

PERSONAL DETAILS

Veronica G. Maurino (full legal name: Veronica Graciela Maurino-Lercher, Maurino in research only).

Researcher unique identifier(s): orcid.org/0000-0002-3124-1451

URL for web site: https://www.izmb.uni-bonn.de/en/molecular-plant-physiology?set_language=en

Education and key qualifications

2009 Habilitation in Botany; University of Cologne, Germany.

1997 PhD; Centre for Photosynthetic and Biochemical Studies, University of Rosario, Argentina.

1992 Diploma in Biochemistry; University of Rosario, Argentina.

Current position

Since 2019 Full Professor for Molecular Plant Physiology; Institute of Cellular Molecular Botany (IZMB), University of Bonn, Germany.

Previous positions

2018-2019 Independent Research Group Leader/Heisenberg Fellow & Associated PI of CEPLAS Cluster of Excellence in Plant Sciences, Heinrich-Heine-University Düsseldorf, Germany.

2016-2018 Interim Professor, University of Cologne, Germany.

2011-2015 Independent Research Group Leader/DFG Heisenberg Fellow & associated PI of CEPLAS Cluster of Excellence in Plant Sciences, HHU Düsseldorf, Germany.

2003-2011 Senior Research Group Leader. Department of Botany, University of Cologne, Germany.

2000-2003 Research Associate. Department of Botany, University of Cologne, Germany.

1998-2000 Alexander von Humboldt Research Fellow. Department of Botany, University of Cologne, Germany.

1997-1998 Postdoctoral Fellow, Centre for Photosynthetic and Biochemical Studies, University of Rosario, Argentina.

RESEARCH ACHIEVEMENTS AND PEER RECOGNITION

Research achievements

During my career, I published around 100 papers, including primary research articles and invited reviews (for full list visit: <https://scholar.google.de/citations?user=jJUrtqIAAAAJ&hl=de>), and obtained three granted patents (two of them listed below), two in the European Patent Office (EP2093283A1 and EP2143798A1) and one in Argentina (AR072885B1). I also published a protein crystallographic structure deposited in wwPDB under the accession code 5OU5.

Peer recognition

Invited reviews and commentary articles (5 selected from the last 2 years)

1. Tessi T, **Maurino VG** (2024) AZGs: a new family of cytokinin transporters. **Biochemical Society Transactions** <https://doi.org/10.1042/BST20231537>
2. Eckardt, N, Allahverdiyeva Y, ..., **Maurino VG**, et al., (2024) Lighting the way: Compelling open questions in photosynthesis research. **Plant Cell** <https://doi.org/10.1093/plcell/koae203>
3. **Maurino VG** (2024) Die Welt der Pflanzen. Springer Berlin Heidelberg, BIOSpektrum 30 (2) 241.
4. Alvarez C, **Maurino VG** (2023) Adaptive diversity in structure and function of C4 photosynthetic components. **Biochemical Society Transactions** 51 (3), 1157-1168.
5. Balparda M, Bouzid M, Martinez M, Zheng Ke, Schwarzländer M, **Maurino, VG** (2023) Regulation of plant carbon assimilation metabolism by post-translational modifications. **Plant Journal** 5,1059-1079.

Invited presentations to major conferences (5 selected from recent years)

- 2023 Invited speaker at the Gordon Research Conference (GRC) on CO₂ Assimilation in Plants from Genome to Biome. Lucca, Italy.
- 2023 Invited speaker at the XXXIV meeting of the Argentinian Society of Plant Physiology, Rosario, Argentina. 2022
- 2022 Invited speaker at the 13th International Conference for Plant Mitochondrial Biology - ICPMB-, Malmö, Sweden.
- 2022 Invited speaker at the (GRC) on Mitochondria and Chloroplasts. Mount Snow, USA.
- 2019 Invited speaker at the 12th ICPMB, El Gedi, Israel.

Fellowships

- During most of my research career, I was financially supported through fellowships that I had obtained:
- 2011-2019 Heisenberg Fellowship of the German Research Foundation (DFG), Germany. *This is a prestigious German program designed to support exceptional researchers who are poised for future professorships by providing them with research independence, reputation and recognition.*
 - 2006-2007 Lise-Meitner Fellowship, Germany. *This is an important program designed to foster excellent female scientists who wish to pursue their careers in academia and research.*
 - 2003-2005 Own position grant from the DFG, Germany. *This is a German grant of high scientific merit that provides funding to support a researcher as principal investigator.*
 - 1998-2000 Alexander von Humboldt Research Fellowship, Germany. *This is a renowned program that supports top-class researchers to conduct research in Germany. Being awarded the AvH Fellowship is a mark of distinction and recognition of a researcher's achievements and potential.*
 - 1997-1998 Postdoctoral Fellowship, National Scientific and Technical Research Council (CONICET), Argentina.
 - 1995/1997 Visiting scientist, Department of Biophysics, University of Osnabrück, Germany. Financed by the VolkswagenStiftung.
 - 1993-1996 Doctoral Fellowship, CONICET, Argentina.

ADDITIONAL INFORMATION

Career break

2015-2016 I was on **maternity leave** from September 2015 to August 2016.

Funding acquired

I have previously **acquired around 3 million EUR in competitive research grants** (DFG, FP7-EU, BASF Plant Science) as the sole or principal investigator.

Other contributions to the research community

Institutional responsibilities

I am active member of different academic boards and committees:

- 2023-2025 Deputy Managing Director IZMB.
- Since 2022 Member of the Faculty Council.
- Since 2022 Speaker Professor of WHATS-UB (Women in Higher Education and Top-Level Research) University of Bonn
- Since 2021 Member of the Board of Examiners Bachelor Biology.
- Since 2021 Member of the Board of Examiners Master in Plant Sciences.
- Since 2019 Faculty member, which includes search and habilitation committees.

Supervision of students and postdoctoral fellows and awards of the members of the group

Since the year 2000 I supervised 10 Postdocs, 13 PhD students and 26 Master Students at the Universities of Cologne, Düsseldorf, and Bonn. One of my former PhD students has been appointed Assistant Professor at Chalmers University in Sweden, and some others are working in prestigious research companies in Germany. My students and I have been honoured many times for our research:

- 2022 My master student Aylin Kerim received the prize for the best plant science Master's thesis at the University of Bonn from the German Botanical Society.
- 2022 My postdoc Dr. Meike Hüdig received the Eduard Strasburger Award of the German Botanical Society for her outstanding and original achievements as a postdoctoral scientist in botany.
- 2011 My PhD student Anke Kuhn received the prize for the best poster presentation at the XXIV SPPS congress, Stavanger, Norway.
- 2011 My PhD student Judith Wienstroer received the prize for the best poster presentation at the International Conference for Plant Mitochondrial Biology, Hohenroda, Germany.
- 2011 PD Dr. Veronica Maurino was appointed as Excellent scientist by the AcademiaNet, Robert-Bosch-Stiftung.

- 2010 My PhD student Martin Engqvist received the prize for the best talk at the 23. Meeting of the Molecular Biology of Plants Society, Dabringhausen, Germany.
- 2009 My PhD student Alexandra Maier received the prize for the best poster presentation at the Botanikertagung, Leipzig, Germany.
- 2009 PD Dr. Veronica Maurino was appointed Top Author (2004-2008) by the American Society of Plant Biologists.
- 1998 Dr. Veronica Maurino received Outstanding Young Scientist Award from Amersham Pharmacia Biotech and Science.
- 1992 Veronica Maurino received the prize for the best poster presentation at the Congress of Biomedicine from the Biology Society of Rosario.

Mentoring activities

I am academic mentor for a grant application to initiate a start-up (CytoSphereX) supported by the 2024 EXIST (Start-ups from Science) programme of the German Federal Ministry of Economics and Technology via the European Fund Plus (ESF Plus) of the European Union.

Teaching activities

Since 2009 I teach courses and give lectures on Protein Technology, Protein Biochemistry and Biotechnology, Molecular Biology, Plant Biochemistry, Plant Physiology at the University of Cologne, Heinrich Heine University Düsseldorf, and University of Bonn, Germany.

Organization of scientific meetings

I am actively participating in the organization of international and national scientific meetings, which includes preparing the programme, inviting researchers, selecting talks and posters.

- 2024 Meeting of the German Mitochondrial Network, Bonn, Germany.
- 2022 Co-organizer of the International Conference of the German Society for Plant Sciences, Bonn.
- 2018 Meeting of the German Mitochondrial Network, Düsseldorf, Germany.

Reviewing activities (commissions of trust)

- Since 2022 Editorial Board of The Plant Journal.
- Since 2020 Editorial Board of the Journal of Plant Sciences.
- Since 2016 Scientific peer-reviewer for research foundations such as DFG and Alexander von Humboldt foundation.
- Since 2001 Scientific peer-reviewer for scientific journals, including: Nature Plants, Nature Communications, PNAS, Plant Cell, Plant Physiology, Journal of Experimental Botany, etc.

Memberships scientific societies

- Since 2015 Member of the German Botanical Society (GBG)
- 2015-2019 PI, Research Network “Cluster of Excellence on Plant Sciences” (CEPLAS)
- Since 2000 Member of the Argentinian Society of Biochemistry (SAIB)