PERSONAL INFORMATION

Affiliation: ENEA Research Center Casaccia
Department: Sustainability of Productive and Territorial Systems SSPT PROTER OEM
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flavia.tasso@enea.it

Sex female | *Date of birth* 22/11/1975 | *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	☐ X 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

From December 2010 to today

Level III Researcher

ENEA

- Exploitation of environmental microbial strains for the bioremediation of polluted soils, for a sustainable agriculture and for biorestoration of artworks

Environmental microbiology

From July 2003 to December 2010

Research grant

ENEA

- Study of microorganisms and microbial communities from natural ecosystems and contaminated sites for bioremediation applications

Environmental microbiology

From June 2001 to January 2003

Young Researcher

Merck-Serono Italy

- Development and validation of microbiological quality control tests on drugs

Farmaceutical quality control

EDUCATION AND TRAINING

February 2001

Certificate of Professional Practice in Biology

University Tor Vergata Rome

May 2001

Master Degree in Biology cum laude

University Sapienza Rome

WORK ACTIVITIES Microbiology and microbial ecology applied to the exploitation of environmental microbial strains for the bioremediation of polluted soils (mining tails, abandoned industrial sites etc.) and for a sustainable agriculture. Development of sustainable restoration technologies based on the use of microorganisms, microbial products and phyto-derivatives

Awards 2015 Premio Smart Communities, 2008 Premio Eccellenze ENEA

Invited presentations April 2023 Accademia Nazionale dei Lincei "La collezione microbica ENEA come strumento per un restauro sostenibile"

May 2023 Ricerca, sviluppo e applicazioni per i Beni Culturali

Patents European patent EP 3046779. "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(s) Italian

Other language(s) English, LISTENING: B2 READING: C1 UNDERSTANDING: C1 SPOKEN PRODUCTION: B1 SPOKEN INTERACTION: B2 WRITING C1

Job-related skills good work organization skills, promotes the integration of newcomers

Digital skills Microsoft office

ADDITIONAL INFORMATION

Publications total number of publications in peer-review journals 19
total number of citations 433
H index 10

P. PAGANIN, C. Alisi, E. Dore, D. FAncello, PA Marras, D. Medas, MR MONTEREALI, S. NAITZA, N. RIGONAT, AR. SPROCATI, F. TASSO, S. VACCA, G. DE GIUDICI, 2021 "Microbial diversity of bacteria involved in biomineralization processes in mine-impacted freshwaters." Front. Microbiol. 12:778199. doi: 10.3389/fmicb.2021.778199

Rugnini, L.; Migliore, G.; Tasso, F.; Ellwood, N.T.W.; Sprocati, A.R.; Bruno, L. (2020). Biocidal Activity of Phyto-Derivative Products Used on Phototrophic Biofilms Growing on Stone Surfaces of the Domus Aurea in Rome (Italy). Applied Science,10: 6584. doi:10.3390/app10186584

Sprocati AR, Alisi C, Migliore G, Marconi P, Tasso F. (2020). Sustainable restoration through biotechnological processes: a proof of concept. In press in "Roles of microorganisms in heritage degradation and preservation "(E Joseph, P Junier eds.) Springer. ISBN 978-3-030-69411-1

Nicoletta Barbabietola, Flavia Tasso, Chiara Alisi, Paola Marconi, Brunella Perito, Giovanna Pasquariello and Anna Rosa Sprocati. (2016). A safe microbe-based procedure for a gentle removal of aged animal glues from ancient paper. International Biodeterioration & Biodegradation 109: 53-60. https://doi.org/10.1016/j.ibiod.2015.12.019

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. https://doi.org/10.1016/j.ibiod.2014.06.004

Projects

PNRR Return 2023 in progress

DTC Lazio TE1 - Fase II - Progetti RSI, Progetto n. 305-2020-35632, BIONANOINLEGNO 2021-2023 “INnovazioni BIO e NANOtecnologiche nel de-restauro, conservazione e restauro sostenibile deiManufatti in LEGNO dei Beni Culturali”

ERANETMED2-72-094 , SUPREME 2018-2020 “developping tools for SUstainable food PRoduction in mEditerranean area using MicrobEs”

POR Sardegna FESR 2014/2020, TESTARE: “TEcnologie e STrumenti di cARatterizzazione e gestione avanzata dell’ambientE”

Convenzione RAS-Sardegna Ricerche, CESA: “Centro di eccellenza per la sostenibilità ambientale - “Tecnologie innovative per il miglioramento della qualità delle acque di drenaggio di miniera con recupero e abbattimento dei metalli pesanti”

FESR PON Governance e Capacità Istituzionale 2014-2020, ESPA: “Energia e Sostenibilità per la Pubblica Amministrazione”

Date

13/02/2024

Signature (holographic format)