

CV NICOLA BALDONI

PERSONAL INFORMATION

Name: Nicola Baldoni

PROFILE

I would like to fit into the working life in order to have the opportunity to discover and research, with innovative projects never done before. Indeed, since my thesis work, I've learned how rewarding it is to work on a project that had never been done before, bringing something new to the world. ROAD TO INNOVATION.

EDUCATION

- 2018 - 2021 MSc in Agricultural and Environmental Biotechnology
Università degli Studi di Perugia
- Relevant courses: Biotechnologies applied to vivaistic activity, Biometrical genetics, Advanced Plant and Animal Breeding, Industrial and Environmental Microbiology, Biotechnologies applied to crop and seed production, Fundamentals of tartuficoltura.
 - Thesis degree: "MICROPROPAGATION AND INOCULATION WITH TUBER BORCHII VITTAD. OF EXPLANTS OF LINDEN"
 - Final grade: 110/110
- 2013 -2018 Biotechnology Bachelor
Università degli Studi di Perugia
- Relevant courses: Fundamentals of bioinformatics and biostatistics, Functional and structural genomics, Molecular genetics and principles of genetics, Molecular biology, Physical chemistry, Agricultural Economics.
 - Thesis degree: "EFFECT OF AN ANALOGUE OF CURCUMIN ON THE EXPRESSION OF LYSOSOMAL GLICOHYDROLASES"
 - Final grade: 91/110
- 2008 - 2013 Liceo Scientifico G. Marconi Foligno (PG)

PROFESSIONAL EXPERIENCE

- 06/2021 - 05/2022 Winner of the competition for research grant at Università degli Studi di Perugia in Department of Agricultural, Food and Environmental Sciences. Carrying out research activities for the project entitled: "Monitoraggio biotico e abiotico delle tecniche applicate nelle tartufige naturali e coltivate ex-ante".

- 03/2021 - 04/2021 Internship at Università degli Studi di Perugia
- Implemented biometric measurements and control of mycorrhized plants with *T. magnatum pico*.
 - DNA extraction of mycorrhiza of *T. melanosporum Vittad.*, *T. magnatum pico*, for certification.
 - Produced an amplification by PCR and electrophoresis on agarose gel.
- 10/2020 - 04/2021 Collaborated closely with M. Micheli and D. Donnini for the thesis work: "Micropropagation and Inoculation with *Tuber Borchii Vittad.* of explants of linden". This project will be developed within the laboratories of the Università degli Studi di Perugia, in the near future.
- Preparation of culture media for *in vitro* cultures.
 - Improvement in the use of different rooting techniques, both classical condition in agar, and rooting in mixed "*vitro-vivo*" conditions.
 - Conducted research on the inoculation with *Tuber Borchii Vittad.* of young micropropagate explants.
- 02/2021 – 05-2021 Collaboration at the SOCIETA' AGRICOLA SFASCIA GIULIANO, where I carried out maintenance and monitoring of the truffle maker. Mainly I have done pruning operations of truffle plants and improvement of traditional cultivation techniques according to the current pedoclimatic situation.
- 10/2017 - 04/2018 Thesis work within the laboratory of Molecular Biology and Molecular Biochemistry.
- Bacterial transformation.
 - PCR Real Time
 - DNA extraction and quantification. RNA extraction.
 - Immunoblot analysis and Dot Blot.

EXTRACURRICULAR ACTIVITIES

- 2000 - 2021 Football player from the age of 6 with several clubs. In 2018 I served as a coach, for a team of kids in my own club, too. Moreover, for hobby I practice other sports like tennis, padel, basket.
- 2018 - 2021 My hobby is the Tartuficulture and I practice it in my free time, both in my truffle maker and in the free truffle makers. Moreover, I love going into the woods to pick mushrooms.
- 2013 - 2019 Often in the summer I worked as a volunteer waiter in a local institution, but also in other festival as paid-to-call waiter.

SKILL

- Languages: English (B2), French (B1)
- Software: Excel advanced, Word advanced, Access base, R project, Past3, GenAIEx
- Teamwork and sense of leadership