

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **First name(s) Surname(s)** Napolitano Lorenzo  
Address(es) Institute of Science of Food Production (National Research Council) , 5, Via Ribes, 10010 Colletterto Giacosa, Torino, Italy  
Telephone(s) 0039-0125-564035 Mobile: +39-3472654038  
Fax(es) 0039-0125-564942  
E-mail lorenzo.napolitano@ispa.cnr.it  
Nationality italian  
Date of birth 25/10/1953  
Gender male

### Desired employment / Occupational field

#### Work experience

Dates Add separate entries for each relevant post occupied, starting from the most recent. (remove if not relevant, see instructions)

Occupation or position held Technical Assistant

Main activities and responsibilities Currently in charge of the technical areas of mass spectrometry, HPLC and Sequencing of the office of Colletterto Giacosa

He deals with the identification and characterization of proteins and food-borne allergens (milk of different species and food allergens from seeds and fruits)

Belonging to the working group for the contract EuroPrevall "The prevalence, cost and basis of food allergy across Europe" (2005-2009).

Belonging to the working group for the contract "Integrated technology platform supporting the quality and safety of typical wines of Piedmont - Tech4wine" (2007-2010).

Head of U. O. 7 of the project "Quality and biosafety for Piedmont agri-food production ...." (2008-2011).

Teacher in Microbial Proteomics course in collaboration with the Foundation for Biotechnology Turin (Bioindustry Park Silvano Fumero, 16-17 March 2010)

Teacher for the part of mass spectrometry for the Master of Science in Industrial Biotechnology Laboratory of Applied Biochemistry - I Module - academic year 2008-2009

Name and address of employer National Research Council, Piazza A. Moro 7, Roma



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**Name and address of employer** National Research Council, Piazza A. Moro 7, Roma

Type of business or sector Research

## Education and training

Dates July 1972

Title of qualification awarded Graduate in Industrial Chemistry

Principal subjects/occupational skills covered Biological research

Name and type of organisation providing education and training National Research Council (Institute of Science of Food Production)

Level in national or international classification 1984 He learned the techniques of analysis and sequence of the protein in the laboratory of Prof. Braunitzer at the Max Planck Institut fur Biochemie in Martinsried (Monaco).

## Personal skills and competences

Mother tongue(s) italian

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

| Understanding |         | Speaking           |                   | Writing |
|---------------|---------|--------------------|-------------------|---------|
| Listening     | Reading | Spoken interaction | Spoken production |         |
| Good          | Good    | Good               | Good              | Good    |
|               |         |                    |                   |         |

(\*) Common European Framework of Reference for Languages

Participation in relevant research contracts with companies and/or administration



## Publications

KEY: L=complete book; BC= book chapter; A= article; R= review; E= editor.

- 1) Conti A., Napolitano L., Godovac-Zimmermann J., Braunitzer G. "Preparative separation of pig polymorphic beta-lactoglobulins by IPG and non-IPG" (1986) Bruxelles, Protides of the Biological Fluids, 34, 907-910
- 2) Godovac-Zimmermann J., Conti A., James L., Napolitano L. "Microanalysis of the amino acid sequence of monomeric beta-lactoglobulin from donkey (*Equus asinus*) milk" (1988) Biol. Chem. Hoppe-Seyler 369, 171-179
- 3) Calderone V., Giuffrida MG., Viterbo D., Napolitano L., Fortunato D., Conti A., Acharya K.R. "Amino acid sequence and crystal structure of buffalo alpha-lactalbumin" (1996) FEBS Lett. 394, 91-95
- 4) M.G. Giuffrida, M.Cavaletto, C.Giunta, B.Neuteboom, A. Cantisani, L. Napolitano, V.Calderone and A. Conti. "The unusual amino acid triplet Asn-Ile-Cys is the glycosylation consensus site in human alpha-lactalbumin. (1997) J. Prot Chem 16:8, 747-753
- 5) Conti A., Giuffrida M.G., Napolitano L., Quaranta S., Bertino E., Coscia A., Costa S., Fabris C. "Identification of the human beta-casein C-terminal fragments that specifically bind to purified anti bovine beta-lactoglobulin antibody" (2000) The Journal of Nutritional Biochemistry 11: 6, 332-337
- 6) Conti A., Fortunato D., Ortolani D., Giuffrida MG., Pravettoni V., Napolitano L., Farioli L., Perono Garoffo L., Trambaioli C., Pastorello E.A. "Primary structure determination of two lipid transfer proteins from apricot (*Prunus armeniaca*)" (2001) J. Chromatography B756 (1-2) 123-129.
- 7) Cavaletto M, Giuffrida MG, Fortunato D, Gardano L, Dellavalle G, Napolitano L, Giunta C, Bertino E, Fabris C, Conti A. A proteomic approach to evaluate the butyrophilin gene family expression in human milk fat globule membrane. Proteomics. 2002 Jul;2(7):850-6.
- 8) Fortunato D, Giuffrida MG, Cavaletto M, Garoffo LP, Dellavalle G, Napolitano L, Giunta C, Fabris C, Bertino E, Coscia A, Conti A. Structural proteome of human colostrum fat globule membrane proteins. Proteomics. 2003 Jun;3(6):897-905.
- 9) Reuter A, Fortunato D, Garoffo LP, Napolitano L, Scheurer S, Giuffrida MG, Vieths S, Conti A. Novel isoforms of Pru av 1 with diverging immunoglobulin E binding properties identified by a synergistic combination of molecular biology and proteomics. Proteomics. 2005 Jan;5(1):282-9.
- 10) Cardinali A., Tursi N., Ligorio A., Giuffrida M.G., Napolitano L., Caliandro R., Sergio L., Di Venere D., Lattanzio V., Sonnante G. Purification, biochemical characterization and cloning of a new cationic peroxidase isoenzyme from artichoke. Plant Physiology and Biochemistry, 49 (2011) pp. 395-403

Authors:

Title:

Ref. Journal Book:



**Congress Organisation**

Masters degree thesis and Directed  
doctoral thesis

**Additional information**

Include here any other information that may be relevant, for example contact persons, references, etc.  
(Remove heading if not relevant, see instructions)

**Annexes**

List any items attached. (Remove heading if not relevant, see instructions)

A handwritten signature in black ink, appearing to be 'M. Lep', written in a cursive style.