

Dr. Francesca DE LEO (EX2006C105017)

Born on

Nationality: Italy

Area of expertise

12

- Biodiversity conservation [Biological sciences]
- Bioproducts (products that are manufactured using biological material as feedstock) biomaterials, bioplastics, biofuels, bioderived bulk and fine chemicals, bio-derived novel materials [Industrial biotechnology]
- Biotechnology (non-medical), bioreactors, applied microbiology [Industrial biotechnology]
- Business model innovation [Types of innovation]
- Exploitation of results [Education]
- Genomics [Genetics and heredity]
- Infrastructure to Support Information Management & Dissemination [Crisis Operations / Management - C3I]
- Innovation Management Assessment [Innovation management]
- Innovation strategies [Innovation management]
- Molecular biology [Biochemistry and molecular biology]
- Public sector innovation [Types of innovation]
- Research management [Business and Management]

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Languages

3

	Basic	Intermediate	Proficient	Mother Tongue
Italian				
English				
French				

Education

2

University of Bari Italy	pHD Biochemistry and Molecular Biology Research Doctoral degree/PhD	1998
University of Bari Italy	Degree No diploma type is available	1993

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Personal link

<https://www.di3a.unict.it/docenti/cristina.abbate>

Personal ID

Employment history

1

19 years

CNR - National Research Council Researcher Italy Research Organisation	12/2001 - current 19+ years
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Publications/books/articles

18

Management at the service of research: ReOmicS, a quality management system for omics sciences CO-AUTHOR Springer Science and Business Media LLC http://www.nature.com/articles/s41599-019-0283-0.pdf	2019
Building essential biodiversity variables (EBVs) of species distribution and abundance at a global scale CO-AUTHOR Wiley-Blackwell http://dx.doi.org/10.1111/brv.12359	2017
Development of a Synbiotic Beverage Enriched with Bifidobacteria Strains and Fortified with Whey Proteins CO-AUTHOR Frontiers Media SA http://dx.doi.org/10.3389/fmicb.2017.00640	2017
Building essential biodiversity variables (EBVs) of species distribution and abundance at a global scale CO-AUTHOR Wiley https://api.wiley.com/onlinelibrary/tdm/v1/articles/10.1111%2Fbrv.12359	2017
Development of a Synbiotic Beverage Enriched with Bifidobacteria Strains and Fortified with Whey Proteins CO-AUTHOR Frontiers Media SA http://journal.frontiersin.org/article/10.3389/fmicb.2017.00640/full	2017
BioVeL: a virtual laboratory for data analysis and modelling in biodiversity science and ecology CO-AUTHOR Springer Nature http://dx.doi.org/10.1186/s12898-016-0103-y	2016
Towards global interoperability for supporting biodiversity research on Essential Biodiversity Variables (EBVs). CO-AUTHOR	2015

Biodiversity	
Losurdo L., Quintieri L., Caputo L., Gallerani R., Mayo B. and De Leo F Cloning and expression of synthetic genes encoding angiotensin-I converting enzyme (ACE)-inhibitory bioactive peptides in <i>Bifidobacterium pseudocatenulatum</i> AUTHOR FEMS Microbiol Lett 340 (2013) 24–32 DOI: 10.1111/1574-6968.12068	2013
Changes in morphology, cell wall composition and soluble proteome in <i>Rhodobacter sphaeroides</i> cells exposed to chromate. CO-AUTHOR Springer http://www.ncbi.nlm.nih.gov/pubmed/22661079	2012
PlantPIs--an interactive web resource on plant protease inhibitors. CO-AUTHOR Curr Protein Pept Sci http://www.ncbi.nlm.nih.gov/pubmed/21418024	2011
Cystatins, serpins and other families of protease inhibitors in plants. CO-AUTHOR Curr Protein Pept Sci. http://www.ncbi.nlm.nih.gov/pubmed/21418017	2011
The photosynthetic membrane proteome of <i>Rhodobacter sphaeroides</i> R-26.1 exposed to cobalt. CO-AUTHOR Elsevier Science http://www.ncbi.nlm.nih.gov/pubmed/21515364	2011
Genome walking in eukaryotes. CO-AUTHOR Blackwell Publishing http://www.ncbi.nlm.nih.gov/pubmed/21848672	2011
Assessment of an internal reference gene in <i>Rhodobacter sphaeroides</i> grown under cobalt exposure. CO-AUTHOR J Basic Microbiol. http://www.ncbi.nlm.nih.gov/pubmed/20473961	2010
Identification and characterization of protease inhibitors in <i>Diplotaxis</i> species. CO-AUTHOR Plant Physiol Biochem. http://www.ncbi.nlm.nih.gov/pubmed/19070500	2009
Soluble proteome investigation of cobalt effect on the carotenoidless mutant of <i>Rhodobacter sphaeroides</i> . CO-AUTHOR J Appl Microbiol. http://www.ncbi.nlm.nih.gov/pubmed/19054232	2009

Angiotensin converting enzyme (ACE) inhibitory peptides: production and implementation of functional food. CO-AUTHOR Curr Pharm Des. http://www.ncbi.nlm.nih.gov/pubmed/19925416	2009
Production of active angiotensin-I converting enzyme inhibitory peptides derived from bovine beta-casein by recombinant DNA technologies. CO-AUTHOR Biotechnol J. http://www.ncbi.nlm.nih.gov/pubmed/17722167	2007

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Who can see my profile

Institutions I agree to work with:

EU institutions and bodies

Other EU Institutions (European Parliament, European Council, Court of Justice of the European Union, European Central Bank, European Investment Bank, European Court of Auditors, European Committee of the Regions, European Economic and Social Committee, ...)

Research funding bodies with a public service mission, based in the EU/EEA countries (other than EU institutions and bodies) or in third countries, associated to Horizon 2020 or to other EU funding programmes, for which the Commission has adopted an adequacy decision

Research funding bodies with a public service mission, which are based in third countries, associated to Horizon 2020 or to other EU funding programmes, for which the Commission has not adopted an adequacy decision¹

1. *An 'adequacy decision' recognises that a third country offers data protection standards equivalent to the ones in the EU/EEA countries. In principle, the transfer of personal data to non-adequate third countries is much more risky compared to EU/EEA countries and adequate third countries. Therefore, given the risks, in the absence of an "adequacy decision", your data may be transferred to a third country if you have provided your explicit consent*

I agree to work on :

All programmes and sub-programmes of the above selected EU and non-EU institutions.

Additional information

ORCID number	0000-0003-0421-7699
Experience in peer reviews or evaluations (outside the Commission)	Expert for the Italian Minister of the Economic Development and for the Apulia region. Scientific Officer for the CNR in ILO2 Project "'Creare impresa e diffondere tecnologia a partire dalla ricerca - ILO2", finanziato dal PO FESR 2007-2013"-Regione Puglia Teaching at the University of Bari of "Organizzazione e gestione delle imprese biotecnologiche" CdL magistrale in Biotecnologie Mediche e Medicina Molecolare Participant to several project such as: • Project FP7-INFRA "Creative B-Coordination of Research e-Infrastructures Activities Toward an International Virtual Environment for Biodiversity " • Project FP7-Combination of CP & CSA " BioVeL - Biodiversity Virtual e-Laboratory " • PON01_02589 "Micromap" • PON03_0025 "BioforIU" • Life Watch Italia - Independent expert, as evaluator, in the evaluation of research proposal in relation to the FP7-People-2013-IEF, FP7-PEOPLE-2013-IIF, FP7-PEOPLE-2013-IOF call for proposal. Specialties: Transfer technology in Life Sciences. Isolation, characterization and functional analysis of bioactive compounds isolated from micro organisms and plants. Transformation of probiotic cells to increase production of bioactive compounds. show less...
Experience related to innovation projects	Project Manager of innovative project.
Experience in valuing companies	I am expert in Biotechnologies field for the Minister of Economics in Italy to validate and check structural projects proposed by SMEs and Large Companies. show less...
Experience in industrial sector	Project Manager for SME involved in research and development
Other information	No

Recent contracts



Bookmarks

Personal Details

Contact details

Languages

Area of expertise

Education

Current Employment

Publications/books/articles

Who can see my profile

Additional information