010; BIOGESTECA, 2011-2014), Banca del Monte di Pavia Foundation (MEYORIZA, 2010-2013), Ager Foundation (RISINNOVA, 2011-2014), MiPAAF (POLORISO, 2012-2015; EXPO for Everybody, 2015). Moreover, he obtained international grants funded by UE-FP7 Marie Curie Initial Training Network (BIONUT, 2011-2014) and EU Horizon 2020 (NEURICE, 2016-) in which he is WP1 leader.

With these research projects he has contributed to the study of: a) molecular, biochemical and physiological aspects of plant mineral nutrition; b) molecular and physiological responses of plants to abiotic stresses; c) molecular and biochemical bases of uptake, accumulation, toxicity and detoxification of organic and inorganic pollutants in plants; d) molecular bases of graft incompatibility.

His current scientific research interests deal with:

- molecular determinants of salt tolerance in rice
- molecular bases of accumulation/exclusion of heavy metals in plants
- root architecture and plant mineral nutrition

He is the author/coauthor of 6 book chapters and of about 60 papers published in international, refereed journals in the 1982-2019 period, with h index ≥ 17 (ORCID: 0000-0003-3518-5933).