

**ALESSANDRO BARTOLOMUCCI****CURRICULUM VITAE****Personal details:**

Family name: Bartolomucci  
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**Education:**

- 16/05/2003 PhD in Psychobiology, University of Milan, Italy.
- 16/07/1999 Master Degree in Biological Science at the University of Parma, Italy (110/110 cum laude).

**Research:**

- Project leader – Department of Evolutionary and Functional Biology, University of Parma, Italy. 2006- to present
- Postdoctoral Fellow, Institute of Neuroscience, National Research Council (CNR), Rome, Italy. 2003-2006.
- PhD Student, University of Parma, Italy and University of Milan, Italy. 2000-2003.
- Visiting Scientist, Laboratory of Integrative Neurobiology, INRA-INSERM, Bordeaux, France. 2002.
- Graduate Research Fellow, of Clinical Neurobiology, German Primate Center, Goettingen, Germany. 1999-2000
- Undergraduate student, Department of Evolutionary and Functional Biology, University of Parma, Italy. 1997-1999

**Teaching:**

- Professor of *Applied Biology*, Faculty of Psychology, University of Parma, Italy. 2004-2005.
- Teaching assistant, course of *Behavior Genetics*, Faculty of Science, and course *Applied Biology*, Faculty of Medicine, University of Parma, Italy. 2006 - to present.
- Class member of the specialization course “*Psychoneuroimmunology*”, University of Milan, Italy, 2000-2002.

**Editorial Responsibility:**

- Academic Editor, *PLoS ONE*.
- Review Editor, *Frontiers in Behavioral Neuroscience*.

**Invited and key lectures:**

- EUPRIM-NET Course 13/10 Stress and its implication of Primate Welfare. Goettingen, Germany. 2008.
- IBRO/LARC Neuroscience meeting, Buzios, Brasil. 2008.
- Institute of Metabolic Science, Metabolic Research Laboratory, Cambridge, UK. 2008.
- 6th World Congress of Stress, Vienna, Austria. 2007.
- Italian Neuroscience Society (SINS) Congress, Verona, Italy. 2007. I co-organized the symposium “*Advancements in Neuroendocrine and Autonomic Control of Metabolic Functions and their Pathological Significance*”.
- Takeda Cambridge Ltd, Cambridge, UK. 2007.
- Behavioral Neuroscience Department GlaxoSmithKline S.p.A Medicines Research Centre, Verona, Italy. 2007.
- Society for Neuroscience 35th Annual Meeting. Washington, DC, USA. 2006.
- Neuroscience Research Centre, Merck Sharp & Dohm, Harlow, UK. 2004.

**Main founding sources:**

- Zealand Pharma A/S, Glostrup, Denmark.
- Takeda Cambridge Ltd, Cambridge, UK.
- Compagnia di SanPaolo, Torino, Italy

## • Publications:

I have published 35 scientific papers in international peer-reviewed journals and 8 book chapters. I have promoted and co-organized the Special Collection “*Stress induced depression and comorbidities: from bench to bedside*” published in January 2009 in PLoS ONE. I was guest editor for the special issue “*Advancements in Neuroendocrine and Autonomic Control of Metabolic Functions and their Pathological Significance*” published in the September 2008 issue of Eating and Weight Disorders.

### Selected publications (10 more representative)

1. Bartolomucci A, Cabassi A, Govoni P, Ceresini G, Cero C, Dadomo H, Berra D, Franceschini P, Parmigiani S, Palanza P. 2009. Metabolic consequences and vulnerability to diet-induced obesity in male mice under chronic social stress. **PLoS ONE**, 4(1):e4331.
2. Rizzi R\*, Bartolomucci A\*, Moles A, D’Amato FR, Sacerdote P, Levi A, Ciotti T, Possenti R, Pavone F. 2008. The VGF-derived peptide TLQP-21: A new modulatory peptide for inflammatory pain. **NEUROSCIENCE LETTERS**, 441: 129-133 \*cofirst authors.
3. Bartolomucci A. 2007. Social stress, immune functions and disease in rodents. **FRONTIERS IN NEUROENDOCRINOLOGY**. 28:28-49.
4. Bartolomucci A, G. La Corte, R. Possenti, V. Locatelli, A.E. Rigamonti, A. Torsello, E. Bresciani, I. Bulgarelli, R. Rizzi, F. Pavone, F.R. D’Amato, G. Mignogna, A. Giorgi, M.E. Schinà, A.M. Rinaldi, G. Elia, C. Brancia, G.-L. Ferri, R. Conti, B. Ciani, T. Pascucci, G. Dell’Omo, E.E. Muller, A. Levi, A. Moles. 2006. TLQP-21, a VGF-derived peptide, increases energy expenditure and prevents the early phase of diet-induced obesity. **PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE USA** 103,14584-14589.
5. Bartolomucci A, Palanza P, Sacerdote P, Panerai AE, Sgoifo A, Dantzer R, Parmigiani S. 2005. Social factors and individual vulnerability to chronic stress exposure. **NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS**, 29, 67-81.
6. Bartolomucci A, Pederzani T, Sacerdote P, Panerai AE, Parmigiani S, Palanza P. 2004. Behavioral and physiological characterization of male mice under chronic psychosocial stress. **PSYCHONEUROENDOCRINOLOGY**, 29:899-910.
7. Bartolomucci A, Palanza P, Parmigiani S, Pederzani T, Merlot E, Neveu PJ, Dantzer R. 2003. Chronic psychosocial stress down-regulates central cytokines mRNA. **BRAIN RESEARCH BULLETIN**, 62:173-178.
8. Bartolomucci A, Palanza, P, Sacerdote P, Ceresini, G, Chirieleison, A, Panerai, AE, Parmigiani, S 2003 Individual housing induce altered immuno-endocrine responses to psychological stress in male mice. **PSYCHONEUROENDOCRINOLOGY**, 28: 540-558.
9. Bartolomucci A, de Biurrun G, Czeh B, van Kampen M, Fuchs E. 2002. Selective enhancement of spatial memory under chronic psychosocial stress. **EUROPEAN JOURNAL OF NEUROSCIENCE**, 15, 1863-1866.
10. Czeh B, Michaelis T, Watanabe T, Frahm J, de Biurrun G, van Kampen M, Bartolomucci A, Fuchs E. 2001. Stress-induced changes in cerebral metabolites, hippocampal volume and cell proliferation are prevented by the antidepressant treatment with tianeptine. **PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE USA**, 98, 12796-12801.