

PERSONAL INFORMATION

Name **SIMONE DI PIAZZA**
Address **UNIVERSITA' DEGLI STUDI DI GENOVA
CORSO EUROPA 26, GENOVA - 16132**
Telephone **010 3538240**
SCOPUS links <https://www.scopus.com/authid/detail.uri?authorId=37053752400>
Other link <https://rubrica.unige.it/personale/UkNGXVJo>
E-mail **simone.dipiazza@unige.it**

WORK EXPERIENCE

- Dates (from - to) July 2021-today
• Name and address of the employer University of Genoa – Department of Earth, Environmental and Life Sciences
• Occupation or position held **Researcher – Applied Botany (BIO/03)**
• Main activities and responsibilities Research and teaching activity in Applied Mycology.
- Dates (from - to) May 2015 – June 2020
• Name and address of the employer University of Genoa – Department of Earth, Environmental and Life Sciences
• Occupation or position held **Research Fellow – Applied Botany (BIO/03)**
• Main activities and responsibilities Molecular characterisation and cryopreservation of fungal strains isolated from extreme environments and different matrices. Mycology applied to the circular economy, mycorecovery and mycoremediation.
- Dates (from - to) June-July 2018
• Name and address of the employer Fellowship at the Westerdijk Fungal Biodiversity Institute in Utrecht (NL).
• Occupation or position held **Research Fellowship – Applied Botany (BIO/03)**
• Main activities and responsibilities Isolation and mycological characterization of various products derived from composting processes at Applied and Industrial Mycology group headed by Dr. Jos Houbraken.
- Dates (from - to) February 2014– January 2015
• Name and address of the employer University of Turin - Department of Life Sciences and Systems Biology
• Occupation or position held **Research Fellow**
• Main activities and responsibilities Assessment of the fungal biodiversity of subterranean systems and relations with Quaternary glaciations
- Dates (from - to) September 2012 – September 2013
• Name and address of the employer University of Genoa– Department of Earth, Environmental and Life Sciences
• Occupation or position held **Research Fellow – Applied Botany (BIO/03)**
• Main activities and responsibilities Field research, identification of hypogean fungi, database management and website implementation, characterisation of the fungal production areas and demonstration plots of the Amycoforest project (ALCOTRA n°153).

EDUCATION AND TRAINING

- Dates (from - to) 2012
• Name and type of organisation providing education and training University of Genoa
• Principal subjects/occupational skills covered Use of ectomycorrhizal plants with Tuber spp. for the enhancement of marginal land in Val Bormida (western Liguria)
• Title of qualification awarded **PhD in “Botany applied to the environment and agriculture”**

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

2003-2008
University of Genoa

Experimental degree thesis on application of high performance mycorrhizal plants for the environmental restoration.
Graduate in Natural Sciences

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): applied mycology, fungal biodiversity, molecular identification, mycoremediation, extremophilic fungi.
- Lecturer of 7 academic courses or modules since 2014 (i.e. Botany, Systematic Botany, Mycology, Marine Mycology).
- Organization and Communication at national and international congresses (more than 20 communications).
- Co-supervisor of 8 university theses (three-year, specialist and master's).

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Member of the Ligurian Committee of the Italian Botanical Society.
- Member of the "Commissione Paritetica Docenti-Studenti di Scuola di Scienze MFN" (Joint Commission for Teaching and the Right to Study of the School of Mathematical, Physical and Natural Sciences) University of Genoa.
- Responsible of 10 research contracts funded by public and private bodies.

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 46
- TOTAL NUMBER OF CITATIONS: 563
- H-INDEX: 13

10 MOST RELEVANT
PUBLICATIONS
In the last 10 years.

1. DI PIAZZA S., BENVENUTI M., DAMONTE G., CECCHI G., MARIOTTI M.G., ZOTTI M. 2021. Fungi and Circular Economy: *Pleurotus ostreatus* Grown on a Substrate with Agricultural Waste of Lavender, and Its Promising Biochemical Profile. *Recycling* 2021, 6, 40. Doi: <https://doi.org/10.3390/recycling6020040>
2. CECCHI G., DI PIAZZA S., ROSATTO S., MARIOTTI M.G., ROCCOTIELLO E., ZOTTI M. 2021A Mini-review on the co-growth and interactions among microorganisms (fungi and bacteria) from rhizosphere of metal-hyperaccumulators. *Frontiers Fungal Biology* Doi: <https://DOI.ORG/10.3389/FFUNB.2021.787381>
3. CROUS P.W., COWAN D.A., MAGGS-KOLLING G., YILMAZ N., THANGAVEL R., WINGFIELD M.J., NOORDELOOS M.E., DIMA B., BRANDRUD T.E., JANSEN G.M., MOROZOVA O.V., VILA J., SHIVAS R.G., TAN Y.P., BISHOP-HURLEY S., LACEY E., MARNEY T.S., LARSSON E., LE FLOCH G., LOMBARD L., NODET P., V. HUBKA, ALVARADO P., BERRAF-TEBBAL A., REYES J.D., DELGADO G., EICHMEIER A., JORDAL J.B., KACHALKIN A.V., KUBÁTOVÁ A., MACIÁ-VICENTE J.G., MALYSHEVA E.F., PAPP V., RAJESHKUMAR K.C., SHARMA A., SPETIK M., SZABÓOVÁ D., TOMASHEVSKAYA M.A., ABAD J.A., ABAD Z.G., ALEXANDROVA A.V., ANAND G., ARENAS F., ASHTEKAR N., BALASHOV S., BAÑARES Á., BARONCELLI R., BERA I., BIKETOVA A.YU., BLOMQUIST C.L., BOEKHOUT T., BOERTMANN D., BULYONKOVA T.M., BURGESS T.I., CARNEGIE A.J., COBO-DIAZ J.F., CORRIOL G., CUNNINGTON J.H., DA CRUZ M.O., DAMM U., DAVOODIAN N., SANTIAGO A.L.C.M., DEARNALEY J., DE FREITAS L.W.S., DHILEEPAN K., DIMITROV R., DI PIAZZA S., ET AL. 2021. Fungal Planet description sheets: 1182–1283. *Persoonia - Molecular Phylogeny and Evolution of Fungi*, Volume 46, December 2021, pp. 313-528 (216). Doi: <https://doi.org/10.3767/persoonia.2021.46.11>
4. GRECO G., CUTRONEO L., DI PIAZZA S., CAPELLO M., ZOTTI M. 2020. Trapping of marine-derived fungi on wooden baits to select species potentially usable in mycoremediation *Italian Journal of Mycology* 49: 101-115.
5. DI PIAZZA S., HOUBRAKEN J., MEIJER M., CECCHI G., KRAAK B., ROSA E., ZOTTI M. 2020. Thermotolerant and Thermophilic Mycobiota in Different Steps of Compost Maturation. *Microorganisms* 2020, 8, 880. Doi: <https://doi.org/10.3390/microorganisms8060880>
6. CROUS P.W. COWAN D.A. MAGGS-KÖLLING G. YILMAZ N. LARSSON E. ANGELINI C. BRANDRUD T.E., DEARNALEY J.D.W., DIMA B., DOVANA F., FECHNER N., GARCÍA D., GENÉ J., HALLING R.E., HOUBRAKEN J., LEONARD P., LUANGSA-ARD J.J., NOISRIPOOM W., REA-IRELAND A.E., ŠEVČÍKOVÁ H., SMYTH C.W., VIZZINI A., ADAM J.D., ADAMS G.C., ALEXANDROVA A.V., ALIZADEH A., ÁLVAREZ DUARTE E., ANDJIC V., ANTONÍN V., ARENAS F., ASSABGUI R., BALLARÀ J., BANWELL A., BERRAF-TEBBAL A., BHATT V.K., BONITO G., BOTHA W., BURGESS T.I., CABOÑ M., CALVERT J., CARVALHAIS L.C., COURTECUISSÉ R., CULLINGTON P., DAVOODIAN N., DECOCK C.A., DIMITROV R., DI PIAZZA S., ET AL. Fungal Planet description sheets: 1112–1181. *Persoonia - Molecular Phylogeny and Evolution of Fungi*, Volume 45, December 2020, pp. 251-409(159). Doi: <https://doi.org/10.3767/persoonia.2020.45.10>
7. DI PIAZZA S., ZOTTI M., BARRANCO R., CECCHI G., GRECO G., VENTURA F. 2018. Post-mortem fungal colonization pattern during 6 weeks: two case studies. *Forensic Science International* 289: 18-23. Doi: <https://doi.org/10.1016/j.forsciint.2018.05.037>
8. DI PIAZZA S., ISAIA M., VIZZINI A., BADINO G., VOYRON S., ZOTTI M. 2017 First mycological assessment in Hydrothermal Caves of Monte Kronio (Sicily, Southern Italy). *Webbia*. Doi: <https://doi.org/10.1080/00837792.2017.1347368>
9. MAMMOLA S., DI PIAZZA S., ZOTTI M., BADINO G., ISAIA M., 2017. Human-induced alterations of the mycobiota in an Alpine show cave (Italy, SW-Alps). *Acta Carsologica* 46 (1):111– 123. Doi: <https://doi.org/10.3986/ac.v46i1.2531>
10. ZOTTI M., DI PIAZZA S., ROCCOTIELLO E., LUCCHETTI G., MARIOTTI M.G., MARESCOTTI P., 2014. Microfungi in highly copper-contaminated soils from an abandoned Fe–Cu sulphide mine: Growth responses, tolerance and bioaccumulation. *Chemosphere*, 117: 471-476, Doi: 10.1016/j.chemosphere.2014.08.057

PATENTS

ZOTTI M., GIOVINE M., CARDINALE A., CARBONE C., DI PIAZZA S., CECCHI G., MARIOTTI M.G. 2015. Microfungi for metal recovery (mycomining). European patent application n.116182075.8 submitted by University of Genoa.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Last update 19.12.2022