



Europass Curriculum Vitae

Personal information

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Nationality italian

Occupational field University Professor MED04

Work experience

Occupation or position held 2001-now Full Professor of General Pathology, Dept Experimental Medicine, Faculty of Medicine and Dentistry, University Sapienza, Rome, Italy

1998-2001 Assistant Professor of General Pathology, Faculty of Medicine "A Gemelli", Catholic University, Rome, Italy

1990-1998 Researcher, Dept Experimental Medicine, Faculty of Medicine, University Sapienza, Rome, Italy

1985-1990 Clinical Pathology Specialization, Faculty of Medicine, University Sapienza, Rome, Italy

1982-1985 Visiting Fellow, National Cancer Institute, National Institutes of Health, Bethesda, USA

Education and training

1981 PhD in Biological Science, University of Padova, Italy

1990 Specialist in Clinical Pathology, University Sapienza, Rome, Italy

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

Language English

Language

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
	B2		B2		B2		B2

(*) [Common European Framework of Reference for Languages](#)

Additional information

Office hours for students

Monday-Friday 8-14 by appointment

Teaching

- 1) Corso di "Patologia e Fisiopatologia Generale I" nel Corso Laurea Magistrale in Medicina e Chirurgia D
- 2) Corso di "Patologia e Fisiopatologia Generale II" nel Corso Laurea Magistrale in Medicina e Chirurgia D
- 3) Dottorato di Ricerca "Medicina Molecolare" Sapienza

Scientific Publications

- Modesti A, Kalebic T, Scarpa S, Togo S, Liotta L, Triche TJ. Type V collagen in human amnion is a 12 nm fibrillar component of the pericellular interstitium. *European Journal of Cell Biology* 35: 246-255, 1984.
- Verna R, Galli C, Pascale E, Pozzi D, D'Amore L, Scarpa S, Frati L, Modesti A: Prostaglandin-induced storage and secretion of esteroproteases in the mouse submaxillary gland. *Cytobios* 46: 37-41, 1986.
- Scarpa S, Modesti A, Triche TJ: Extracellular matrix synthesis by undifferentiated childhood neoplasia. *American Journal of Pathology* 129: 74-85, 1987.
- Scarpa S, D'Orazi G, Modesti M, Modesti A: Ewing's sarcoma lines synthesize laminin and fibronectin. *Virchows Archives A* 410: 375-381, 1987.
- Tsokos M, Scarpa S, Ross RA, Triche TJ: Differentiation of human neuroblastoma recapitulates neural crest development: study of morphology, neurotransmitter enzymes and extracellular matrix proteins. *American Journal of Pathology* 128: 484-496, 1987.
- Santoni A, Scarpa S, Morrone S, Punturieri A, Gismondi A, D'Orazi G, Testi R, Piccoli M, Frati L, Modesti A: Laminin production by Natural Killer Cells. *Protides of Biological Fluids* 35: 217-220, 1987.
- Scarpa S, D'Orazi G, Modesti A, Valia S, Zucco F, Stammati A: Expression and synthesis of fibronectin and laminin by an intestinal epithelial cell line. *Tissue & Cell* 20: 305-312, 1988.
- Scarpa S, Morstyn G, Carney DN, Modesti A, Triche TJ: Small cell lung cancer pure and variant types can be distinguished by their extracellular matrix synthesis in vitro. *The European Respiratory Journal* 1: 639-644, 1988.
- Santoni A, Punturieri A, Morrone S, Scarpa S, Gismondi A, D'Orazi G, Piccoli M, Frati L, Modesti A: Laminin expression by rat lymphoid cells. *The Italian Journal of Biochemistry* 37: 244A-246A, 1988.
- Scarpa S, Dominici C, Grammatico P, Del Porto G, Raschella` G, Castello M, Forni G, Modesti A: Establishment and characterization of a human neuroblastoma cell line. *International Journal of Cancer*, 43: 645-652, 1989.
- Santoni A, Gismondi A, Morrone S, Procopio A, Modesti A, Scarpa S, D'Orazi G, Piccoli M, Frati L: Rat natural Killer cells synthesize fibronectin: possible involvement in the cytotoxic function. *The Journal of Immunology* 143: 2415-2421, 1989.
- Morrone S, Scarpa S, Punturieri A, Testi R, Gismondi A, Santoni G, Piccoli M, Frati L, Modesti A, Santoni A: Laminin synthesis by NK cells and modulation of its expression by TPA. *Experimental Cell Research* 182: 543-549, 1989.
- Scarpa S, Reddy MP, Bressani N, Mims S, Massari F, Triche TJ: A novel 500,000 Da, linear, single chain extracellular protein synthesized by several childhood tumors. *The Italian Journal of Biochemistry* 38: 330-348, 1989.
- Caretto P, Forni M, D'Orazi G, Scarpa S, Feraioni P, Jemma C, Modesti A, Ferrarini M, Roncella S, Foa` R, Forni G: Xenotransplantation in immunosuppressed nude mice of human solid tumors and acute leukemias directly from patients or in vitro cell lines. *Research in Clinic and Laboratory* 19: 231-243, 1989.
- Silvestroni L, Menditto A, Modesti A, Scarpa S: Zinc uptake in human seminal spermatozoa: characterization and effects on cell membranes. *Archives of Andrology* 23: 97-103, 1989.
- Carbonari M, Gaetano C, Cerchi M, Scarpa S, Modesti A, Fiorilli M: Expression of the natural killer antigen Leu 19/NKH-1 by human neural tumor cell lines. *Journal of Immunological Research* 1: 163-167, 1989.
- Raschella` G, Negroni A, Giubilei C, Romeo A, Mauro F, Scarpa S, Castello M, Dominici C: Human neuroblastoma as model for studying tumor heterogeneity at genomic and trascriptional level. *Clinical Chemistry and Enzymology Communications* 2: 253-259, 1990.
- Grammatico P, Lo Re ML, Scarpa S, Modesti A, Del Porto G: Human malignant melanoma: significance of chromosomal aberrations. *Cancer Genetics and Cytogenetics* 48: 237-242, 1990.
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- Negroni A, Scarpa S, Romeo A, Ferrari S, Modesti A, Raschella` G: Decrease of proliferation rate and induction of differentiation by an MYCN antisense oligomer in a human neuroblastoma cell line. *Cell Growth and Differentiation* 2: 511-518, 1991.
- Grammatico P, Scarpa S, Steindl K, Picardo M, Modesti A, Nazzaro-Porro M, Del Porto G: Effect of azelaic acid on viability, ultrastructure and karyotype of melanoma cells in long term culture. *The Cancer Journal* 4: 39-43, 1991.

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Salvioli R, Scarpa S, Ciaffoni F, Tatti M, Ramoni C, Vanier MT, Vaccaro AM: Glucosylceramidase mass and subcellular localization are modulated by cholesterol in Niemann-Pick disease type C. *J Biol Chem* 279: 17674-17680, 2004.

Vasaturo F, Malacrino C, Sallusti E, Coppotelli G, Birarelli P, Giuffrida A, Albonici L, Simonelli L, Modesti A, Modesti M, Scarpa S: Role of extracellular matrix in regulation of staurosporine-induced apoptosis in breast cancer cells. *Oncol Report* 13: 745-750, 2005.

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Scarpa S, Fazi M, Coletti A, Modesti M, Ciaffoni F, Felicetti F, Kaneski CR, Brady RO, Vaccaro AM: The N370S mutation affects the capacity of glucosylceramidase to interact with anionic phospholipid-containing membranes and Saposin C. *Biochem J* 390: 95-103, 2005.

Salvioli R, Tatti M, Scarpa S, Moavero SM, Ciaffoni F, Felicetti F, Kaneski CR, Brady RO, Vaccaro AM. The N370S mutation affects the capacity of glucosylceramidase to interact with anionic phospholipid-containing membranes and Saposin C. *Biochem J* 390: 95-103, 2005.

Vasaturo F, Sallusti E, Gradilone A, Malacrino C, Nardo T, Avagnano G, Aglianò AM, Granato T, Vincenzi B, Coppotelli G, Marzullo A, Soda G, Modesti M, Scarpa S. Comparison of extracellular matrix and apoptotic markers between benign lesions and carcinomas in human breast. *Int J Oncol*. 27: 1005-11, 2005.

Parisi Q, Biondi-Zoccai GG, Abbate A, Santini D, Vasaturo F, Scarpa S, Bussani R, Leone AM, Petrolini A, Silvestri F, Biasucci LM, Baldi A. Hypoxia inducible factor-1 expression mediates myocardial response to ischemia late after acute myocardial infarction. *Int J Cardiol*. 99: 337-339, 2005.

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Santini D, Caraglia M, Vincenzi B, Hohen I, Scarpa S, Budillon A, Tonini G. Mechanisms of disease: preclinical reports of antineoplastic synergistic action of bisphosphonates. *Nature Clin Pract Oncol* 3: 325-338, 2006.

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