



Laura Conte

Date of birth: 04/09/1978 **Email address:** laura.conte@cmcc.it

Work: Fondazione CMCC via Marco Biagi n. 5, 73100 LECCE (Italy)

WORK EXPERIENCE

IESP Institute Manager

Fondazione CMCC "Centro Euro-Mediterraneo sui Cambiamenti Climatici" [07/2024 – Current]

City: Lecce | Country: Italy

Management of the Institute for Earth System Predictions (IESP)

Division Manager of the Advanced Scientific Computing (ASC) Division and Senior Scientific Manager

Fondazione CMCC "Centro Euro-Mediterraneo sui Cambiamenti Climatici" [11/2015 – 06/2024]

City: Lecce | Country: Italy

Support to the ASC Division Director on the coordination and management activities of the scientific staff.
Management of ASC Division activities, including planning and monitoring of the budget.
Management of more than 20 european, national and regional research projects of ASC Division.

Post Doc position

Fondazione CMCC "Centro Euro-Mediterraneo sui Cambiamenti Climatici" [09/2012 – 11/2015]

City: Lecce | Country: Italy

Research activities are mainly on: distributed data and metadata management, distributed information systems, management of operational systems for climate data sharing - ESGF).

Contract position

Department of Innovation Engineering, University of Salento [07/2011 – 06/2012]

City: Lecce | Country: Italy

Expert biologist in bioinformatics analysis and management of biological data.

Post-doctoral Fellowship

Department of Biological and Environmental Sciences and Technologies, University of Salento [08/2010 – 12/2010]

City: Lecce | Country: Italy

Public-private laboratory for the development of innovative processes and products in the field of anti-infective drugs.

Post-doctoral Fellowship

Department of Biological and Environmental Sciences and Technologies, University of Salento [08/2008 – 07/2010]

City: Lecce | Country: Italy

Biogenesis of the complex III of the mitochondrial respiratory chain.

Contract position

Department of Biological and Environmental Sciences and Technologies, University of Lecce [04/2004]

City: Lecce | Country: Italy

Expert biologist in import and assembly of mitochondrial protein.

Contract position

Department of Innovation Engineering, University of Salento [03/2007 – 03/2008]

City: Lecce | Country: Italy

Expert biologist in “Simulation techniques in GRID computing to study genetic diseases”.

Visiting Scientist

Laboratory of Cellular and Molecular Pharmacology, Institute of Neurosciences, C.N.R. [

01/2004 – 01/2004]

City: Milan | Country: Italy

Expert biologist in import and assembly of mitochondrial protein.

Visiting Scientist

Laboratory of Cellular and Molecular Pharmacology, Institute of Neurosciences, C.N.R. [

01/2006 – 02/2006]

City: Milan | Country: Italy

Expert biologist in import and assembly of mitochondrial protein.

EDUCATION AND TRAINING

Ph.D. in Biology and Biotechnologies

Department of Biological and Environmental Sciences and Technologies, University of Salento [2004 – 2007]

City: Lecce

Professional qualification as a Biologist

[2003]

M.Sc. Degree in Biology (final mark: 110/110 magna cum laude)

University of Lecce [2003]

City: Lecce

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** C1 **WRITING** C1

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Proficient user of Microsoft tools (Word, Excel, Powerpoint). / Proficient user of Teams, Zoom and other VC systems.
/ Proficient user of Adobe suites. / Good handling of the main formats and tools related to climate data management. / Standard knowledge of ERP systems (RDS, Monday).

PUBLICATIONS

- [2017]
[SeaConditions: a web and mobile service for safer professional and recreational activities in the Mediterranean Sea](#)
Coppini et al., Nat. Hazards Earth Syst. Sci., 17, 533-547, 2017
- [2017]
[A multi-service data management platform for scientific oceanographic products](#)
D'Anca, Conte, et al Nat. Hazards Earth Syst. Sci., 17,
- [2016]
[A Spatial Data Analysis Infrastructure for Environmental Health Research](#)
Mirto M., Fiore S., Conte L., Bruno L.V. and Aloisio G. INT. CONF. ON HPCS
- [2012]
[A krill oil supplemented diet reduces the activity of the mitochondrial tricarboxylate carrier and of cytosolic lipogenic enzymes in rats](#)
A. Ferramosca, L. Conte and V. Zara Journal of Animal Physiology and Animal Nutrition 96
- [2011]
[The Rieske iron-sulfur protein: import and assembly into the cytochrome bc1 complex of yeast mitochondria](#)
L. Conte and V. Zara Bioinorganic Chemistry and Applications 363941
- [2011]
[Bcs1p can rescue a large and productive cytochrome bc1 complex assembly intermediate in the inner membrane of yeast mitochondria](#)
L. Conte, B.L. Trumpower and V. Zara Biochimica et Biophysica Acta –Molecular Cell Research 1813
- [2010]
The dietary combination of CLA and pine nut oil prevents the CLA-induced fatty liver in mice
A. Ferramosca, L. Conte and V. Zara Italian Journal of Biochemistry 76
- [2010]
Biogenesis of the yeast cytochrome bc1 complex: identification of a large bc1 core structure
L. Conte, B.L. Trumpower and V. Zara Italian Journal of Biochemistry 99
- [2009]
[Evidence that the assembly of the yeast cytochrome bc1 complex involves the formation of a large core structure in the inner mitochondrial membrane](#)
V. Zara, L. Conte and B.L. Trumpower FEBS Journal 276, 1900–1914
- [2009]
Biogenesis of the yeast cytochrome bc1 complex

V. Zara, L. Conte and B.L. Trumpower. Biochimica et Biophysica Acta 1793, 89-96

[2008]

[**Dietary combination of conjugated linoleic acid \(CLA\) and pine nut oil prevents CLA-induced fatty liver in mice**](#)

A. Ferramosca, V. Savy, L. Conte and V. Zara. Journal of Agricultural and Food Chemistry 56

[2007]

[**Identification and characterization of cytochrome bc1 subcomplexes in mitochondria from yeast with single and double deletions of genes encoding cytochrome bc1 subunits**](#)

V. Zara, L. Conte and B.L. Trumpower. FEBS Journal 274, 4526-4539

[2006]

[**Effect of Conjugated linoleic acid \(CLA\) on hepatic lipogenesis in mice**](#)

A. Ferramosca, V. Savy, L. Conte and V. Zara. Italian Journal of Biochemistry 55, 77

[2006]

[**Conjugated linoleic acid and hepatic lipogenesis in mouse: role of the mitochondrial citrate carrier**](#)

A. Ferramosca, V. Savy, L. Conte, S. Colombo, AW. Einerhand & V. Zara Journal of Lipid Research 47

[2004]

[**Further insights into the assembly of the yeast cytochrome bc1 complex based on analysis of single and double deletion mutants lacking supernumerary subunits and cytochrome b**](#)

V. Zara, I. Palmisano, L. Conte and B.L. Trumpower. European Journal of Biochemistry 271, 1209-1218

[2004]

Role of the supernumerary subunits in the assembly of the cytochrome bc1 complex in yeast mitochondria

V. Zara, L. Conte and B.L. Trumpower. Italian Journal of Biochemistry 53, 266

ORGANISATIONAL SKILLS

Organisational skills

Wide experience in working in a multidisciplinary environment.

Excellent organisational and problem solving skills.

Excellent time management.