

## CURRICULUM VITAE



### PERSONAL INFORMATIONS

First name , Surname

**PAOLO, BERGAMO**

Address

VIA SANTA CHIARA 41, 80136 NAPOLI, ITALIA

Telephone

+39-0825-299506

Fax

+39-0825-299105

E-mail

**p.bergamo@isa.cnr.it**

Nazionalità

**Italian**

Date of birth

19, 01, 1961

**1998**

Obtained a permanent position as researcher of the National Council of Research (CNR)

### RESEARCH FIELD

Cell biology, biochemistry.

### EDUCATION AND TRAINING

**1993-97**

Research Fellow (CNR) of at the Department of Physiology, University Federico II, Naples

**1990-92**

Post-Graduate fellowship C.N.R. (National Research Council)

**1987**

Master Degree in Biology, summa cum laude (University "Federico II" of Naples).

### WORK EXPERIENCE

**2010-to date**

In collaboration with dr. Maria Pina Mollica (Department of Biological Sciences, Physiology Section) of the University of Naples "Federico II") he is studying the effects of polyunsaturated fatty acids and CLA administration on RedOx status, energy balance and mitochondrial bioenergetics in an animal model (rat).

He investigated the effects produced by the inhibition of Acyl-Peptide Hydrolase (APEH) as a negative effector of proteasome activity and its possible involvement in the anti-cancer effect of individual Conjugated Linoleic Acid (CLA) isomers (cis<sub>9</sub>trans<sub>11</sub> and trans<sub>10</sub>cis<sub>12</sub>).

He studied the noxious effect of gliadin on cytoprotective defences in human intestinal cells (Caco2) and in the duodenum of a gliadin-sensitive human leukocyte antigen-DQ8 transgenic mice.

**2007**

He recognized the involvement of the Nrf2-ARE pathway in the cytoprotective (anti-oxidant and anti-inflammatory) ability of CLA in bone marrow dendritic cells and in an animal model of autoimmune disease (MRL/lpr mice).

**2001-2002**

He was interested in evaluating the effect of different management on the quality of dairy products. In particular he examined the fat-soluble vitamins and fatty acids content of dairy food produced by conventional and organic animal husbandry.

### RESEARCH PROJECTS

**2010-2011**

Scientific Cooperation between CNR ( Mauro Rossi, ISA Avellino) and the Japan Society for the Promotion of Science (JSPS) (Soichi Tanabe, Graduated School of Biosphere Science, Hiroshima) "Evaluation and development of probiotics with immunomodulatory and intestinal amelioration activities on a transgenic mouse model of food antigen hypersensitivity."

**2008**

"Enzymatic treatment of wheat flour for celiac patients. Industrialization and validation of the method in humans", funded by IPAFOOD srl.

**2005 - '06**

"Mediterranean Diet - Food protection and Enhancement of Biodiversity in Mediterranean

countries (MEDEA)" funded by the Campania Region within the Program "Institutional Cooperation in the Mediterranean", Measure 6.

- 2004 - '06** "Analysis of toxicity profiles and technological parameters of coarse grains and other species suitable for growing agricultural to be allocated to the production of gluten-free diet foods" in collaboration with the Department of Pharmaceutical Sciences, University of Salerno , funded by the ARC (Association for Applied Research in Agriculture) of the Campania Region.
- 2002 - '04** Leader of Italian Unit in the *Recommendations for improved procedures for Securing consumer oriented food safety and quality of certified organic foods from plough to plate*", concerted action funded by the European Community (Contract QLK1-CT-2002-02245). <http://www.organichaccp.org>
- 2001 - '02** Project leader of the research entitled "*Assessment of the Red-Ox and buffalo in the role of antioxidants taken with food on milk quality*" funded by the Campania Region (LR 41/94).

Member of the Italian Network for Organic Agriculture (RIRAB)  
Coordinator of the thematic working group of RIRAB on Food Quality.

He is co-author of publications 43 on peer reviewed journals (average i.f. 3.6) and 58 contributions to national and international congresses or book chapters.

Since 2004 he has been collaborating, as reviewer, with international scientific journals.  
(J Agric Food Chem; Food Compos Analysis; Life Sci; J Leuk Biol; Free Radic Biol Med; Mol Nutr Food Res; J. Physiol Biochem; Pediatric Res; Biochem Biophys Acta; Lipids Health Dis; Br J. Nutr.; PlosOne)

I authorize the use of my personal data accordingly to the Italian Legislative Decree n° 196/2003