

CURRICULUM VITAE

GIOVANNI SCAPAGNINI

Giovanni Scapagnini was born in Naples on 31/08/1966

1992 Medical Degree, School of Medicine and Surgery, University of Catania, Italy

2001 PhD in Neurobiology, Institute of Biochemistry, University of Catania, Italy

1992 – 1998 Research fellow, Institute of Biochemistry, Faculty of Medicine, University of Catania, Italy

1999 Research fellow, Department of Surgical Research Northwick Park Institute for Medical Research Harrow, Middlesex, United Kingdom

2000 Visiting Scientist, Laboratory of Adaptive Systems, National Institute of Neurological Disorders and Stroke, National Institutes of the Health, Bethesda MD

2000-2003 Research Assistant Professor, Blanchette Rockefeller Neurosciences Institute, West Virginia University at Johns Hopkins University, Rockville, MD

2003-2006 Research Assistant Professor, Institute of Neurological Sciences, Italian National Research Council, Catania, Italy

2006 Associate Professor, Clinical Biochemistry, Faculty of Medicine, University of Molise, Campobasso, Italy

From 2003 Visiting professor, New York Medical College, Walalla NY (USA), Department of Pharmacology. Research Project: "The role of heme oxygenase system in the CNS"

From 2004 Visiting professor, Visiting Professor, Institute of Human Virology, University of Maryland, Baltimore, MD (USA) Research Project: "HIV Dementia: novel pharmacological targets"

He took part in about 80 abstracts in international congress, published 54 scientific papers on international journal, 6 chapters in scientific books and was author of 6 patents. He has organized 5 international congress on the theme of "cellular stress response" and "biology of aging processes". He has been invited speaker to 70 national and international congress. He is referee of international journals including: Journal Neurochemistry, Journal of Pharmacology and Experimental Therapeutics, Brain Research, Biochemical Pharmacology, Antioxidant and Redox Signalling, Journal of Free Radicals Biology and Medicine.

Publications

1. Calabrese V, **Scapagnini G**, Randazzo SD, Randazzo G, Catalano C, Geraci, Morganti P (1999) *Oxidative stress and antioxidants at skin biosurface: a novel antioxidant from lemon oil capable of inhibiting oxidative damage to the skin*. Drugs Exptl. Clin. Res.; XXV (6) 281-287.
2. Calabrese V, **Scapagnini G**, Catalano C, Dinotta F, Geraci D, Morganti P (2000) *Biochemical studies of a natural antioxidant isolated from rosemary and its application in cosmetic dermatology*. Int J Tissue React;22 (1): 5-13
3. **Scapagnini G**, Di Notta F, Calabrese V (2000) *Oxidative stress and neurodegenerative disorders: the role of vitamin E in nutritional neuroscience*. Dermatologia, ed. Italiana di international journal of immunopathology and pharmacology vol 1 (3)

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11. Calabrese V, **Scapagnini G**, Ravagna A, Giuffrida Stella AM, Butterfield DA (2002) Molecular chaperones and their roles in neural cell differentiation. *Dev Neurosci*;24(1):1-13
12. D'Agata V, Zhao W, Pascale A, Zohar O, **Scapagnini G**, Cavallaro S. (2002) Distribution of parkin in the adult rat brain *Prog Neuropsychopharmacol Biol Psychiatry Apr*;26(3):519-27
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14. **Scapagnini G**, Foresti R, Calabrese V, Giuffrida Stella AM, Green CJ, Motterlini R. (2002) Caffeic acid phenethyl ester and curcumin: a novel class of heme oxygenase-1 inducers. *Mol Pharmacol Mar*;61(3):554-61
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54. Di Bona D, **Scapagnini G**, Candore G, Castiglia L, Colonna-Romano G, Duro G, Iemolo F, Lio D, Pellicanò M, Scafidi V, Caruso C, Vasto S. (2010) Immune-inflammatory responses and oxidative stress in Alzheimer's disease: therapeutic implications. *Curr Pharm Des.* 16 (in press)

Chapters and letters

1. **Scapagnini G**, Giuffrida Stella AM, Abraham NG, Alkon DL, Calabrese V. (2002) Differential expression of heme oxygenase-1 in rat brain by endotoxin (LPS) in "Heme oxygenase in biology and medicine" Kluwer Academic/Plenum Pub. NY, 10:121-34
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3. **Scapagnini G**, Nelson T, Alkon DL (2003) Regulation of Ca²⁺ stores in glial cells. In "Non-Neuronal Cells of the Nervous System: Function and Dysfunction" *Adv in Mol Cell Biol*;31:635-61. Elsevier Pub Amsterdam.
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Patents

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2. **Scapagnini G**, Cavazza C. *Use of acyl L-carnitine gamma-hydroxybutyrate for the manufacture of a medicament for the treatment of drug addiction.* European Patent Number: EP0630648 Publication date: 1994-12-28
3. Bizzini B, **Scapagnini G**, Volpato I, Donadelli M. *Chemically derivatized non-digestible and/or non-absorbable biopolymers as competitive antagonists of intestinal absorption of nutrients.* Patent Number: EP1064858 Publication date: 2001-01-03
4. Bizzini B, **Scapagnini G**, Volpato I, Magara M, Veneroni F, Volpato L. *Oligosaccharide metabolites of glycosaminoglycans and their use in the diagnosis and treatment of complications of diabetes.* World Patent Number: WO0104632 Publication date: 2001-01-18

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