

CURRICULUM VITAE  
OF  
ROSANGELA MARASCO

Place of birth: Naples, Italy, June 7th, 1960

Citizenship: Italian

Position: Researcher

Address: Dept. of Environmental Biological and Pharmaceutical Sciences and Technologies,  
Università della Campania "Luigi Vanvitelli" via Vivaldi, 43 – 81100 Caserta, Italy.

Degree: Doctor in Biology at the University of Naples "Federico II", Summa cum Laude, 1988.

Thesis: "Biochemical and physiological study of the beta-glucosidase activity of  
*Agrobacterium tumefaciens*", november 1985-march 1988, working at the International  
Institute of Genetics and Biophysics (IIGB), Naples, Italy.

PhD in Microbiology, in 1997. Thesis: "Late events of the sporulation in *Bacillus subtilis*:  
modulation of the sigma factor expression".

Scientific activity

1988-1989: Post-doctoral fellowship at the IIGB, Naples, Italy: The mechanism of action of  
herbicides affecting isoleucine, leucine and valine biosynthesis.

1989-1993: Post-doctoral fellowship at the IIGB. Study of the mechanism of expression of the  
*ilvIH* operon of *Escherichia coli* by promoter activation. Mechanism of action of the Lrp  
master regulator in *E. coli*.

1993-1996: PhD student at the University of Naples "Federico II". Study of the sporulation  
process in *B. subtilis*.

1996-2003: Researcher in Microbiology, Facoltà di Scienze M. F. N., Università del Sannio.  
Research field: carbon catabolite regulation in Lactic Acid Bacteria.

2003 to present: Researcher in Microbiology, Dept. of Environmental Biological and  
Pharmaceutical Science and Technology. Research field: regulation of central metabolism in  
Lactic Acid Bacteria. Molecular mechanisms of stress response in *Lactobacillus plantarum*.  
Study of biofilm development in *L. plantarum*. Study of adhesin in *L. plantarum*. Construction  
and characterization of a lactic acid bacteria (LAB) collection for the production of functional  
foods.

Scientific society

Member of the "Società Italiana di Microbiologia Generale e Biotecnologie Microbiche" since  
1988.

Teaching activity

Teacher for the following courses: "Applied Microbiology" (1999-2004) and "General  
Microbiology" (2002-2004), Università del Sannio.

Courses in assignment: "General Microbiology" since 2004 to date, "Microbiological  
Methodologies" (A.A. 2004-2014), "Applied Microbiology" (2004-2006; 2008-2015 and 2017-  
2019) and "Microbiological Quality of Foods" (2006-2008), at the Dept. of Environmental,  
Biological and Pharmaceutical Science and Technology, Second University of Naples and since  
2017 Università della Campania "Luigi Vanvitelli" Caserta, Italy.

Reviewer activity: Reviewer for the international scientific peer-review journals: Research in  
Microbiology, Journal of Bacteriology and FEMS Microbiology Letters.