

Gaetano Perrotta



PERSONAL INFORMATION

📍 **Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)**
Department for Sustainability - Division Biotechnologies and Agroindustry – Laboratory BioProducts and BioProcesses
 Centro Ricerche Trisaia SS 106 Jonica, Km 419+500 75026 Rotondella (Matera)

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Sex male | *Date of birth* 02/02/1967 | *Nationality* Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input checked="" type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

2000 - present

Researcher

Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA)

2012-2015

Executive Board

Società consortile Biosistema S.c.r.l

aa2013-2014 & aa2009-2010

Professore a Contratto

Università degli Studi di Napoli Federico II

aa2001-2010

Professore a Contratto

Università degli Studi della Calabria

Business or sector Plant Molecular Biology, Plant Genomics

EDUCATION AND TRAINING

2005 (2 months)

Stage

Cambridge Centre for Proteomics - Cambridge University, UK

2000 (1 month)

Stage

International Agency for Research on Cancer (IARC) – Lyon, France

2000 (1 month)

Stage

Istituto di Biologia Molecolare delle Piante della Stazione Zoologica "Anton Dohrn" – Napoli, Italy

1998-1999

Post-Doc fellow

ENEA CR Casaccia, Roma, Italy

1998

PhD in Biochemistry and Molecular Biology

Science Faculty, Università degli studi di Bari

1996-1997

Fellowship – European Commission

Biotechnology Training Programme CNRS – Strasbourg, France

1995 (1 month)

EMBO Fellowship

Institut für Genbiologische Forschung - Berlin, Germany

WORK ACTIVITIES

Awards

"ABILITAZIONE SCIENTIFICA NAZIONALE 2014-2023"

- **Full Professor**
Sector 05/F1– Biologia Applicata
Sector 05/A2– Fisiologia Vegetale

- **Associate Professor**
Settore 05/F1 — Biologia Applicata
Sector 05/A2 – Fisiologia Vegetale
Sector 07/E1 – Genetica Agraria
Sector 05/E2 – Biologia Molecolare

PERSONAL SKILLS

Mother tongue(s) **Italian**

Other language(s) English, French

ADDITIONAL INFORMATION

Publications 64 publications in peer-review journals
total number of citations 9200 (google scholar)
H index 30 (google scholar)

relevant publications

- Identification of miRNAs involved in fruit ripening by deep sequencing of *Olea europaea* L. transcriptome F Carbone, L Bruno, G Perrotta, MB Bitonti, I Muzzalupo, A Chiappetta PLoS One 14 (8), e0221460 – 2019
- Pivotal roles of cryptochromes 1a and 2 in tomato development and physiology E Fantini, M Sulli, L Zhang, G Aprea, JM Jiménez-Gómez, A Bendahmane, G. Perrotta Plant physiology 179 (2), 732-748 – 2019
- The coffee genome provides insight into the convergent evolution of caffeine biosynthesis F Denoeud, L Carretero-Paulet, A Dereeper, G Droc, R Guyot, M Pietrella, G Perrotta ... science 345 (6201), 1181-1184 – 2014
- The tomato genome sequence provides insights into fleshy fruit evolutionx Tomato Genome Consortium Nature 485 (7400), 635 – 2012
- Genome sequence and analysis of the tuber crop potatoLA Diambra, ... G Perrotta Nature 475 - 201

Projects Relevant Projects as Principal Investigator:

- **EU PRIMA2021 (BIOMEnext) 2022/2025** Modelling integrated biodiversity-based next generation Mediterranean farming systems
- **EU LIFE 2014 (LIFE14 ENV/IT/000461) 2016/2022 (Project Manager)** A New Life For Mar Piccolo
- **MIPAF DM 32684 2010/2011** Genomica e miglioramento Genetico dell'Olivo
- **MIUR 2006/2010** Metodi e sistemi per aumentare il valore aggiunto degli alimenti tradizionali ed a vocazione territoriale
- **FLAVO EU FP6 FOOD-CT-2004-513960 2005/2008** Flavonoids in fruits and vegetables: their impact on food quality, nutrition and human health
- **MIUR 2004/2008 (Project Manager)** - Sviluppo e applicazione di nuove metodologie di Genomica e Proteomica per la valorizzazione delle produzioni agroalimentari tipiche del Mezzogiorno
- **FISR 2002/2006** Il miglioramento della qualità dei frutti di fragola, melo, e pesco-nettarina nella filiera produttiva: caratterizzazione e determinazione di parametri oggettivi di valutazione, loro monitoraggio nel processo produttivo