

Curriculum Vitae

PERSONAL INFORMATION

NAME AND SURNAME

Sara Del Duca



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Gender: female | Birthday: 05/09/1993 | Nationality: Italian

DEGREE

PhD

PROFESSIONAL EXPERIENCE

January 2023 – in progress

Researcher (fixed-term) - Council for Agricultural Research and Economics (CREA-AA)

January 2022 – December 2022

Postdoctoral research fellowship - University of Florence (founded by FABT)

November 2018 – January 2022

PhD – University of Florence associated with University of Parma

November 2021

State exam and qualification to the profession of Biologist

April 2018 - October 2018

Research fellowship - University of Florence

ADDITIONAL EXPERIENCES

January 2021 – in progress

Guest Editor – 2 Special Issues on Microorganisms (MDPI) and 1 on Soil Systems (MDPI)

January 2020 - May 2023

Teaching – Lessons and seminars for the Degree course in Biology (UniFI)

May 2018 – June 2023

Thesis supervisor – 15 students from University of Florence

January 2020 – December 2022

Member of the Council of the Degree course in Biology – UniFI

May 2018 – December 2022

Member of Degree Commissions – 13 Degree Commissions (UniFI)

May 2018 – December 2022

Internship and thesis tutor – 15 students from University of Florence

EDUCATION

November 2018 – January 2022

PhD in Evolutionary Biology and Ecology | Excellent - University of Parma

December 2015 – February 2018

Master Degree in Biology | 110L/110 - University of Florence

October 2012 - December 2015

Bachelor Degree in Biological Sciences | 110L/110 - University of Florence

PERSONAL SKILLS

Native language

Italian

Other languages

English (level B2)

- Professional skills**
- Scientific papers, reports and projects writing
 - Oral presentation of data and teaching
 - Mastery of molecular biology and microbiology laboratory techniques
 - Usage of basic soil physicochemical analysis techniques
 - Mastery of Microsoft Office programs (Word, Excel, PowerPoint)
 - Use of bioinformatic software and R environment for statistics and NGS data analysis
 - Basic knowledge of QGIS software

FURTHER INFORMATION

- List of publications**
- 2024
- Del Duca, S., Mocali, S., ... Landi, S. (2024). Land, 13(5), 599.
 - Esposito, A., Del Duca, S., ... Zaccaroni, M. (2024). Microorganisms, 12(2), 320.
 - Vitali, F., Frascella, A., Semenzato, G., Del Duca, S., ... Emiliani, G. (2023). Antibiotics, 12(7), 1179.
 - Del Duca, S., Vassallo, A., Semenzato, G., & Fani, R. (2023). Gene, 147533.
 - Del Duca, S., Semenzato, G., Esposito, A., Liò, P., & Fani, R. (2023). Genes, 14(4), 949.
 - Semenzato, G., Del Duca, S., ... Fani, R. (2023). International Journal of Molecular Sciences, 24(5), 4845
 - Romeo, L., ... Fani, R.*, Del Duca, S.* (2023). Microorganisms, 11(1), 215. *corresponding authors
- 2023
- Semenzato, G., Del Duca, S., Vassallo, A., ... Fani, R. (2023). Industrial Crops and Products, 191, 115997.
- 2019-2022
- 19 publications on peer-reviewed scientific journals: 4 first author, 3 shared fist author, 12 co-author
- Patents**
- Maggini, V., Bogani, P., ..., Del Duca, S., Firenzuoli, F. (2020). Method and kit for the identification of material deriving from *Echinacea purpurea* in a sample. Patent n. 102018000009433.
- Attended congresses and seminars**
- 2024
- Congress: "EJP-SOIL MINOTAUR final meeting", 4-6/11/2024, Florence (Italy) – Oral pres.
 - Congress: "AISSA #UNDER40", 26-27/06/2024, Florence (Italy) – Oral pres.
 - Congress: "EJP-SOIL 4th Annual Science Days", 10-14/06/2024, Vilnius (Lithuania) – Oral+poster pres.+poster session guide
 - Congress: "Centennial of the IUSS", 19-21/05/2024, Florence (Italy) – Oral+poster pres.
 - Seminar: "XIV Ciclo della Scuola di Biodiversità e Bioindicazione", 17/10/2023, Brescia (Italy) – Oral pr.
 - Congress: "EJP-SOIL MINOTAUR mid-term meeting", 4-6/10/2023, Rennes (France) – Oral pres.
- 2023
- Congress: "XXXIV SIMGBM Congress", 21-24/09/2023, Cagliari (Italy) – Oral+poster pres.
- 2018-2022
- Oral presentation at 3 national congresses and 1 seminar, poster presentation at 2 national congresses and 1 international congress
- Organization of events**
- Congress: "EJP-SOIL MINOTAUR final meeting", 4-6/11/2024, Florence (Italy)
 - Educational event: "Fascination of plants day", 09/04/2024, CREA (Fagna farm), Florence (Italy)
 - Seminar: "BioFriday 2022 – A 200 anni dalla nascita di Mendel", 14/10/2022, Univ. of Florence (Italy)
- Awards**
- Scholarship grant for studies in molecular and cellular biology (Fondazione Adriano Buzzati-Traverso, FABT) for the year 2022
 - Grant as third classified for the best publication in the field of genetics, genomics and molecular biology of microorganisms (founded by FABT), with the article "Del Duca, S., ... Fani, R. (2020). *Microorganisms*, 8(5), 732.
- Groups and associations**
- Member of the Italian Society of Soil Sciences (SISS) and International Union of Soil Sciences (IUSS)
 - Member of the Italian Society of General Microbiology and Microbic Biotechnologies (SIMGBM)

AUTHORIZATION FOR PERSONAL DATA TREATMENT

I give consent to process my data with the purpose of the recruitment process, in accordance to the Regulation of the European Parliament 679/2016, regarding the protection of natural persons and free movement of such data

Florence, 09/11/2024

Sora Del Duca