



Adriana Caterina Maggi

Professore Ordinario



EDUCATION AND LAVORATIVE EXPERIENCE

Full Professor, University of Milan

Co-Founder TOP s.r.l., a spin-off of the University of Milan

Visiting Professor at Baylor College of Medicine, Dept. of Molecular and Cell Biology

Teaching associate University of Texas Medical School Houston, Dip. Farmacologia e Neurobiologia Tx, USA

Post-doc Baylor College of Medicine Houston, Dip. Biologia cellulare, Tx, USA

Doctor in Biology, University of Milano, Italy

OTHER EXPERIENCES AND PROFESSIONAL MEMBERSHIPS

Director of the Center of Excellence on Neurodegenerative Diseases, University of Milan

Member MIUR (Italian Ministry of University and Research) - Management Board JPND

Expert Italian member Miur for Committee "Programma Horizon 2020"

Vice President – Management Board, Joint Programme of Neurodegenerative Disease (JPND)

FIVE PUBLICATION MORE SIGNIFICATIVE:

- VILLA A., DELLA TORRE S., STELL A., COOK J., BROWN M. and MAGGI A. Tetradian oscillation of estrogen receptor alpha is necessary to prevent liver lipid deposition. *Proc Natl Acad Sci U S A*, (2012) 17: 109-129
- DELLA TORRE S., RANDO G., MEDA C., STELL A., CHAMBON P., KTUST A., IBARRA C., MAGNI P., CIANA P. and MAGGI A. Amino acid-dependent activation of liver estrogen receptor alpha integrates metabolic and reproductive functions via IGF-1. *Cell Metabolism*, (2011) 13: 205-214
- BENEDEUSI E., MEDA C., DELLA TORRE S., MONTELEONE G., VEGETO E. and MAGGI A. A lack of ovarian function increases neuroinflammation in aged mice. *Endocrinology*, (2012) 153: 2777-2788
- FONTANA R., DELLA TORRE S., MEDA C., LONGO A., EVA C. and MAGGI A. Estrogen replacement therapy regulation of energy metabolism in female mouse hypothalamus. *Endocrinology*. (2014) 155: 2213-21
- DELLA TORRE S., BENEDEUSI V., FONTANA R. and MAGGI A. Energy metabolism and fertility-a balance preserved for female health. *Nature Review Endocrinology*. (2013)10: 13-23

INTERESTS:

Physiological role of estrogen receptors with particular focus on the receptor activities in non-reproductive organs in women aging. Molecular mechanism of estrogen receptor anti-inflammatory activity and estrogen receptor involvement in the cross-coupling of reproductive and metabolic organs. Pharmacological regulation of estrogen receptor.