

CURRICULUM VITAE



PERSONAL INFORMATION

First name, Surname	GIOVANNI, DAL CORSO
E-mail	giovanni.dalcorso@univr.it
University web page	https://www.dbt.univr.it/?ent=persona&id=4805&lang=en
Scopus ID	23017825000
Orcid ID	0000-0002-0594-5930
Nationality	Italian
Date of birth	12 Oct 1979

WORK EXPERIENCES

Sept 2023 - current	Senior Researcher (RTD-B) - AGRI-06/A Genetica Agraria (Plant Genetics) - University of Verona (Italy) – Department of Biotechnology
Mar 2020 – Aug 2023	Junior Researcher (RTD-A) - AGRI-06/A Genetica Agraria (ex AGR/07 Plant Genetics) - University of Verona (Italy) – Department of Biotechnology
Jan 2008 – Feb 2020	Technical Assistant (D category) - Laboratory Manager, Student Instructor and thesis assistant supervisor - Radioisotope-lab manager - University of Verona (Italy) – Department of Biotechnology - Laboratory of Plant Molecular Genetics (AGR/07)
Mar 2004 – Jun 2004	Technical Assistant - Technical supervisor of the course Plant Tissue Cell Culture for the Master's degree in Biotechnology - University of Verona (Italy) - Department of Science and Technology - Plant tissue culture Laboratory

EDUCATION AND TRAINING

Since Aug 2009	Honorary Fellowship in Plant Genetics (<i>Cultore della materia</i> , AGR/07) - UNIVERSITY OF VERONA , ITALY - Facoltà di Scienze MM.FF.NN.
Dec 2006 and Mar 2007	Visiting scientist in the lab of Pierre Joliot, INSTITUT DE BIOLOGIE PHYSICO-CHIMIQUE/UMR-CNRS , PARIS, FRANCE (learning experience regarding plant phenotyping by means of chlorophyll fluorescence detection and photosynthesis-related parameters)
Apr 2006 – Dec 2007	PhD Degree in Natural Sciences , - LUDWIG-MAXIMILIANS-UNIVERSITÄT (MÜNCHEN, GERMANY) - Fakultät für Biologie, - 3 rd year PhD - Thesis title „ <i>Characterization of the novel photosynthetic protein PPP7 involved in cyclic electron flow around PSI</i> ” - „ <i>ausgezeichnet</i> ” - summa cum laude
Jul 2004 – Mar 2006	1st and 2nd years PhD – MAX PLANCK INSTITUT FÜR ZÜCHTUNGSFORSCHUNG (KÖLN, GERMANY)
Oct 1998 – Mar 2004	Master Degree in Plant and Microbial Biotechnology (Laurea magistrale – five years, old system) - UNIVERSITY OF VERONA (ITALY) - Facoltà di Scienze MM.FF.NN. - Thesis title „ <i>Characterization of a bZIP transcriptional factor induced by Cadmium in Brassica juncea</i> (L.) Czern” - 110/110 cum laude

- 07/E1 – **GENETICA AGRARIA** - II FASCIA (validity: 03/06/2021 to 03/06/2033)
- 05/A2 – **FISIOLOGIA VEGETALE** - II FASCIA (validity: 07/10/2014 to 07/10/2025)
- 07/E1 – **GENETICA AGRARIA** - II FASCIA (validity: 27/11/2014 to 27/11/2025)

PARTICIPATION IN FINANCED RESEARCH PROJECTS

Project Agrifuture	Participation in the project Agrifuture in the context Smart-Agrifood. Bando per il finanziamento di progetti di ricerca e sviluppo realizzati dalle Reti Innovative Regionali e dai Distretti Industriali. PR Veneto FESR 2021-2027 - DGR n. 729 - 26 June 2024 G. DalCorso is leader of WP3: <i>Efficacia del trattamento biostimolante sulla germinabilità e resilienza di piante di pomodoro</i>
Progetto Ecosistema dell'innovazione (iNEST)	Participation in the project " VIVAiRESTI - La filiera Vltivinicola: VALorizzazione dei suoi sottoprodotti per un'agricoltura RESiliente e per applicazioni saluTistiche" – CUP B43C22000450006 - in the context of the Progetto Ecosistema dell'innovazione - BANDO PER IL FINANZIAMENTO DI PROGETTI DI RICERCA destinato a giovani ricercatori. G. DalCorso is a participant of the UniVR research unit (tot fin. 48.385,66 €)
CN2 - AGRITECH - Bando a Cascata	Participation in the project " e-TRAIT4H2O - CUP: D13C22001330005 - Approcci innovativi per il risparmio idrico integrando risorse genetiche e sistemi di monitoraggio della risposta delle piante e di controllo delle condizioni edafiche" BANDO a CASCATA Progetto "National Research Centre for Agricultural Technologies", tematica "Tecnologie dell'Agricoltura (Agritech)" SPOKE 6 - Modelli gestionali per promuovere la sostenibilità e la resilienza dei sistemi agricoli (tot. Fin. 301.000,00 €)
FSE 2023	Participation in the project FSE – 2021-2027 – " <i>Analisi di biostimolanti sostenibili per il miglioramento della resistenza agli stress ambientali</i> ", in the context of the research project "GRANORESILIENTE: Sviluppo di pratiche sostenibili per il miglioramento della resilienza nella coltivazione del grano tenero", CUP B31J23001010002, funded by Veneto Region – Fondo Sociale Europeo in sinergia con il Fondo Europeo di Sviluppo Regionale FSE+ 2021-2027
PRIN PNRR2022	Participation in the call PRIN PNRR 2022 – project code Prot. P2022PYC4A - CUP: B53D23032290001 - <i>New tools for seedlessness in sustainable table grapes. NOSEEDS</i> – Scientific Coordinator: Cinzia Montemurro (UniBA); G. DalCorso is a participant of the UniVR research unit
PNRR 2022 CN5 -	Participation in the National Centre CN00000033 <i>National Biodiversity Future Center – NBFC</i> – on the thematic area of Biodiversity. CUP B33C22000660001 - In particular, Verona University is an affiliate of Spoke n. 6 " <i>Biodiversity and Human wellbeing</i> ", and is among the founding members of the Hub. G. DalCorso is a participant of the UniVR research unit
PRIN 2022	Participation in the call PRIN 2022 – project code 202253N2NY – CUP B53D23016650006 - " <i>Urban parks' biodiversity to enhance city dwellers' health</i> . URBioPark", Scientific Coordinator: Michela Tiboni (UniBS); Head of the Research Unit: G. DalCorso (UniVR – total cost of the research unit: ≈ 70.000€)
Joint Project 2017	Research project entitled " <i>Well-being from plants: potential of resurrection plants for phytocosmetic and phytopharmaceutical applications</i> ". (UniVR – Agripharma Padova - Italy)
Joint Project 2015	Research project entitled " <i>Phyto-reclamation of landfill leachate: from laboratory analyzes to a clean environment</i> ". (UniVR – BioSoil Expert srl Rovereto (TN) – Italy), Resulted publication "Fasani E, DalCorso G et al 2019. doi: 10.1007/s11356-019-04505-7"
Commissioned Research Contract 2013-2014	Research activity in the field of phytoremediation, evaluating the application of plants for remediation of soil contaminated with heavy metals: " <i>Analysis of processes responsible</i>

	<i>for fitness in plant species associated with microorganisms and subjected to environmental stress", commissioned by the company BioSoil Expert srl Rovereto (TN) – Italy)</i>
Joint Project 2012	Research project entitled " <i>Molecular strategies PRO improvement of safe wheat-based foods suitable for GLUTEN-Sensitive people</i> " (PROGLUTENS). (UniVR - Openfields Parma – Italy)
Joint Project 2011	Research project entitled " <i>Production of totipotent cell cultures of plant resurrection for applications in the cosmetic industry</i> "; (UniVR - Laboratorio Fitocosmetico Dott. Furia srl Verona - Italy)
Joint Project 2011	Research project entitled " <i>Development of an efficient protocol for the micropropagation of the resurrection plant Craterostigma plantagineum, optimization of the dehydration / rehydration, packaging and canning phases</i> "; (UniVR - Arnoldi Europe srl Bergamo - Italy)
Joint Project 2008	Research project entitled " <i>Molecular characterization and identification of molecular markers associated with the "low cadmium accumulation" trait in durum wheat</i> ", (UniVR - Società Produttori Sementi spa Bologna - Italy). Resulted publication " DalCorso G et al. 2010 Caratterizzazione di linee di grano duro per l'accumulo di metalli pesanti nella cariosside. In La ricerca SIGRAD sul grano duro: un modello per la filiera. pp 89-98 [Edizioni Avenue media]"

PARTICIPATION IN RESEARCH PROJECTS POSITIVELY EVALUATED BUT NOT FINANCED

MAECI – Italia – Turchia 2024	Project PGR13359 " <i>Strategie innovative per il fitorimedio di terreni contaminati da arsenico: microorganismi selezionati e pioppo editato - Innovative strategies for Arsenic phytoremediation: harnessing microorganisms and edited Poplar ((NoAsPoplar)</i> " - within the framework of the Scientific and Technological Cooperation Agreement between the Government of the Republic of Türkiye and the Government of the Republic of Italy, signed in Rome on February 21st, 2001 - proposal for the third Executive Programme of Scientific and Technological Cooperation for the years 2025 - 2027. Principal investigator G. DalCorso (total budget: 171.054€)
PRIMA 2023	Participation in the call PRIMA 2023 – Topic 2.2.1-2023 (RIA*) A step toward carbon-neutral farms: coupling renewable energy sources with circular farming systems. Project code: <i>PRECISIONBERRY - New strategies towards neutral farming systems to sustain high-quality strawberry production in the Mediterranean area</i> – Scientific Coordinator, Bruno Mezzetti (UnivPM); G. DalCorso is a participant of the UniVR research unit
FEASR 2022	Participation in the writing of the Project: Adattamento del grano duro ai Cambiamenti climatici – Adaptation of Durum Wheat to climate Change – ARCA – (domanda di sostegno n. 5516981) - Fondo europeo agricolo per lo sviluppo rurale. Scientific coordinator: Diana Bellin (UniVR) - G. DalCorso is a participant of the UniVR research unit - positive evaluation (Total score: 76/90)
HORIZON-JU-CBE-2022	Participation in the writing of the Project Upgrading biogas plants to protein biorefineries tailored to produce sustainable protein ingredients for aquaculture and agriculture – EssentialFarm - in the context of the Horizon call Circular Bio-based Europe Joint Undertaking (HORIZON-JU-CBE-2022). Scientific coordinator, Nicola Frison (UniVR) - G. DalCorso is a participant of the UniVR research unit - Positive evaluation (Total score: 13.50/15 (Threshold: 11))
PRIMA 2022	Participation in the writing of the PRIMA Call - Section 2 – Multi-topic 2022 - Topic 2.1.1-2022 (RIA) Prevent and reduce land and water salinization and pollution due to agri-food activities - project title New strategies for precision management of water scarcity and salinization for high-quality strawberry production in Mediterranean area – PRECISIONBERRY . Scientific coordinator, Bruno Mezzetti, UNIVPM - G. DalCorso participates in the UniVR research unit - Positive evaluation at the first step; evaluated 10.17/15.00 at the second evaluation step

HORIZON-MSCA-2021-DN-01	Participation in the writing of call Marie Skłodowska-Curie Actions - Doctoral Networks (DN) " <i>Modulating metal accumulation in plants – CROP MET</i> ". G. DalCorso is a participant of the Research Unit UniVR
PRIN 2020	Participation in the writing of the call (bando PRIN 2020) - project code 2020YPX2JC - " <i>Urban management for improved biodiversity and citizen health - BioDiverCity</i> ", Scientific Coordinator: Michela Tiboni (UniBS); Head of the Research Unit: Giovanni DalCorso (UniVR – total cost of the research unit: ≈160.000€). Positive evaluation (80.7)
PRIN 2010	Participation in the writing of the call (Head of the Research Unit UniVR: Furini Antonella, Scientific Coordinator: Berta Graziella) - G. DalCorso participates in the UniVR research unit – positive evaluation
PRIN 2009	Participation in the writing of the call entitled " <i>From division to cell differentiation: a precise balance between hormonal transport and gene regulation determines plant architecture. An holistic approach by means of NGS (next generation sequencing)</i> " [original title: Dalla divisione al differenziamento cellulare: un preciso equilibrio tra trasporto ormonale e regolazione genica che determina l'architettura della pianta. Un approccio olistico per mezzo del NGS]. - Head of the Research Unit UniVR: Furini Antonella, Scientific Coordinator: Furini Antonella - G. DalCorso is a participant of the UniVR research unit - positive evaluation
PRIN 2008	Participation in the writing of the call " <i>Effects of the interaction between soil, plants and bacteria of the rhizosphere on the phytoextraction of heavy metals from contaminated soils</i> " [original title: Effetti dell'interazione tra suolo, pianta e batteri della rizosfera sui meccanismi di fitoestrazione di metalli pesanti da terreni contaminati] - Head of the Research Unit and Scientific Coordinator: Vallini Giovanni - G. DalCorso is a participant of the UniVR research unit – positive evaluation

UNIVERSITY TEACHING ACTIVITIES

AY 2025/2026	3. Course "Introduction to Genetics and Breeding of Plants" (3 CFU – 30h) – Bachelor's degree in Sustainable Agricultural System (L25) – UNIVERSITY OF BRESCIA 2. Course "Molecular Cell Biology and Biotechnological Applications" (1 CFU - 12h lab) - Master's degree in Agri-Food Biotechnology (LM7) - UNIVERSITY OF VERONA 1. Course "Genetics and biotechnology of no-food crops" (6 CFU - 40h theory – 12h lab) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA
AY 2024/2025	3. Borrowed Course "Introduction to Genetics and Breeding of Plants" (3 CFU – 30h) "<i>Plant Breeding and Genetics</i>" (3CFU – 30h) – Bachelor's degree in Sustainable Agricultural System (L25) – UNIVERSITY OF BRESCIA 2. Course "Molecular Cell Biology and Biotechnological Applications" (1 CFU - 12h laboratory) - Master's degree in Agri-Food Biotechnology (LM7) - UNIVERSITY OF VERONA 1. Course "Genetics and biotechnology of no-food crops" (6 CFU - 48h) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA
AY 2023/2024	2. Course "Methods in Molecular Biology and Genetics" (2 CFU - 16h theory; 3 CFU – 36 h laboratory) - Bachelor's degree in Biotechnology (L2) UNIVERSITY OF VERONA 1. Course "Genetics and biotechnology of no-food crops" (6 CFU - 48h) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA
AY 2022/2023	3. Course "Plant genetics and breeding" (1 CFU - 12h - laboratory) - Bachelor's degree in Viticultural and Oenological Science and Technology (L25) - UNIVERSITY OF VERONA

	2. Course “ <i>Genetics and biotechnology of no-food crops</i> ” (6 CFU - 48h) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA
AY 2021/2022	1. Course “ <i>Plant breeding and Genetics</i> ” (3 CFU – 30h) – Bachelor's degree in Sustainable Agricultural System (L25) – UNIVERSITY OF BRESCIA 5. Course “ <i>Methods in Molecular Biology and Genetics</i> ” (1 CFU – 12h – laboratory) - Bachelor's degree in Biotechnology (L2) - UNIVERSITY OF VERONA 4. Course “ <i>Plant breeding and Genetics</i> ” (3 CFU – 30h) – Bachelor's degree in Sustainable Agricultural System (L25) – UNIVERSITY OF BRESCIA 3. Course “ <i>Genetics and biotechnology of no-food crops</i> ” (6 CFU – 48h) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA 2. Course “ <i>Genetics and plant breeding</i> ” (1 CFU – 12h - laboratory) - Bachelor's degree in Viticultural and Oenological Science and Technology (L25) - UNIVERSITY OF VERONA 1. Course “ <i>Biotechnologie vegetali: applicazioni non alimentari delle piante e il contributo dell'ingegneria genetica</i> ” (1 CFU – 8h) –Tandem Project 2021/2022 - UNIVERSITY OF VERONA
AY 2020/2021	Course “ <i>Genetics and biotechnology of no-food crops</i> ” (6 CFU – 48h) - Master's degree in Biotechnology for Bioresources and Sustainable Development (LM8) - UNIVERSITY OF VERONA
AYs 2010-2018	Co-tutor for laboratory training in <i>Genetics Methodologies</i> , belonging to the course of Microbiology and Genetics Methodologies (Bachelor's degree in Biotechnology L2) – UNIVERSITY OF VERONA
AYs 2016/2017 & 2017/2018	National Project “ <i>PLS di Biologia e Biotechnologie</i> ” – Editions 2016/2017 and 2017/2018 (theory and practical laboratory in Plant Genetics, 10h) – UNIVERSITY OF VERONA
AY. 2014/2015 & AY 2013/2014	Course “ <i>Biology and Didactics of Biology</i> ”, (theory and laboratory, 3 CFU – 18h) - course PAS A059 - <i>Matematica e Scienze nella Scuola Secondaria di I grado</i> - UNIVERSITY OF VERONA . Tutor for the habilitation thesis of A.L. Frassetto, L. De Luca, E. De Bortoli, M. Giacomini, R. Ballan, M. Tympha
AY 2003/2004	Technical supervisor of the course <i>Plant Tissue & Cell Culture</i> (24h), for the Bachelor's degree in Biotechnology (L2). UNIVERSITY OF VERONA

PROJECTS AND ACTIVITIES RELATED TO UNIVERSITY'S 3RD MISSION AND PUBLIC ENGAGEMENT

Jan – feb 2026	4. “Progetto Scoperta” - Espressione genica: dal DNA alle applicazioni biotecnologiche DM 934/22 orientation courses for high school students (15 h – theory and practical laboratory). UNIVERSITY OF VERONA
Oct 2025	3. Participation to the “ Biotech Week 2025 – Biotechnologie a Verona: ieri pionieri, oggi protagonist dell'innovazione ”. Open communication event organised by the Dept. of Biotechnology. UNIVERSITY OF VERONA
May 2025	2. Participation to the Interno Verde Verona 2025 project “20 minuti per...” – outreach microtalks by researchers and PhD students from the Department of Biotechnology, 24 May, 2025, Palazzo Liorsi, Verona - ITALY
Jan 2025	1. “ Progetto Scoperta ” - <i>Espressione genica: dal DNA alle applicazioni biotecnologiche DM 934/22</i> (https://www.mur.gov.it/atti-e-normativa/decreto-ministeriale-n-934-del-03-08-2022), orientation courses for high school students (20 h – theory and practical laboratory). UNIVERSITY OF VERONA

SEMINARS AND INVITED LECTURES (CONGRESSES, PHD SCHOOLS AND OTHERS)

2026	Seminar " <i>Plant and Algae phenotypization</i> " at the PhD School for PhD in Molecular, Industrial and Environmental Biotechnologies – University of Verona - ITALY
2025	2. Oral presentation " <i>Metal Interactions in the Ni Hyperaccumulating Population of Noccaea caerulescens - Monte Prinzera</i> " (Dal Corso G et al.) – 1 st PlantMetals society annual conference , 9 -12 September 2025, České Budejovice – CZECH REPUBLIC 1. Invited Seminar "Phytoremediation, Applying plants to decontaminate polluted environments" at the PhD Summer School organised by the University of Padova – Why do we study plants – 3 -11 July 2025, Padova - ITALY
2022	4. Oral presentation " <i>DNA methylation in the hyperaccumulator Noccaea caerulescens 'Ganges' prevents ROS damages thus increasing Cd hypertolerance</i> " (DalCorso G et al) at the PlantMetals Conference and MC Meeting of the COST Action CA19116 , 30 August – 2 September, 2022, Middle East Technical University, Ankara – TURKEY (ISBN: 978-625-00-9037-4) 3. Oral presentation " <i>The involvement of DNA methylation in enhancing heavy metal hypertolerance</i> " (DalCorso G et al) at the LXV SIGA annual congress , 6-9 September 2022, Piacenza – ITALY (ISBN: 978-88-944843-3-5) 2. Invited Lecture " <i>How plants cope with metal stress: from exclusion to hyperaccumulation</i> " for the Course: PLANT STRESS PHYSIOLOGY, hold within the project RESIST , 21 April 2022, Center of Plant Systems Biology and Biotechnology (CPSBB), BULGARIA 1. Lecture " <i>Genome Inte(g)ra(c)tion: the Plant Cell</i> ", PhD school in Biotechnology, 11 February 2022, University of Verona - ITALY
2021	2. Oral presentation for poster discussion " <i>Comparative analysis between Arabidopsis thaliana and the metal hyperaccumulator Arabidopsis halleri identifies micro-RNA associated with nutrient homeostasis, development and stress response</i> " (DalCorso G et al), LXIV SIGA annual congress . 14/16 September, 2021, ONLINE 1. Lecturer of the module " <i>In vitro cultures and plant regeneration</i> " during the theoretical-practical SIGA course "Assisted Evolution Technologies: CRISPR/Cas9 in agricultural plants", held at the Department of Biotechnology of the University of Verona (ITALY) - 31 August – 3 September, 2021
2018	Oral presentation " <i>The Arabidopsis thaliana transcription factor MYB59 regulates calcium signaling during plant growth and stress response</i> " (Fasani E, DalCorso G , Costa A, Zenoni S, Furini A), LXII SIGA annual congress , 25-28 September 2018, Verona, ITALY (ISBN 978-88-904570-8-1) – DalCorso has presented this work
2011	Invited Lecture " <i>Epigenetica</i> " during the Molecular Biology Course organized by the PhD school - Scuola di dottorato in scienze della vita e della salute, 26 September 2011, University of Verona, ITALY
2009	Invited Lecture " <i>L'utilizzo di piante modificate geneticamente per il fitorimedio di suoli contaminati</i> " at the National School "Trattamenti naturali di depurazione: l'uso delle piante per la riqualificazione dei suoli ed il miglioramento della qualità delle acqua", 26-29 October, 2009, Florence (ITALY) (in substitution of Prof. A. Furini)
2007	Invited Lecture " <i>PPP7: a novel component of cyclic electron flow around PSI</i> ". SFB Meeting , 29-30 November 2007, Ludwig-Maximilians-Universität München (GERMANY)

SUPERVISION OF STUDENTS

Dr. DalCorso, as tutor or co-tutor, has followed more than 20 Ph.D. students and bachelor

PhD thesis

1. Tutor of H. Zhang PhD – 40° ciclo PhD in Molecular, Industrial and Environmental Biotechnologies.

and master thesis students during their internships in the laboratory and contributed to developing the projects and interpreting the experimental results of the PhD students who have worked in the lab.

2. Co-tutor of D. Villa PhD – 40° ciclo PhD in Molecular, Industrial and Environmental Biotechnologies

Bachelor and Master Thesis Tutor (Docente Relatore)

10. E. Bovo: *Validazione di marcatori molecolari da utilizzare per il miglioramento genetico di cipolla*. Laurea magistrale in Biotecnologie Agroalimentari (LM7), AA 2024/2025
9. S. Cardin: *La chinasi atipica ABC1K2 è coinvolta nella risposta allo stress e nella germinazione in Arabidopsis thaliana*. Corso di laurea in Biotecnologie per le Biorisorse e lo Sviluppo Sostenibile (LM8), AA 2024/2025
8. A. Limonta: *Integrative analysis of physiological, morphological, and gene expression responses to biostimulants in hydroponically grown Solanum lycopersicum cv. Micro-Tom under Salt Stress*. Corso di laurea magistrale in Biotecnologie per le Biorisorse e lo Sviluppo Ecosostenibile (LM8), AA 2024/2025
7. G. Carlini. *Valutazione del grado di resistenza ad Alternaria spp tramite biosaggio in linee di pomodoro da Industria*. Corso di laurea in Biotecnologie (L2), AA 2023/2024
6. Z. Syed Kazmi. *Applicazione di due strategie di assemblaggio per la creazione di costrutti CRISPR-Cas9 per il knock-out genetico in Arabidopsis thaliana*. Corso di laurea in Biotecnologie (L2), AA 2023/2024
5. E. D'Iseppi: *Studio del ruolo del gene candidato ACP4 nella Regolazione della morte cellulare ipersensibile in Arabidopsis thaliana*. Corso di laurea magistrale in Biotecnologie per le Biorisorse e lo Sviluppo Ecosostenibile (LM8), AA 2022/2023
4. M. Dolfini: *Caratterizzazione del gene Abc1K2 in Arabidopsis thaliana*. Corso di laurea magistrale in Biotecnologie per le Biorisorse e lo Sviluppo Ecosostenibile (LM8), AA 2021/2022
3. C. Bonomo: *Analisi di espressione di trasportatori di metalli nella specie Noccaea caerulea*. Corso di Laurea in Biotecnologie (L2), AA 2021/2022
2. E.G. Di Leo: *Valutazione della relazione tra iperaccumulo di Ni e stress abiotico in Noccaea caerulea*. Corso di laurea magistrale in Biotecnologie per le Biorisorse e lo Sviluppo Ecosostenibile (LM8), AA 2021/2022
1. G. Spirito: *Studio delle forme del gene MTP1 in Noccaea caerulea ecotipo Monte Prinzera*. Corso di Laurea in Biotecnologie (L2), AA 2020/2021

Bachelor and Master Thesis Co-tutor (Docente Correlatore)

14. S. Ruffini: *Mitigazione dello stress salino in pomodoro mediante l'impiego di biostimolanti*. Laurea in Biotecnologie [L2]. AA. 2024/2025
13. E. Zanolla: *Analisi del ruolo del gene candidato ACP4 nel processo di morte cellulare ipersensibile in Arabidopsis thaliana*. Corso di Laurea Triennale in Biotecnologie, AA 2022/2023
12. A. Secondini: *Effetto dell'espressione del gene ZRC1 di Saccharomyces cerevisiae in Arabidopsis thaliana e Populus alba (cv. Villafranca) in risposta a cadmio e zinco*. Corso di Laurea Magistrale in Biotecnologie Agro-Alimentari, AA 2018/2019
11. M. Paloschi: *Studio dell'espressione genica del gene MYB59 in Arabidopsis halleri*. – Corso di Laurea Triennale in Biotecnologie, AA 2016/2017
10. A. Cuccurullo: *Studio dell'effetto del Cadmio sull'espressione di geni indotti da stress idrico in specie di Resurrection Plants* – Corso di Laurea in Biotecnologie, AA 2014/2015
9. A. S. Finocchiaro: *Studio del promotore pHMA3 di Arabidopsis halleri* – Corso di Laurea in Biotecnologie, AA 2014/2015
8. L. Veghini: *Analisi funzionale del promotore di HMA3 di Arabidopsis halleri tramite mutagenesi sito-diretta* – Corso di Laurea in Biotecnologie, AA 2014/2015

7. L. Allari: *Complementazione funzionale di un mutante, con deficit respiratorio, con la proteina di Arabidopsis thaliana AtSIA1* - Corso di Laurea in Biotecnologie, A.A. 2013/2014
6. S. Piasentin: *Studio delle proteine di membrana ZIP6 e ZIP9 di Arabidopsis thaliana* - Corso di Laurea Magistrale in Biotecnologie Agro-Alimentari, A.A. 2011/2012
5. S. Negri: *Functional characterization of two Zip proteins involved in metal accumulation in Arabidopsis thaliana* - Corso di Laurea Magistrale in Biotecnologie Agro-Alimentari, A.A. 2012/2013
4. A. Tosi: *Trasformazione di Nicotiana tabacum con i geni CzcA e CzcB del sistema di trasporto CzcCBA di Pseudomonas putida e verifica della risposta al trattamento con il cadmio* - Corso di Laurea in Biotecnologie, A.A. 2010-2011
3. P. Berti: *Studio del fattore di trascrizione AtMYB48/59 di Arabidopsis thaliana: - identificazione ed analisi del doppio mutante AtMYB48-AtMyb59 – espressione eterologa della proteina AtMYB59 in Escherichia coli per preparazione di anticorpi* - Corso di Laurea in Biotecnologie Agro-Industriali, A.A. 2009-2010
2. G. Livorno: *Studio dei geni β CA1 e At5g22580 potenzialmente coinvolti nell'accumulo di cadmio in Arabidopsis thaliana e nella specie iperaccumulatrice Arabidopsis halleri* - Corso di Laurea Specialistica in Biotecnologie Agro-Industriali, A.A. 2007-2008
1. A. Pavoni: *Studio dei geni VSP2 e FIB in risposta al cadmio* - Corso di Laurea Specialistica in Biotecnologie Agro-Industriali, A.A. 2007-2008

EDITORIAL ACTIVITIES

Since June 2025	Editorial Board Member for BMC PLANT BIOLOGY (https://bmcpplantbiol.biomedcentral.com/about/editorial-board)
Since Feb 2024	Section Board Member for AGRONOMY (https://www.mdpi.com/journal/agronomy/editors?search=dalcorso)
2024	2. Invited Editorial entitled Epigenetics of Heavy Metal Stress and Response in Plants. Giannelli G, Fasani E, DalCorso G. FRONTIERS IN BIOSCIENCE (Schol Ed) 2024, 16(2), 13. https://doi.org/10.31083/j.fbs1602013 1. Invited as Editorial Board member on the Editorial Board of PLANT EPIGENETICS (specialty section of Frontiers in Epigenetics and Epigenomics) - https://www.frontiersin.org/journals/epigenetics-and-epigenomics/sections/plant-epigenetics/editors
2023	Guest Editor , together with Gangrong Shi, of the Special Issue " <i>Heavy Metal Accumulation and Detoxification in Plants</i> " published on PLANTS, belonging to the section "Plant Physiology and Metabolism" – submission deadline 31 July, 2023 - https://www.mdpi.com/journal/plants/special_issues/93B7O6U15W
2021 - 2022	2. Guest Editor for the Special Issue " <i>Biofortification and phytoremediation</i> " published on FRONTIERS IN BIOSCIENCE-SCHOLAR - submission deadline April, 2022 - https://www.imrpress.com/journal/FBS/special_issues/1453196816484323330 1. Guest Editor for the Special Issue " <i>Metal Pollution in the Environment</i> " published on ADVANCES IN ENVIRONMENTAL AND ENGINEERING RESEARCH – submission deadline April, 2022 - https://www.lidsen.com/journals/aeer/aeer-special-issues/metal-pollu-environ
since 2020	Member of the Reviewer Board for <i>Plants</i> (ISSN: 2223-7747)
since April 2021	Member of the Editorial Board for <i>Frontiers in Bioscience-Scholar</i>
2015-2018	Academic Editor for <i>British Biotechnology Journal</i>
2014	Guest Editor for the Research Topic " <i>Environmental Phytoremediation: Plants and Microorganisms at Work</i> " published on <i>Frontiers in Plant Science</i> - 29/11/2013 - https://www.frontiersin.org/research-topics/2489/environmental-phytoremediation-plants-and-microorganisms-at-work

2014	Contribution to Chapter 4 “ <i>Le biotecnologie ambientali</i> ”. In <i>Biotecnologie</i> , pp 109-121, 2014, Ed. Pagano, Kreuzer, Massey - Scienze Zanichelli
2012	Author of the chapter “ <i>Heavy Metal toxicity in plants</i> ” in <i>Plants and Heavy Metals</i> . pp 1-25, 2012, Springer briefs in Molecular Science – Springer
2010	Author of the chapter “ <i>Caratterizzazione di linee di grano duro per l'accumulo di metalli pesanti nella cariosside</i> ” in <i>La ricerca SIGRAD sul grano duro: un modello per la filiera</i> . pp 89-98, 2010, Edizioni Avenue media

CONGRESS AND PHD SCHOOL ORGANIZATION

2026	International Training school - <i>Metal nanomaterials as tools for optimizing plant-soil relationships: from fertilisers to biofortification</i> – organized in the context of the PlantMetals – planned for 26 – 28 August 2026 (https://plantmetals.net/plantmetals-events.html)
2018	Member of the local organizing committee for the national LXII annual SIGA congress - 25-28 September 2018 – Verona (Italy)
2008	Member of the local organizing committee for the international COST859 congress - 5-6 June 2008 – Verona (Italy)

PRIZES, SCIENTIFIC ACTIVITY RECOGNITIONS AND MEMBERSHIPS IN ACTIONS AND SOCIETIES

Sept 2025	Included in the 2025 edition of the prestigious World's Top 2% Scientists ranking, produced by Stanford University in collaboration with Elsevier (https://topscinet.com/)
July 2025	Project evaluator for the UK Research and Innovation (UKRI) – commissioned evaluation of research proposals (n. 1 projects evaluated in 2025)
June 2025	Project evaluator for the National Science Centre Poland – commissioned evaluation of research proposals (n. 1 projects evaluated in 2025)
April -May 2025	Project evaluator of proposals submitted to the French National Research Agency (ANR) in the frame of the <i>Appel à projets générique 2025</i> (n. 1 project evaluated in 2025)
Since Jan 2025	Member of the PlantMetal Society – <i>Trace metal metabolism in plants</i> (https://plantmetals.net/plantmetals-members.html)
Since Feb 2024	Member of the Faculty Board of the PhD program (40° - 41 cycle) in Molecular, Industrial and Environmental Biotechnologies (corso di dottorato in Biotecnologie Molecolari, Industriali ed Ambientali)
2023	Project evaluator for the National Science Centre Poland – commissioned evaluation of research proposals (n. 2 projects evaluated in 2023)
2022	Member of the Management Committee for the COST Action CA19116 , <i>Trace metal metabolism in plants</i> (PLANTMETALS) (June 2022 - September 2022)
Oct 2020 - Oct 2024	Member of the COST Action CA19116 “TRACE METAL METABOLISM IN PLANTS” https://www.cost.eu/actions/CA19116/#tabs+Name:Working%20Groups%20and%20Membership
Since 2008	Member of the Italian Society of Plant Genetics (SIGA)
2008	FÖRDERPREIS 2008 - Prize received from the Ludwig-Maximilians-Universität, 536th Stiftungsfest, 27 June 2008 (München, Germany): Ph.D. thesis

REVIEWER ACTIVITIES

Dr. DalCorso has been reviewer for a variety of Journals, herein listed

BMC Research notes / Environmental and Experimental Botany / Planta / Plos One/ Frontiers in Plant Science / Plant, Cell & Environment / Plant Cell Reports / New Phytologist / Acta Physiologiae Plantarum / Biological Trace Element Research / BMC Genomics / Botany / Environmental Science and Pollution Research / Environmental Science & Technology / Journal of Plant Biology & Soil Health / Metallomics / Molecular Biotechnology / Plant and Soil / Plant Growth Regulation / Plant Physiology and

LANGUAGES KNOWLEDGE

OTHER LANGUAGES

- Reading
- Writing
- Oral Expression

Italian [Mother tongue]

ENGLISH	GERMAN	SPANISH
Excellent	Elementary	Elementary
Very Good	Elementary	Elementary
Very Good	Elementary	Elementary

PUBLICATIONS

Dr. DalCorso is co-author of **40 Scopus-indexed papers**, published in international peer-reviewed journals.

Scopus h index = 24

42. Fasani E, Cardin S, Commisso M, Gecchele E, De Benedictis M, Di Sansebastiano GP, Bellin D, Furini A and **DalCorso G. 2025** ABC1K2 is involved in stress response and secondary metabolism during seed development in *Arabidopsis thaliana*. PLANT CELL REPORTS, 44, 249. <https://doi.org/10.1007/s00299-025-03645-0>
41. Fasani E, Franceschi C, Furini A, **DalCorso G. 2025** Effect of biostimulants combined with foliar fertilization on the nutritional value of wheat grains. BMC PLANT BIOLOGY, 25: 736. <https://doi.org/10.1186/s12870-025-06804-3>
40. Gannelli G, Fasani E, **DalCorso G. 2024** Epigenetics of Heavy Metal Stress and Response in Plants. FRONTIERS IN BIOSCIENCE (Scholar Edition) 16(2), 13. <https://doi.org/10.31083/j.fbs1602013>
39. Fasani E, Zamboni A, Sorio D, Furini A, **DalCorso G. 2023** Metal Interactions in the Ni Hyperaccumulating Population of *Noccaea caerulescens* Monte Prinzer. BIOLOGY, 12, 1537. <https://doi.org/10.3390/biology12121537>
38. Fasani E, Giannelli G, Varotto S, Visioli G, Bellin D, Furini A, **DalCorso G. 2023** Epigenetic Control of Plant Response to Heavy Metals. PLANTS, 12, 3195. <https://doi.org/10.3390/plants12183195>
37. Broccanello C, Bellin D, **DalCorso G**, Furini A, Taranto F. **2023** Genetic approaches to exploit landraces for improvement of *Triticum turgidum* ssp. durum in the age of climate change. FRONTIERS IN PLANT SCIENCE, 14: 1101271; doi: 10.3389/fpls.2023.1101271
36. Galati S*, **DalCorso G***, Furini A, Fragni R, Maccari C, Mozzoni P, Giannelli G, Buschini A, Visioli G. **2023** DNA methylation is enhanced during Cd hyperaccumulation in *Noccaea caerulescens* ecotype Ganges. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 30(10):26178-26190; <https://doi.org/10.1007/s11356-022-23983-w>.
- * *The authors are considered first co-authors*
35. Fasani E, Li M, Varotto C, Furini A, **DalCorso G 2022** Metal Detoxification in Land Plants: From Bryophytes to Vascular Plants. State of the Art and Opportunities. PLANTS, 11, 237; <https://doi.org/10.3390/plants11030237>
34. Fasani E*, **DalCorso G***, Zorzi G, Agrimonti C, Fragni R, Visioli G, Furini A. **2021** Overexpression of ZNT1 and NRAMP4 from the Ni hyperaccumulator *Noccaea caerulescens* population Monte Prinzer in *Arabidopsis thaliana* perturbs Fe, Mn and Ni accumulation. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE, 22, 11896; <https://doi.org/10.3390/ijms222111896>.
- * *The authors contributed equally to the work*
33. Fasani E, **DalCorso G**, Zorzi G, Vitulo N, Furini A **2021** Comparative analysis identifies micro-RNA associated with nutrient homeostasis, development and stress response in *Arabidopsis thaliana* upon high Zn and metal hyperaccumulator *Arabidopsis helleri*. PHYSIOLOGIA PLANTARUM, 1–15; <https://doi.org/10.1111/ppl.13488>

32. Fasani E, **DalCorso G**, Furini A **2021** MYB59 transcription factor behaves differently in metallicolous and non-metallicolous populations of *Arabidopsis halleri*. FUNCTIONAL PLANT BIOLOGY. May 11; doi: 10.1071/FP20356
31. **DalCorso G.**, Martini F., Fasani E. et al. **2021** Enhancement of Zn tolerance and accumulation in plants mediated by the expression of *Saccharomyces cerevisiae* vacuolar transporter ZRC1. PLANTA 253, 117; <https://doi.org/10.1007/s00425-021-03634-z>
30. Galati S, Gulli M, Giannelli G, Furini A, **DalCorso G**, Fragni R, Buschini A, Visioli G. **2020** Heavy metals modulate DNA compaction and methylation at CpG sites in the metal hyperaccumulator *Arabidopsis halleri*. ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, 2021, 62(2), 133–142
29. Manara A, Fasani E, Furini A and **DalCorso G**. **2020** Evolution of the metal hyperaccumulation and hypertolerance traits. PLANT CELL AND ENVIRONMENT, 2020, 43(12), 2969–2986; <https://doi.org/10.1111/pce.13821>
28. De Caroli M, Furini A, **DalCorso G**, Rojas M, Di Sansebastiano, GP. **2020** Endomembrane Reorganization Induced by Heavy Metals. PLANTS 9, 482
27. Manara A, Fasani E, Molesini B, **DalCorso G**, Pennisi F, Pandolfini T, Furini A. **2020** The tomato metalloprotease inhibitor I, which interacts with a heavy metal-associated isoprenylated protein, is implicated in plant response to cadmium. MOLECULES 25, 3: 700; <https://doi.org/10.3390/molecules25030700>
26. Fasani E, **DalCorso G**, Furini A. **2019** Combining Folate and Zn Biofortification in Fennel. HERALD JOURNAL OF FOOD SCIENCE AND NUTRITION 5: 047; DOI: 10.24966/FSN-1076/100047
25. **DalCorso G** Fasani E, Manara A, Visioli G, Furini A. **2019** Heavy Metal Pollutions: State of the Art and Innovation in Phytoremediation. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES 20, 3412; doi:10.3390/ijms20143412
24. Fasani E*, **DalCorso G***, Zerminiani A, Ferrarese A, Campostrini P, Furini A. **2019** Phytoremediatory efficiency of *Chrysopogon zizanioides* in the treatment of landfill leachate: a case study. ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH. 26: 10057-10069; doi: 10.1007/s11356-019-04505-7
- * *The authors contributed equally to the work*
23. Fasani E*, **DalCorso G***, Costa A, Zenoni S, Furini A. **2019** The *Arabidopsis thaliana* transcription factor MYB59 regulates calcium signalling during plant growth and stress response. PLANT MOLECULAR BIOLOGY. 99, 517–534
- * *The authors contributed equally to the work*
22. Fasani E, Manara A, Martini F, Furini A, **DalCorso G**. **2018** The potential of genetic engineering of plants for the remediation of soils contaminated with heavy metals. PLANT CELL AND ENVIRONMENT 41, 1201-1232
21. Fasani E, **DalCorso G**, Varotto C, Li M, Visioli G, Mattarozzi M and Furini A. **2017** The MTP1 promoters from *Arabidopsis halleri* reveal cis-regulating elements for the evolution of metal tolerance. NEW PHYTOLOGIST 214, 1614-1630
20. Nesler A, **DalCorso G**, Fasani E, Manara A, Di Sansebastiano GP, Argese E, Furini A. **2017** Functional components of the bacterial CzcCBA efflux system reduce cadmium uptake and accumulation in transgenic tobacco plants. NEW BIOTECHNOLOGY 35, 54-61
19. Manara A*, **DalCorso G*** and Furini A. **2016** The Role of the Atypical Kinases ABC1K7 and ABC1K8 in Abscissic Acid Responses. FRONTIERS IN PLANT SCIENCE 7:366; doi: 10.3389/fpls.2016.00366
- * *The authors contributed equally to the work*

18. Furini A, Manara A, **DalCorso G**. **2015** Editorial: Environmental phytoremediation: Plants and microorganisms at work. *FRONTIERS IN PLANT SCIENCE* 6, 520
17. Manara A*, **DalCorso G***, Guzzo F, Furini A. **2015** Loss of the atypical kinases ABC1K7 and ABC1K8 changes the lipid composition of the chloroplast membrane. *PLANT CELL PHYSIOLOGY* 56(6): 1193-204
- * *The authors contributed equally to the work*
16. **DalCorso G**, Manara A, Piasentin S, Furini A. **2014** Nutrient metal elements in plants. *METALLOMICS* 6, 1770-1788
15. Manara A*, **DalCorso G***, Leister D, Jahns P, Baldan B, Furini A. **2014** AtSIA1 and AtOSA1: two Abc1 proteins involved in oxidative stress responses and iron distribution within chloroplasts, *NEW PHYTOLOGIST* 201, 452–465
- * *The authors contributed equally to the work*
14. **DalCorso G**, Fasani E, Furini A. **2013** Recent advances in the analysis of metal hyperaccumulation and hypertolerance in plants using proteomics. *FRONTIERS IN PLANT SCIENCE* 4, article 280; doi: 10.3389/fpls.2013.00280
13. **DalCorso G**, Manara A, Furini A. **2013** An overview of heavy metal challenge in plants: from roots to shoots. *METALLOMICS* 5: 1117-32
12. Manara A*, **DalCorso G***, Baliardini C, Farinati S, Cecconi D and Furini A. **2012** *Pseudomonas putida* response to cadmium: changes in membrane and cytosolic proteomes. *JOURNAL OF PROTEOME RESEARCH* 11: 4169-79
- * *The authors contributed equally to the work*
11. Farinati S*, **DalCorso G***, Panigati M and Furini A. **2011** Interaction between selected bacterial strains and *Arabidopsis halleri* modulates shoot proteome and cadmium and zinc accumulation. *THE JOURNAL OF EXPERIMENTAL BOTANY* 62: 3433-3447
- * *The authors contributed equally to the work*
10. Maistri S, **DalCorso G**, Vicentini V and Furini A. **2011** Cadmium affects the expression of ELF4, a circadian clock gene in *Arabidopsis*. *ENVIRONMENTAL AND EXPERIMENTAL BOTANY* 72: 115-122
9. **DalCorso G**, Farinati S and Furini A. **2010** Regulatory networks of cadmium stress in plants. *PLANT SIGNALLING AND BEHAVIOUR* 5: 663-667
8. Farinati S, **DalCorso G**, Varotto S and Furini A. **2010** The *Brassica juncea* BjCdR15, an ortholog of *Arabidopsis* TGA3, is a regulator of cadmium uptake, transport and accumulation in shoots and confers cadmium tolerance in transgenic plants. *NEW PHYTOLOGIST* 185: 964-978
7. Farinati S, **DalCorso G**, Bona E, Corbella M, Lampis S, Cecconi D, Polati R, Berta G, Vallini G and Furini A. **2009** Proteomic analysis of *Arabidopsis halleri* shoots in response to the heavy metals cadmium and zinc and rhizosphere microorganisms. *PROTEOMICS* 21: 4837-4850
6. **DalCorso G**, Farinati S, Maistri S and Furini A. **2008** How plants cope with Cadmium: staking all on metabolism and gene expression. *JOURNAL OF INTEGRATIVE PLANT BIOLOGY* 50: 1268-1280
5. **DalCorso G**, Pesaresi P, Masiero S, Aseeva E, Schünemann D, Finazzi G, Joliot P, Barbato R and Leister D. **2008** A complex of PGRL1 and PGR5 is involved in the switch between linear and ferredoxin-dependent cyclic electron flow. *CELL* 132: 273-285
4. **DalCorso G**: Characterization of the Novel Photosynthetic Protein PPP7 involved in Cyclic Electron Flow around PSI. Fakultät für Biologie, LMU München, 2007 – **PhD thesis** - <https://edoc.ub.uni-muenchen.de/7823/>

3. Noutsos C, Kleine T, Armbruster U, **DalCorso G** and Leister D. **2007** Nuclear insertions of organellar DNA can create novel patches of functional exon sequences. *TRENDS IN GENETICS* 12: 597-601
2. **DalCorso G**, Borgato L and Furini A. **2005** *In vitro* plant regeneration of the heavy metal tolerant and hyperaccumulator *Arabidopsis halleri* (Brassicaceae). *PLANT CELL, TISSUE AND ORGAN CULTURE* 82: 267-270
1. Fusco N, Micheletto L, **DalCorso G**, Borgato L and Furini A. **2005** Identification of Cadmium-regulated genes by cDNA-AFLP in the heavy metal accumulator *Brassica juncea*. *JOURNAL OF EXPERIMENTAL BOTANY* 56: 3017-3027

POSTER PRESENTATION AT NATIONAL AND INTERNATIONAL CONGRESSES

37. Maienza A, Massetti L, Carletti P, **DalCorso G**, Pandolfini T, Gallese F, Bertolazzi A, Nota M, Tiboni M. BIODIVERSITY AND ECOSYSTEM SERVICES OF URBAN PARKS: THE MULTIDISCIPLINARY APPROACH OF THE URBIO PARK PROJECT – **LWC 2025 - XXVII International Conference** “Living and Walking in Cities”, Brescia, Italy, 11 - 12 September 2025
36. Tiboni M, Amatucci A, Bertolazzi A, Carletti P, **DalCorso G**, Gallese F, Maifredi G, Maienza A, Massetti L, Nota M, Pandolfini T, Renella G, Ventura V, Zani C. THE URBIO PARK PROJECT: BRIDGING BIODIVERSITY, URBAN PUBLIC SPACES QUALITY AND PUBLIC HEALTH. **LWC 2025 - XXVII International Conference** “Living and Walking in Cities”, Brescia, Italy, 11 - 12 September 2025
35. - Carletti P, Tomasello B, Maienza A, Massetti L, **DalCorso G**, Pandolfini T, Gallese F, Bertolazzi A, Nota M, Tiboni M, Renella G. SOIL AND PLANT BIODIVERSITY IN URBAN PARKS: EVIDENCE FROM A MULTIDISCIPLINARY CASE STUDY IN NORTHERN ITALY. **XLIII SICA Congress** – Padua - Italy, 23-25 June 2025
34. Ambrosini S, **DalCorso G**, Zamboni A. BOTANICAL EXTRACTS IN SUSTAINABLE AGRICULTURE: INSIGHTS FROM A LARGE SCREENING AND THE CASE OF *ECHINUM VULGARE* - **Forum nazionale della Biodiversità NBCF - La Biodiversità è la soluzione** - Milano – Italy, 19-22 May 2025
33. Maci S, Mora R, Bellin D, **DalCorso G**, Nitti A, Pirolo CS, Dellino M, Miazzi MM, Fanelli V, Montemurro C. NUOVE TECNICHE DI COLTURA IN VITRO PER I PROGRAMMI DI EDITING MOLECOLARE DELLA VITA - V Convegno Nazionale sulla Micropropagazione **VitroSOI 2024** – Viterbo – Italy, 14-16 October 2024
32. Fasani E, Visioli G, Furini A, **DalCorso G**. FORMS OF THE METAL TRANSPORTERS MTP1 IN *NOCCAEA CAERULESCENS* MONTE PRINZERA. In Proceedings of the Annual general conference of the **COST ACTION 19116** – PlantMetals – Ljubljana – Slovenia, 17-20 September 2024
31. Mora R, **DalCorso G**, Pettene M, Calzolari G, Maci S, Montemurro C, Bellin D. ESTABLISHING FUNCTIONAL ANALYSIS OF *VvINO* IN *VITIS VINIFERA* THROUGH A CRISPR/CAS9-MEDIATED KNOCKOUT APPROACH. In Proceedings of the **LXVII SIGA Annual Congress**, p.2.73, ISBN: 978-88-944843-5-9, Bologna - Italy, 10-13 September 2024
30. Cau N, Franceschi C, Limonta A, Pozzati M, Furini A, **DalCorso G**. NEW BIOSIMULANTS FOR ENHANCED SALT-STRESS IN TOMATO AND WHEAT. In Proceedings of the **LXVII SIGA Annual Congress**, p.7.12, ISBN: 978-88-944843-5-9, Bologna - Italy, 10-13 September 2024
29. Ambrosini S, Zanotto L, **DalCorso G**, Zamboni A. BOTANICAL EXTRACTS FOR SUSTAINABLE AGRICULTURAL PRACTICES: SCREENING OF BIOSIMULANT AND

- ANTIGERMINATION COMPOUNDS. In Proceedings of the **Forum Nazionale della Biodiversità NBCF**, p.A9, Palermo - Italy, 20-21 May 2024
28. Fasani E, Furini A, Franceschi C, Modena A, **DalCorso G** DEVELOPMENT OF FERTILIZATION APPROACHES FOR EFFICIENT MINERAL NUTRITION IN BREAD WHEAT. In Proceedings of the LXVI **SIGA** Annual Congress, p.2.12, ISBN: 978-88-944843-4-2, Bari - Italy, 5-8 September 2023
 27. **DalCorso G**, Fasani E, Zamboni A and Furini A. RELATIONSHIP BETWEEN METALS IN *NOCCAEA CAERULESCENS* MONTE PRINZERA. In Proceedings of the ICOBTE/ICHMET Joint Conference, Wuppertal – Germany, 6-10 September 2023
 26. Pasetti M, **DalCorso G**, Folloni S, Bellin D, Broccanello C, Furini A. EVOLUTIONARY POPULATIONS AS A MODEL FOR STUDYING ADAPTATION STRATEGIES TOWARDS DROUGHT-STRESS. In Proceedings of the LXV **SIGA** Annual Congress, p. 5.21, ISBN: 978-88-944843-3-5, Piacenza - Italy, 6-9 September 2022
 25. **DalCorso G**, Fasani E, Zorzi G, Vitulo N, Furini A. COMPARATIVE ANALYSIS BETWEEN *ARABIDOPSIS THALIANA* AND THE METAL HYPERACCUMULATOR *ARABIDOPSIS HALLERI* IDENTIFIES MICRO-RNA ASSOCIATED WITH NUTRIENT HOMEOSTASIS, DEVELOPMENT AND STRESS RESPONSE. In Proceedings of the LXIV **SIGA** Annual Congress, ISBN: 978-88-944843-2-8, Online, 14-16 September, 2021
 24. Martini F, **DalCorso G**, Salt D, Furini A. FUNCTIONAL ANALYSIS OF THREE *ARABIDOPSIS THALIANA* ZIP GENES: ZIP4, ZIP6 AND ZIP9. In: Proceedings of the LXII **SIGA** Annual Congress. p. 5.11, ISBN: 978-88-904570-8-1, Verona, 25-28 September, 2018
 23. Manara A, **DalCorso G**, Furini A. THE ROLE OF THE *ARABIDOPSIS THALIANA* ATYPICAL KINASES ABC1K2 AND ABC1K9 IN STRESS RESPONSE. In: Proceedings of the LXII **SIGA** Annual Congress. p. 5.19, ISBN: 978-88-904570-8-1, Verona, 25-28 September, 2018
 22. Zorzi G, **DalCorso G**, Furini A. IDENTIFICATION AND ANALYSIS OF GENES INVOLVED IN NICKEL TOLERANCE IN *NOCCAEA CAERULESCENS*. In: Proceedings of the Joint Congress **SIBV SIGA**. p. 5.42, ISBN: 978-88-904570-7-4, PISA, 19-22 September 2017
 21. Fasani E, **DalCorso G**, Zenoni S, Costa A, Furini A. A MYB TRANSCRIPTION FACTOR PARTICIPATES IN CA SIGNALING IN *ARABIDOPSIS THALIANA*. In: Proceedings of the Joint Congress **SIBV-SIGA**. p. 5.20, ISBN: 978-88-904570-7-4, Pisa, 19-22 September 2017
 20. Fasani E, **DalCorso G**, Furini A. THE PROMOTER OF VACUOLAR METAL TRANSPORTER IN *ARABIDOPSIS HALLERI*: AN EXAMPLE OF EVOLUTION FOR METAL HYPERTOLERANCE/HYPERACCUMULATION. In: Proceedings of the Joint Congress **SIBV-SIGA**, Milano. p. 1, ISBN: 978-88-904570-5-0, 8-11 September 2015
 19. **DalCorso G**, Manara A, Furini A. THE ROLE OF ABC1K7 AND ABC1K8, TWO ABC1K KINASES OF *ARABIDOPSIS THALIANA*. In: Proceedings of the Joint Congress **SIBV-SIGA**, Milano. p. 1, ISBN: 978-88-904570-5-0, 8-11 September 2015
 18. Fasani E, **DalCorso G**, Furini A. EVOLUTIONARY ROLE OF A VACUOLAR METAL TRANSPORTER FOR HYPERTOLERANCE/HYPERACCUMULATION IN *ARABIDOPSIS HALLERI*. In: Proceeding of the XIII **FISV** Congress - Pisa, Italy, 24-27 September 2014
 17. Fasani E, **DalCorso G**, Varotto C, Li M, Furini A. DIVERSE CIS-REGULATION OF A VACUOLAR METAL TRANSPORTER IN *ARABIDOPSIS THALIANA* AND *ARABIDOPSIS HALLERI*. In: Proceedings of the V Congress **SIBV**. vol. 1, p. 60, Foggia, 18-20 September 2013
 16. Manara A, **DalCorso G**, Furini A. THE INVOLVEMENT OF TWO PLASTIDIAL *ARABIDOPSIS THALIANA* ABC1 KINASES IN IRON DISTRIBUTION AND OXIDATIVE STRESS RESPONSE. In: Proceedings of the V Congress **SIBV**. vol. 1, p. 60, Foggia, 18-20 September 2013

15. Nesler A, **DalCorso G**, Furini A. CONTROLLING TRACE ELEMENTS ENTERING THE FOOD CHAIN VIA PLANTS. In: Proceedings of the 57th Annual Congress **SIGA**, Foggia, 16-19 September 2013
14. Nesler A, **DalCorso G**, Furini A. CONTROLLING HEAVY METAL ACCUMULATION IN PLANTS. In: Proceedings of the Joint Congress **AGI-SIBV-SIGA**. ISBN: 9788890457029, Assisi, 19-22 September 2011
13. Manara A, **DalCorso G**, Furini A. PCP1 AND ATOSA1: PLASTIDIAL PROTEINS INVOLVED IN OXIDATIVE STRESS RESPONSE AND METAL HOMEOSTASIS IN ARABIDOPSIS CHLOROPLASTS. In: Proceedings of the Joint Congress **AGI-SIBV-SIGA**. ISBN: 9788890457029, Assisi, Italy, 19-22 September 2011
12. Manara A, **DalCorso G**, Furini A. PCP1 AND ATOSA1: PROTEINS INVOLVED IN CHLOROPLAST IRON HOMEOSTASIS IN ARABIDOPSIS. In: **COST ACTION FA 0905** Mineral Improved Crop Production for Healthy Food and Feed. What's for lunch? Nutrients and minerals in every day food How the knowledge on mineral nutrition of plants can improve human nutrition. Venezia, 23-26 November 2011
11. Manara A, **DalCorso G**, Furini A. CHARACTERIZATION OF AN ABC1-LIKE GENE OF *ARABIDOPSIS THALIANA*. In: Proceedings of the Congress **SIBV** - Roma, Italy, 12-14 July 2010
10. Farinati S, **DalCorso G**, Bona E, Furini A. CHARACTERIZATION OF A BZIP TRANSCRIPTION FACTOR RESPONSIBLE FOR Cd UPTAKE AND TRANSLOCATION TO THE SHOOT IN TRANSGENIC PLANTS AND IDENTIFICATION OF GENES INVOLVED IN HEAVY METALS TOLERANCE AND HYPERACCUMULATION IN *ARABIDOPSIS HALLERI*. In: **Phytotechnology to promote sustainable land use and improve food safety**. Ascona, Switzerland, 12-16 October 2009
9. Manara A, **DalCorso G**, Furini A. CHARACTERIZATION OF AN ARABIDOPSIS ABC1-LIKE GENE. In: Proceedings of the Congress 53 **SIGA**. ISBN: 9788890062292 Torino, Italy, 16-19 September 2009
8. Farinati S, Corbella M, **DalCorso G**, Furini A. IDENTIFICATION OF GENES AND PROTEINS INDUCED BY HEAVY METALS IN HYPERACCUMULATOR PLANTS UNDER THE INFLUENCE OF RHIZOBACTERIA. In: Proceedings of 52 **SIGA** Congress. Padova, 15-17 September 2008
7. Maistri S, **DalCorso G**, Furini A. CHARACTERIZATION OF ATMYB59 TRANSCRIPTION FACTOR. In: Proceedings of the 52nd **SIGA** Annual Congress - Padova, 14-17 September 2008
6. Farinati S, Corbella M, Maistri S, **DalCorso G**, Livorno G, Pavoni A, Zeriniani A, Furini A. IDENTIFICATION OF PROTEINS INDUCED BY Cd AND Zn IN *ARABIDOPSIS HALLERI* IN THE PRESENCE OF RHIZOBACTERIA. In: **COST 859** Genes and proteins involved in limiting steps of phytoextraction and degradation of pollutants. Verona, 5-6 June 2008
5. Furini A, Farinati S, **DalCorso G**. THE *BRASSICA JUNCEA* TRANSCRIPTION FACTOR BJCDR15 ENHANCES CADMIUM TOLERANCE AND ACCUMULATION IN TRANSGENIC *ARABIDOPSIS* AND TOBACCO. In: **European Workshop: Fate of Pollutants in the plant/rhizosphere system**. Vilnius (Lithuania), 30 May – 1 June 2007
4. Furini A, Fusco N, Micheletto L, **DalCorso G**, Borgato L. IDENTIFICATION OF CADMIUM-REGULATED GENES BY CDNA-AFLP ANALYSIS IN THE HEAVY METAL ACCUMULATOR *BRASSICA JUNCEA* L. In: **Phytotechnology to promote sustainable land use and improve food safety**. Pisa, 14-16 June 2005
3. Furini A, Fusco N, **DalCorso G**, Micheletto L, Borgato L. TRANSCRIPTION PROFILE OF GENES INDUCED BY CADMIUM IN *BRASSICA JUNCEA*. In: **Phytoremediation: OECD**

Environmental and Molecular Biological Aspects. Mátarah, Hungary, 9-12 September 2004

2. **DalCorso G**, Fusco N, Micheletto L, Borgato L, Furini A. STUDY OF GENES INDUCED BY CADMIUM IN *BRASSICA JUNCEA*. In Proceedings of the XLVIII **SIGA – SIFV/SIGA** Joint Meeting, Lecce, 15-18 September 2004

1. Fusco N, **DalCorso G**, Borgato L, Furini A. TRANSCRIPTION PROFILE OF GENES INDUCED BY CADMIUM IN *BRASSICA JUNCEA* FOR PHYTOREMEDIATION. In: Proceedings of the XLVII SIGA Annual Congress, Verona, 24-27 September 2003

MISCELLANEOUS

Dec 2025	Member of the evaluating committee of the PhD thesis of V. Artico for the Ph.D. course in Crop Science - University of Padova
Nov 2025	Member of the evaluating committee of the PhD thesis of S. Potestio for the Ph.D. course in Biotechnology and Bioscience (ciclo XXXVIII), University of Parma.
Mar 2023	Member of the evaluating committee of the PhD thesis of G. Giannelli for the Ph.D. course in Biotechnology and Bioscience (ciclo XXXV), University of Parma.
Apr 2021 – Dec 2021	Reviewer for the products awarded as part of the <i>Valutazione della Qualità della Ricerca (Funzione di revisore</i> per la VQR 2015-19);
Since 2020 - ongoing	Member of the Board of the Department of Biotechnology (University of Verona)
2009 – 2018	(three proxies) Representative of the Administrative/Technical Staff at the Council of the Department of Biotechnology (University of Verona)
Since 2017 - ongoing	Member of active commissions at the Department of Biotechnology (University of Verona)
2012-2015	Three-year period 2012 - 2015 (one mandate): TA Personnel Representative in the Board of the Department of Biotechnology (University of Verona)

Dichiaro che quanto riportato nel presente curriculum corrisponde a verità e che le dichiarazioni rese sono rilasciate ai sensi degli articoli 46 e 47 del D.P.R. 445/2000.

Verona, 28.01.2026

Giovanni DalCorso

