

	
Cognome e Nome	GRILL VITTORIO
Ruolo	PROFESSORE ASSOCIATO CONFERMATO
Settore Scientifico Disciplinare	BIO/16 – ANATOMIA UMANA
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Ricevimento	PREVIO APPUNTAMENTO TELEFONICO o E-MAIL
Profilo	<ul style="list-style-type: none"> ❖ Nato a Trieste il 06.12.1957 ❖ 07.11.1983: Laurea in Farmacia (110/110), Università di Trieste. ❖ Posizioni lavorative ricoperte: <ul style="list-style-type: none"> • 08.11.1983-14.03.1989: tecnico esecutivo, Istituto di Anatomia Umana Normale dell' Università di Trieste; • 15.03.1989 – 20.10.1991: funzionario tecnico presso il medesimo Istituto. • 21.10.1991 – 31.10.1998 ricercatore universitario, Facoltà di Medicina e Chirurgia dell' Università di Trieste, settore E09-Anatomia Umana e Istologia (opzione per il settore scientifico-disciplinare E09A-Anatomia Umana a partire dal 01.09.1995). • 01.11.1998 a tutt' oggi è PROFESSORE ASSOCIATO del settore scientifico disciplinare BIO/16 (già E09A)-Anatomia Umana, Dipartimento di Scienze della Vita, Università di Trieste. ❖ Autore di oltre 70 pubblicazioni scientifiche a stampa (Impact Factor, I.F., 100,313) e di oltre 100 comunicazioni a congressi nazionali ed internazionali. ❖ Attività Didattica: insegnamenti ufficiali nei settori scientifico-disciplinari BIO/16-ANATOMIA UMANA e BIO/17-ISTOLOGIA.
Campi di ricerca	Immunocitochimica di antigeni coinvolti nei processi di

	<p>adesione cellulare e loro rapporto con la proliferazione cellulare (fibronectina, integrine): loro coinvolgimento nella biocompatibilita' in vitro di biomateriali.</p> <p>Biocompatibilità in vitro di biomateriali per uso odontoiatrico.</p> <p>Indagini sui processi di ossificazione</p> <p>Espressione dei recettori della proteina anticancerosa TRAIL in varie linee cellulari ed in organi, in particolare relativi all' apparato cardio-circolatorio.</p>
<p>Principali pubblicazioni</p>	<p>G. Decorti, F. Bartoli Klugmann, L. Candussio, M. Basa, F. Mallardi, V. GRILL, L. Baldini. Effect of polyethylene glycol 400 on adriamycin induce histamine release. <i>European Journal of Cancer & Clinical Oncology</i> 22, 793-799; 1986.</p> <p>R. Bareggi, P. Narducci, V. GRILL, F. Mallardi, M. Zweyer, P. Fusaroli. Localization of an aminoglycoside (streptomycin) in the inner ear after its systemic administration. A histochemical study using fluorescence microscopy. <i>Histochemistry</i> 84, 237-240; 1986.</p> <p>V. GRILL, A.M. Martelli, R. Bareggi, S. Santi, M. Basa, M. Zweyer, L. Cocco, P. Narducci. Protein kinase C isoenzymes in mouse Harderian gland. Differential expression of the and isoforms during pregnancy. <i>Histochemistry</i> 103, 255-262; 1995.</p> <p>R. Bareggi, V. GRILL, M. Zweyer, P. Narducci, A.M. Martelli Distribution of the extended family of protein chinase C isoenzymes in fetal organs of mice. An immunohistochemical study. <i>Cell & Tissue Research</i> 280, 617-625; 1995.</p> <p>M. Zweyer, R. Bareggi, V. GRILL, M.R. Soranzo, R.A. Marugg, B.M Riederer, P. Narducci, A.M. Martelli. Behaviour of nuclear matrix protein during camptothecin-induced apoptosis in HL-60 leukemia cells. <i>Experimental Cell Research</i> 221, 27-40; 1995.</p> <p>A.M. Martelli, R. Bortul, R. Bareggi, G. Tabellini, V. GRILL, G. Baldini, P. Narducci. The pro-apoptotic drug camptothecin stimulates phospholipase D activity and diacylglycerol production in the nucleus of HL-60 human promyelocytic leukemia cells. <i>Cancer Research</i> 59, 3961-3967; 1999.</p> <p>A.M. Martelli, G. Tabellini, R. Bortul, L. Manzoli, R. Bareggi, G. Baldini, V. GRILL, M. Zweyer, P. Narducci, L. Cocco. Enhanced nuclear diacylglycerol kinase activity in response to a mitogenic stimulation of quiescent Swiss 3T3 cells with insulin-like growth factor I. <i>Cancer Research</i> 60, 815-821; 2000.</p> <p>V. GRILL, M.A. Sandrucci, R. Di Lenarda, M. Basa, P. Narducci, A.M. Martelli, R. Bareggi. Biocompatibility evaluation in vitro of dental metal alloys: fibronectin expression patterns and relationships to cell proliferation rate. <i>Quintessence International</i> 31, 741-747; 2000.</p> <p>V. GRILL, M.A. Sandrucci, R. Di Lenarda, M. Cadenaro, P. Narducci, R. Bareggi, A.M. Martelli. Biocompatibility evaluation of dental metal alloys in vitro: expression of extracellular matrix molecules and its relationship to cell proliferation rates. <i>Journal of Biomedical Materials Research</i> 52, 479-487; 2000.</p>

G. Tabellini, R. Bortul, M. Aluigi, A.M. Billi, R. Bareggi, **V. GRILL**, P. Narducci, A.M. Martelli. Binding of elements of protein kinase C-alpha regulatory domain to lamin B1. *Cellular Signalling* 14, 819-827; **2002**.

A. Gonelli, P. Mirandola, **V. GRILL**, P. Secchiero, G. Zauli. Human herpesvirus-7 infection impairs the survival / differentiation of megakaryocytic cells. *Haematologica* 87, 1223-1225; **2002**.

P. Secchiero, A. Gonelli, G. Ciabattini, E. Melloni, **V. GRILL**, B. Rocca, G. Delbello, G. Zauli. TNF-related apoptosis-inducing ligand (TRAIL) up-regulates cyclooxygenase (COX)-1 activity and PGE₂ production in cells of the myeloid lineage. *Journal of Leukocyte Biology* 72, 986-994; **2002**.

G. Zauli, D. Milani, E. Rimondi, G. Baldini, V. Nicolin, **V. GRILL**, P. Secchiero. TRAIL activates a caspase 9/7-dependent pathway in caspase 8/10-defective SK-N-SH neuroblastoma cells with two functional end points: induction of apoptosis and PGE₂ release. *Neoplasia* 5, 457-466; **2003**.

P. Secchiero, C. Zerbinati, E. Rimondi, F. Corallini, D. Milani, **V. GRILL**, G. Forti, S. Capitani, G. Zauli. TRAIL promotes the survival, migration and proliferation of vascular smooth muscle cells. *Cell and Molecular Life Sciences* 61, 1965-1974; **2004**.

V. Nicolin, **V. GRILL**, F. Micali, P. Narducci, S. Passamonti. Immunolocalisation of bilitranslocase in mucosecretory and parietal cells of the rat gastric mucosa. *Journal of Molecular Histology* 36, 45-50; **2005**.

E. Melloni, P. Secchiero, C. Celeghini, D. Campioni, **V. GRILL**, L. Guidotti, G. Zauli. Functional expression of TRAIL and TRAIL-R2 during human megakaryocytic development. *Journal of Cellular Physiology* 204, 975-982; **2005**.

M.A. Sandrucci, V. Nicolin, L. Casagrande, M. Biasotto, L. Breschi, R. Di Lenarda, S. Sancilio, **V. GRILL**. Preconditioning of dental alloys: analysis of fibroblast proliferation and expression of fibronectin and chondroitin sulphate. *Journal of Materials Science – Materials in Medicine* 23, 6233-6240; **2005**.

V. Nicolin, C. Ponti, P. Narducci, **V. GRILL**, R. Bortul, M. Zweyer, M. Vaccarezza, G. Zauli. Different levels of the neuronal nitric oxide synthase isoform modulate the rate of osteoclastic differentiation of TIB-71 and CRL-2278 RAW 264.7 murine cell clones. *The Anatomical Record-Part A* 286A, 945-954; **2005**.

P. Secchiero, C. Zerbinati, M.G. Di Iasio, E. Melloni, M. Tiribelli, **V. GRILL**, G. Zauli. Synergistic cytotoxic activity of recombinant TRAIL plus the non-genotoxic activator of the p53 pathway nutlin-3 in acute myeloid leukemia cells. *Current Drug Metabolism* 8, 395-403; **2007**

E. Barbarotto, F. Corallini, E. Rimondi, R. Fadda, C. Mischiati, **V. GRILL**, M. Vaccarezza, C. Celeghini. Differential Effects of chemotherapeutic drugs versus the MDM-2 antagonist nutlin-3 on cell cycle progression and induction of apoptosis in SKW6.4 lymphoblastoid B-cells. *Journal of Cellular Biochemistry* 104, 595-605; **2008**.

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Candido R, Toffoli B, Corallini F, Bernardi S, Zella D, Voltan R, **GRILL V**, Celeghini C, Fabris B (2010). Human full-length osteoprotegerin induces

	<p>the proliferation of rodent vascular smooth muscle cells both in vitro and in vivo.. <i>Journal Of Vascular Research</i> 47, 252-261; 2010.</p> <p>Zauli G., Corallini F., Zorzet S., GRILL V., Marzari R., Secchiero P. (2012). In vivo anti-lymphoma activity of an agonistic human recombinant anti-TRAIL-R2 minibody.. <i>Investigational New Drugs</i> 30(1), 405-407; 2012</p>
CV in altra lingua	<ul style="list-style-type: none"> ❖ Born at Trieste (Italy) on 06.12.1957 ❖ 07.11.1983: Degree in Pharmacy (110/110), University of Trieste (Italy). ❖ Job Positions sice 1983: <ul style="list-style-type: none"> • 08.11.1983 - 14.03.1989: esecutivo technician, Institute of Human Anatomy, University of Trieste (Italy); • 15.03.1989 - 20.10.1991: highly specialized technician. • 21.10.1991 - 31.10.1998 Assistant Professor of Human Anatomy and Histology, School of Medicine, University of Trieste (Italy);- • Since 01.11.1998 ASSOCIATE PROFESSOR of Human Anatomy, Department of Life Sciences, University of Trieste (Italy). ❖ Author of more than 70 scientific publications (Impact Factor, I.F., 100,313) and more than 100 contributions at scientific meetings . ❖ Teaching Activity: BIO/16-HUMAN ANATOMY and BIO/17-HISTOLOGY.
Altro	<p>Titolare di Fondi per la Ricerca erogati da</p> <ul style="list-style-type: none"> ✓ MPI-MURST-MIUR (ex 60% , FIRB 2001 e COFIN 2006) ✓ REGIONE AUTONOMA FRIULI VENEZIA GIULIA ✓ IMPRESE PRIVATE