PERSONAL INFORMATION

Chiara Alisi

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- https://scholar.google.it/citations?hl=it&user=G2yF8M8AAAAJ
- https://www.scopus.com/authid/detail.uri?authorId=13103443300
- https://orcid.org/0000-0002-9849-2861

Sex Female | *Date of birth* 19/02/1963 | *Nationality* Italian

Enterprise	University	EPR
☐ Management Level	☐ Full professor	☐ Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
☐ Mid-Management Level	☐ Associate Professor	☒ Level III Researcher and Technologist
☐ Employee / worker level	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	☐ Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

2000-PRESENT

Researcher
ENEA-Casaccia, via Anguillarese 301, 00123 Rome, Italy

Main areas of research: environmental microbiology; microbial biotechnology applied to the bioremediation of polluted sites; biocleaning of cultural heritage.
Research

June -July-2004

Visiting Researcher
Belgian Nuclear Research Centre (B-2400-Mol, Belgio)
Experimental activity on the study of heavy metals resistant bacteria
Research

1995-1999

Oversea Expert
Institute for Science and Technology, Research and Development, Chiang Mai University, Chiang Mai 50200, Thailand
Research grant (from Royal Project Funds) on the identification of Curcuma plant genus by means of molecular markers (1995-1998);
Cooperation with the Department of Nuclear Physics on the application of low-energy ion beam technique on the transformation of biological materials (1998-1999)
Academia

EDUCATION AND TRAINING

1989-1992

PhD in Plant Biology
"Statale", University of Milan, Italy.
Plant Physiology and Biochemistry

1987-1988

Certificate for professional practice
"La Sapienza", University of Rome, Italy
Post-lauream training in Plant Biochemistry on purification and characterization of plant enzymes

1983-1987 **MSc in Biological Sciences**
"La Sapienza", University of Rome, Italy
Plant Biology

WORK ACTIVITIES

Tutoring activities
Scientific supervisor of 2 ENEA research fellowships, 1 international felloship
Tutor of 9 MSc and Master thesis (Sapienza, Tuscia, and Roma3)
Evaluator for national projects (Miur-Cineca)

Awards
2017- Special Award Fondazione Dragotto – Green Conservation of Cultural Heritage
2015- Premio Smart Communities- SMAU 2015
2008- Premio Eccellenze ENEA

Editorial activity
Author of 37 journal articles, 10 book chapters, 11 Extended abstracts and 2 books as Editor, Referee for PLOSone, Microbial Ecology, Journal of Environmental Management, Biochemical Engineering Journal, Ecotoxicology and Environmental Safety, Environmental Science and Pollution Research, Journal of Hazardous Materials, Biodegradation, ScienceAsia, Environmental Technology

Invited presentations
Member of scientific committee of 1 international conferences. Invited lecturer at 1 international conference

Grants
5xmille-Biorestauro 2023-2024;Progetti Grande Rilevanza 00971- 2018; PGR 00784-2019; PGR 01082-2020

Patents
Co-author of the European patent PCT/IT 2014/000246. "Biotechnology process for the removal of cohesive deposits of organic and inorganic origin from materials and works of historical and artistic interest".

PERSONAL SKILLS

MOTHER TONGUE ITALIAN
OTHER LANGUAGES ENGLISH (FLUENT), SPANISH (FLUENT), THAI (BASIC)

ADDITIONAL INFORMATION

Publications
Total number of publications in peer-review journals : 39
total Impact Factor (IF) 57 (average IF/paper),4,75
Total number of citations: 1403
H index (Scopus):21

Relevant publications

1. Paganin, P., Isca, C., Tasso, F. et al. A bacterial formula with native strains as alternative to chemical fertiliser for tomato crop. Plant Growth Regul (2023). https://doi.org/10.1007/s10725-023-00993-3
2. Alisi, C.; Magrini, D.; Vettori, S.; Salvadori, B.; Vincenti, M.; Manna, D.; Bietti, M.; Sprocati, A.R. Sustainable Restoration Guided by Scientific and Archival Investigations: The Bio-Cleaning of Lorenzo Duke of Urbino's Sarcophagus, a Michelangelo's Masterpiece in the Medici Chapels. Heritage 2022, 5, 3359–3373. https://doi.org/10.3390/heritage5040172
3. Macchia, A.; Aureli, H.; Biribicchi, C.; Docci, A.; Alisi, C.; Prestileo, F.; Galiano, F.; Figoli, A.; Mancuso, R.; Gabriele, B.; La Russa, M.F. In Situ Application of Anti-Fouling Solutions on a Mosaic of the Archaeological Park of Ostia Antica. Materials 2022, 15, 5671. https://doi.org/10.3390/ma15165671
4. Alisi, C., Bacchetta, L., Bojorquez, E., Falconieri, M., Gagliardi, S., Insaurralde, M., Falcon Martinez, M.F., Meza Orozco, A., Persia, F., Procacci, S. and Tatì, A.(2022). Sustainable additives from Opuntia mucilage in restoration mortars. Acta Hortic.1343,

435-442. DOI:10.17660/ActaHortic.2022.1343.55.
5. Al-Tarawneh, A., Khleifat, K.M., Tarawneh, I.N. Shiyyab, K, l El-Hasan,T, Sprocati, AR, Alisi,C, Tasso, F, & Alqaraleh, M. Phenol biodegradation by plant growth promoting bacterium, S. odorifera: kinetic modeling and process optimization. Arch Microbiol 204, 104 (2022). https://doi.org/10.1007/s00203-021-02691-y
6. Paganin, P., Alisi, C., Dore, E., Fancello, D., Marras, P.A., et al. 2021. Microbial Diversity of Bacteria Involved in Biomineralization Processes in Mine-Impacted Freshwaters. Frontiers in Microbiology. Doi: 10.3389/fmicb.2021.778199
7. Alisi, C.; Bacchetta, L.;Bojorquez, E.; Falconieri, M.;Gagliardi, S.; Insaurralde, M.;Martinez, M.F.F.; Orozco, A.M.;Persia, F.; Sprocati, A.R.; et al. (2021) Mucilages from Different Plant Species Affect the characteristics of Bio-Mortars for Restoration. Coatings, 11, 75. https://doi.org/10.3390/coatings11010075
8. Matteo Mazzoni, Chiara Alisi, Flavia Tasso, Adele Cecchini, Paola Marconi, Anna Rosa Sprocati (2014) Laponite micro-packs for the selective cleaning of multiple coherent deposits on wall paintings: The case study of Casina Farnese on the Palatine Hill (Rome-Italy), International Biodeterioration & Biodegradation, 94: 1-11.
9. Anna Rosa Sprocati, Chiara Alisi , Flavia Tasso, Alessia Fiore , Paola Marconi , Francesca Langella , Götz Haferburg, Andrei Nicoara, Aurora Neagoe, Erika Kothe (2014) Bioprospecting at former mining sites across Europe: microbial and functional diversity in soils. Environ Sci Pollut Res21(11):6824–6835. DOI 10.1007/s11356-013-1907-3
10. S. Wernitznig, W. Adlassnig , A. R. Sprocati, K. Turnau, A. Neagoe, C. Alisi , S. Sassmann , A. Nicoara, V. Pinto, C. Cremisini & I. Lichtscheidl (2014) Plant growth promotion by inoculation with selected bacterial strains versus mineral soil supplements. Environ Sci Pollut Res 21:6877–6887 DOI 10.1007/s11356-013-1928-y
11. Anna Rosa Sprocati, Chiara Alisi, Valentina Pinto, Maria Rita Montereali, Paola Marconi, Flavia Tasso, Katarzyna Turnau, Giovanni De Giudici, Katarzyna Goralska, Marta Bevilacqua, Federico Marini, Carlo Cremisini. (2014) Assessment of the applicability of a "toolbox" designed for microbially assisted phytoremediation: the case study at Ingurtosu mining site (Italy). Environ Sci Pollut Res 21(11):6939-51 DOI 10.1007/s11356-013-2154-3

Projects

Principal investigator: 5xmille ENEA "Biorestauro" 2023-2024; Progetto Mobilità Italia-Messico 2018-2020 (MAECI); **Scientific coordinator**: Progetti Grande Rilevanza 00971-2018; PGR 00784-2019; PGR 01082-2020, **WP Leader**: ERANETMED2-72-094 SUPREME2018-2022; **Participant**: POR Sardegna FESR 2014/2020: BIOSA, TESTARE, CESA; SMACH 2021-2022, KEP n°304.4.41-20;
SMERI 2013-2015, UMBRELLA FP7-ENV- N° Project 226870 2009-2012 , MIPAAF (IT) V.E.R.O.BIO (2010-2013). TIDe (IT) 2002-2006, FIRB (IT) 2002-2005

Principal investigator: Progetto Mobilità Italia-Messico 2018-2020 (MAECI); "Realizzazione di biomateriali per il restauro sostenibile dei beni culturali attraverso la valorizzazione di specie vegetali multifunzionali: Opuntia ficus-indica e Capsicum spp." 2018-2021

Scientific coordinator: Progetti Grande Rilevanza 00971- 2018; PGR 00784-2019; PGR 01082-2020,

WP Leader and scientific coordinator for the ENEA unit: ERANETMED2-72-094 "SUPREME Developing tools for SUstainable food PRoduction in mEditerranean area using MicrobEs" 2018-2022;

Participant:

PE3- RETURN (PNRR) 2022-2025, VS4

POR Sardegna FESR 2014/2020:

- TESTARE (TEcnologie e STrumenti di cARatterizzazione e gestione avanzata dell'ambientE), https://sites.unica.it/testare/; tecniche per la caratterizzazione, il monitoraggio, la bonifica di suoli contaminati e il recupero dei suoli degradati, in collaborazione con Università di Cagliari;
- CESA (Centro di Eccellenza per la Sostenibilità Ambientale-Accordo di Programma tra la Regione Autonoma della Sardegna, Università degli Studi di Cagliari, I.G.E.A. S.p.A. e Consorzio AUSI)
- BIOtecnologie, strumenti di caratterizzazione e Sistemi tecnologici Avanzati per l'ambiente (BIOSA)
- Progetto Cluster Top-Down SMERI "Sviluppo di MEtodologie per la progettazione di interventi di bioRImedio"POR SARDEGNA FESR 2007-2013

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

Rome, 30.11.2023