PERSONAL INFORMATION

Pallara Patrizia

ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development),
Department for Sustainability
Division Biotechnologies and Agroindustry
Biotechnologies and Agri-Food Sustainability, Quality and Safety Laboratory Affiliation
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Patrizia.pallara@enea.it

https://bioagro.sostenibilita.enea.it/people/pallara-patrizia

Sex F | *Date of birth* 04/12/1958 | *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

From 2015- to day

ENEA Researcher

Research scientist – Laboratory Agri-food Sustainability, Quality and Safety Cittadella della Ricerca SS7 km 706 72100 Brindisi. https://www.brindisi.enea.it/
– Improvement and strengthening of the Italian network of microbial collections, within the JRU MIRRI-
IT, Italian network of microbial culture collections operating in different sectors (clinical, food, environmental, agricultural, cultural heritage, etc.).;
- Research and study of processes for the laboratory-scale production of plant cells for 3D printing;
Study and creation of optimal inks for 3D printing.
Determination of shelf-life, sensory analysis, nutritional aspects with evaluation of the biological activity of 3D products in in vitro models.

-Development of processes to produce biodegradable and compostable packaging from waste of the agro-industrial sector.

Patrizia Pallara

From 1996 to 2015 — C.R.ENEA CASACCIA
Molecular Biology of plants: genetic transformation of tomato and tobacco plants by Agrobacterium tumefaciens; In vitro culture of Microalgae; Preparation of paired-end libraries for next-generation sequencing (MiSeq)

EDUCATION AND TRAINING

Master's Degree in Medical Biotechnology, University of Rome "Tor Vergata", score 110/110 cum laude.
Thesis: "Role of 17 B estradiol in the development of basal cell carcinoma

WORK ACTIVITIES

PERSONAL SKILLS

Mother tongue(s): ITALIAN

Other language(s): ENGLISH B1

Job-related skills: Good communication and organizational skills

Digital skills: Competent with most Microsoft Office Programmes (Excel, Word, Publisher), Windows.
Video conferencing platforms (MS Teams, Zoom, Skype)

ADDITIONAL INFORMATION

Publications

total number of publications in peer-review journals :4
H index : 4
total Impact Factor (IF) 22
total number of citations: 757
Scopus ID: 1073912080
https://orcid.org/0009-000020327615
https://scholar.google.it/citations?view_op=new_articles&hl=it&imq=patrizia+pallara#

BMC Biotechnol. 2018 Feb 17;18(1):11 DOI: 10.1186/s12896-018-0416-3
Plant Physiol 2005 Jan;137(1):199-208. DOI: 10.1104/pp.104.051987

FEBS Lett 2002 May 22;519(1-3):30-4 DOI: 10.1016/s0014-5793(02)02699-6
Plant J 2000 Nov;24(3):413-9. DOI: 10.1046/j.1365-313x.2000.00880.

Projects

PNRR SUS-MIRRI.IT “Strengthening the MIRRI Italian Research Infrastructure for Sustainable Bioscience and Bioeconomy” - Funded by the European Union –Next Generation EU – Mission 4, Component 2

2021-2023 BAIAS Project : technical-scientific support MINISTRY OF ECOLOGICAL TRANSITION (MiTE) on biofuels;

2020-2023 MaNUfacTuRIng 3D of new generation plant foods for healthy nutrition (NUTRI 3D)"

2018-2019 BIOCOSI' Development of innovative technologies and processes for the production of 100% Biodegradable and Compostable packaging for a Sustainable, economic/circular and Smart industry

2018 ES-PA 2.4.3 - Preparation of a Technology Brief of the technologies available for the production of biogas and synthesis gas from waste and waste of agricultural, zootechnical and agro-industrial origin with examples of best practices and methodologies for identifying the best solutions

2013-2017: EC 7° FP: "From DISCO very to products: A next generation pipeline for the sustainable generation of high-value plant products (DISCO)
2014-2015: IDENPREPT: genomic and metabolomic profile of vine, wheat, and pistachio of typical Sicilian varieties

2011-2014: Private consortium AGER. "Adaptation of durum wheat to global change: effect of high CO2 on yield and quality characteristics - DUCO"

2011-2012: Optimisation of biological hydrogen production from Chlamydomonas (HYDROBIO)

2009-2013: EC FP 7: "Development of effective tools and strategies for the optimization of the production of secondary metabolites useful in plants (METAPRO)

2009-2011: MIPAAF. International Genome Sequencing Project of Wheat. Physical Map of Chromosome 5 (CROMOMAP)