

Curriculum vitae of Marco Andrea Riva

Place & Date of birth Monza (Italy)- August 8, 1959
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Education and Professional Experience

2001 to date Associate Professor, University of Milan, Italy.
 1998 - 2001 Assistant Professor, University of Milan, Italy.
 1994 - 1998 Research Assistant at Di.Bi.T., San Raffaele Hospital, Milan, Italy.
 8/91 to 12/93 Research Assistant, University of Milan, Italy.
 10/89 - 7/91 Postdoctoral Research Associate, Georgetown University, Washington D.C.
 10/87 - 9/89 Postdoctoral Research Fellow Rutgers University, Newark, New Jersey, U.S.A.
 1987 Ph.D. in Pharmacology (full marks cum laude).
 1984 Degree in Pharmaceutical Chemistry and Technology (full marks).

Grants and awards

Recipient of a 2001 Young Investigator Award from NARSAD, USA
 Co-Recipient of a grant (FIRB) from Italian Ministry of University and Research (2001);
 Recipient of grants from the Italian Ministry of Health – year 2001/02; 2005/06; 2009/10;
 Recipient of a grant (PRIN) from Italian Ministry of University and Research year 2004-2005;
 Scientific coordinator and Recipient of a grant (PRIN) from MIUR year 2006/07 and 2009/10:
 Co-Recipient of a grant from Governmental Department for Drugs of Abuse 2005/06:
 Recipient of a grant from Mariani Foundation (2006/07):
 Recipient of a collaborative project (Italy-Germany) VIGONI year 2004/05; 2009/10;
 Recipient of grants and Liberal contributions from Pharmaceutical Industries.

Primary research interests

- Analysis of molecular mechanisms underlying the action of psychotropic drugs, primarily focusing on the regulation of neuroplastic markers, glutamate function as well activity and trafficking of signaling proteins;
- Molecular and behavioral analysis of developmental and genetic animal models for psychiatric disorders (primarily depression and schizophrenia);
- Investigation of regulatory mechanisms for neurotrophic factor production and function within the CNS;
- Analysis of the molecular effects of stress in different experimental setting and its impact on psychopathology.

Summary of research activity

Author of 86 papers on peer review journals (4 under review); 14 chapters of books or Congress proceedings.
 Invited speaker at University or Foreign laboratories, including Sandoz Pharma, Eli Lilly UK, Merck, University of Dublin, University of Heidelberg, Hannover Medical School, ETH Zurich.
 Organizer of symposia at National and International Congresses; 34 Invitations to International Congresses;
 36 Invitations to National congresses; Speakers at CME courses.
 Advisory board member for Eli Lilly and AstraZeneca

Member of the following: Society for Neuroscience; Collegium Internationale Neuropsychopharmacologicum; European College of Neuropsychopharmacology; Italian Society of Pharmacology; Italian Society of Neuroscience; Italian Society of Neuropsychopharmacology

Member of the Editorial board for the *International Journal of Developmental Neuroscience*

Reviewer for several Journals in the field of Neuroscience, Pharmacology and Psychiatry.

Grant reviewer for Italian Ministry of Research; Alzheimer's Association; EU- ERC Starting Grants; National Research Foundation South Africa

External reviewer of PhD thesis for Mental Health Research Institute in Melbourne, Australia; UCD School of Biomolecular and Biomedical Sciences, University College Dublin

10 selected publications on peer-review international journals: Year 2004-2009

1. Roceri M., Cirulli F., Pessina C., Peretto P., Racagni G. and **Riva M.A.** Postnatal repeated maternal deprivation produces age dependent changes of BDNF expression in selected rat brain regions. *Biological Psychiatry* 55:708-14, 2004
2. **Riva M.A.**, Molteni R., Fumagalli F., Bedogni F. and Racagni G. Emerging role of the FGF system in psychiatric disorders. *Trends Pharmacol. Sci.*, 26:228-231, 2005.
3. Fumagalli F., Bedogni F., Slotkin T.A., Racagni G. and **Riva M.A.** Prenatal stress elicits regionally-selective changes in basal FGF-2 gene expression in adulthood and alters the adult response to acute or chronic stress. *Neurobiology of disease*, 20:731-7, 2005.
4. Fadda P., Bedogni F., Fresu A., M. Collu, Racagni G. **Riva M.A.** Reduction of fronto-striatal glutamatergic fibers in FGF2 deficient mice is associated with hyperactivity and enhanced dopaminergic transmission. *Biological Psychiatry*, 62(3):235-42, 2007.
5. Fumagalli F., Molteni R., Racagni G., **Riva M.A.** Stress during development: impact on neuroplasticity and relevance to psychopathology. *Progress in Neurobiology*, 81:197-217, 2007.
6. Calabrese F., Molteni R., Maj P.F., Cattaneo A., Gennarelli M., Racagni G. and **Riva M.A.** Chronic Duloxetine Treatment Induces Specific Changes in the Expression of BDNF Transcripts and in the Subcellular Localization of the Neurotrophin Protein. *Neuropsychopharmacology*, 32:2351-2359, 2007.
7. Fumagalli F., Frasca A., Racagni G., **Riva M.A.** Dynamic regulation of glutamatergic post-synaptic activity in rat prefrontal cortex by repeated administration of antipsychotic drugs. *Molecular Pharmacol*, 73:1484-90, 2008.
8. Molteni R, Calabrese F., Cattaneo A., Mancini M., Gennarelli M., Racagni G. and **Riva M.A.** Acute stress responsiveness of the neurotrophin BDNF in the rat hippocampus is modulated by chronic antidepressant treatment. *Neuropsychopharmacology*. 34:1523-32, 2009.
9. Molteni R, Calabrese F., Maj P.F., Olivier D.A., Racagni G., Ellenbroek B.A. and **Riva M.A.** Altered expression and modulation of activity-regulated cytoskeletal associated protein (Arc) in serotonin transporter knockout rats. *Eur. Neuropsychopharmacology*, in press, 2009.
10. Molteni R, Calabrese F., Racagni G., Fumagalli F. and **Riva M.A.** Antipsychotic drug actions on gene modulation and signaling mechanisms. *Pharmacology and Therapeutics* 124:74-85, 2009.