

CURRICULUM VITAE

NAME Stefania Miccadei Tumor Immunology and Immunotherapy Unit Department of Research, Advanced Diagnostic and Technological Innovation. IRCCS Regina Elena National Cancer Institute, Rome, Italy	POSITION TITLE Senior Researcher		
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
"Sapienza University", Rome, Italy "Sapienza University", Rome, Italy "Sapienza University", Rome, Italy Cambridge English University, Cambridge UK	Biology Specialization Ph.D. 1°Certificate	1973-1978 1981-1985 1988-1991 -1981	Biological Science Clinical Pathology Human Pathology English Language

Position and Employment

1978-1981-Training at "Forlanini Hospital" of Rome in 1) Haematology 2) Clinical Chemistry 3) Microbiology

1980-1984 Assistant Professor, Clinical Laboratory "Gianicolense" in Rome, Italy.

1982 Assistant Professor, Clinical Laboratory "Biotest Tuscolo" in Rome, Italy.

1983-1984 Assistant Professor of Chemistry and Biochemistry . Nursery School. "Forlanini Hospital", Rome, Italy.

1983-1984 Visiting Scientist, Laboratory of Microbiology "Forlanini Hospital", Rome, Italy.

1984-1988 Post doctoral fellow in Pathology Department, "Thomas Jefferson University", Philadelphia, Pennsylvania, USA

1991-present Senior Researcher, Italian National Cancer Institute "Regina Elena", Rome, Italy

1998-2010 Professor in Human Pathology, School of Specialization in Clinical Pathology "University of Rome La Sapienza"

2008-2010 Professor in Nutraceuticals Master "Gastronomic Science and Pathology" University of Rome La Sapienza".

Peer-reviewed Publications

1. Kyle M.E., **Miccadei S.**, Nakae D. and Farber, J.L. 1987 "Superoxide dismutase and catalase protect cultured hepatocytes from the toxicity of acetaminophen". *Biochem. Biophys. Res. Commun.* vol.149, n.3.

2. **Miccadei, S.**, Gilfor, D. and Farber J.L. 1988 "Toxic consequence of the abrupt depletion of glutathione in cultured rat hepatocytes." *Arch. Biochem. Biophys.* vol.265 n.2, pp.302-310.

3. **Miccadei S.**, Nakae D., Kyle M.E., Gilfor D. and Farber J.L. 1988 "Oxidative cell injury in the killing of cultured hepatocytes by allyl alcohol". *Arch. Biochem. Biophys.* vol.265 n.2, pp.311-320.

4. Kyle M.E., Nakae D., Sakaida I., **Miccadei S.** and Farber J.L. 1988 "Endocytosis of superoxide dismutase is required in order for the enzyme to protect hepatocytes from the cytotoxicity of hydrogen peroxidase". *J. Biol. Chem.* vol.263, n.8, 3784-3789.

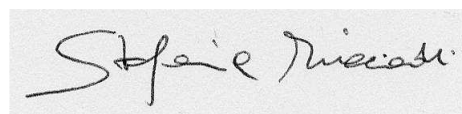
5. Russo M.A., Gradini R., Morgante E., **Miccadei S.**, Zurlo A., Perrone G.A., Ianniello S., Pasquini S., Rasio D., Realacci M., Fragomele F. and Cittadini. A.1991."Abnormal cytoskeletal function in cell necrosis and apoptosis." *Acta Med. Rom.* 29, 170-191.
7. **Miccadei S.** and Floridi, A. 1993 "Sites of inhibition of mitochondrial electron transport by cadmium" *Chem. Biol. Interactions* 89, 159-167.
8. **Miccadei S.**, Pulselli R. and Floridi, A.1993 "Effect of lonidamine and rhein on the phosphorylation potential generated by respiring rat liver mitochondria". *Anticancer Research* 13, 1507-1510.
9. **Miccadei S.** Fanciulli M., Bruno T., Paggi M.G.and Floridi A.1996 "Energy metabolism in adriamycin-sensitive and -resistant Ehrlich ascites tumor cells." *Oncology Research* vol.8, n.1, 27-35.
- 10.Esposito C., **Miccadei S.**, Saiardi A. and Civitareale D. 1998 "Pax8 activates the enhancer of the human thyroperoxidase gene". *Biochem. J.* 331, 37-40.
- 11.Floridi A., Bruno T., **Miccadei S.**, Fanciulli M., Federico A. and Paggi M.G.1998."Enhancement of doxorubicin content by the antitumor drug lonidamine in resistant Ehrlich ascites tumor cells through modulation of energy metabolism".*Biochem. Pharmacol.* Vol.56, 841-849.
- 12.De Leo R., **Miccadei S.**, Zammarchi E. and Civitareale D. 2000."Role for p300 in Pax8 induction of tyroperoxidase gene expression"*J.Biol.Chem.*, vol.275 n44 issue nov.3 pp34100-34105.
- 13.**Miccadei S.**, De Leo R, Zammarchi E., Natali P.G. and Civitareale D. 2002."The synergistic activity of thyroid transcription factor 1 and Pax 8 relies on the promoter/enhancer interplay"*Mol. Endocrinol*, April, 16(4):837-846.
- 14.Azzini E., Bugianesi R., Romano F., Di Venere D., **Miccadei S.**, Durazzo A., Foddai M.S., Catasta G., Linsalata V., Maiani G. 2007. Absorption and metabolism of bioactive molecules after oral consumption of cooked edible heads of *Cynara scolymus* (cultivar Violetto di Provenza) in human subjects: a pilot study. *British J. Nutrition*, 97(5), 963-969.
- 15.**Miccadei S.**, Di Venere D., Cardinali A., Romano F., Durazzo A., Foddai M.S., Fraioli R., Mobarhan S., Maiani G., 2008. Antioxidative and apoptotic properties of polyphenolic extracts from edible part of artichoke (*Cynara scolymus* L.) on cultured rat hepatocytes and on human hepatoma cells. *Nutrition and Cancer*, 60 (2), 276-283.
- 16.**Miccadei S.**, Pascucci B, Picardo M, Natali PG, Civitareale D. 2008. Identification of the minimal melanocytes-specific promoter in the melanocortin receptor 1 gene. *J.Exp.Clin.Cancer Res.* Nov.18; 27:71.
- 17.**Miccadei S.**, Di Venere, A. Cardinali et al., "Antioxidative and apoptotic properties of polyphenolic extracts from edible part of artichoke (*Cynara scolymus* L.) on cultured rat hepatocytes and on human hepatoma cells," *Nutrition and Cancer*, vol. 60, no. 2, pp. 276–283, 2008.
- 18.Mileo A.M, Di Venere D., Linsalata V., Fraioli R. and **Miccadei S.** 2012, "Artichoke polyphenols induce apoptosis and decrease the invasive potential of the human breast cancer cell line MDAMB231,"*Journal of Cellular Physiology*, vol. 227, no. 9, pp. 3301–3309.
- 19.Mileo A.M., Di Venere D., Abbruzzese C. and **Miccadei S.** 2015. "Long term exposure to polyphenols of artichoke (*Cynara scolymus* L.) exerts induction of senescence driven growth arrest in the MDA-MB231 human breast cancer cell line," *OxidativeMedicine and Cellular Longevity*, vol. 2015, Article ID 363827, 11 pages.
20. **Miccadei S.**, Masella R, Mileo AM, Gessani S." ω3 Polyunsaturated Fatty Acids as Immunomodulators in Colorectal Cancer: New Potential Role in Adjuvant Therapies". *Front Immunol.* 2016 Nov 15;7:486. eCollection 2016. Review
21. Mileo AM, **Miccadei S.** "Polyphenols as Modulator of Oxidative Stress in Cancer Disease: New Therapeutic Strategies".*Oxid Med Cell Longev.* 2016;2016:6475624. doi: 10.1155/2016/6475624. Epub 2015 Nov 16.

22. Mileo AM, Di Venere D and **Miccadei S**. 2016 "Antitumour effects of artichoke polyphenols: cell death and ROS-mediated epigenetic growth arrest" *Stem Cell Epigenetic* 2016; 3: e1242 doi:10.14800/sce.1242
23. Mileo AM, Nisticò P and Miccadei S 2019 Polyphenols: Immunomodulatory and Therapeutic Implication in Colorectal Cancer. *Front. Immunol.* 10:729. doi: 10.3389/fimmu.2019.00729
24. Matteoni S, Abbruzzese C, Matarrese P, De Luca G, Mileo AM, **Miccadei S**, Schenone S, Musumeci F, Haas TL, Sette G, Carapella CM, Amato R, Perrotti N, Signore M, Paggi MG 2019. "The kinase inhibitor SI113 induces autophagy and synergizes with quinacrine in hindering the growth of human glioblastoma multiforme cells". *J Exp Clin Cancer Res.* 2019 May 17;38(1):202. doi: 10.1186/s13046-019-1212-1.

Book Chapter

Caratterizzazione, biodisponibilità ed assorbimento di composti bioattivi. Carciofo. Collana Cultura e Cultura. 2009

3 september 2019

A rectangular box containing a handwritten signature in black ink. The signature appears to read "Stefania Miccadei".