

LUCIO COCCO

Curriculum Vitae

- Nato a Chieti il 28.01.1952
- Maturità Classica nella sessione estiva dell'a.s.1969/70

Note sull'attività accademica:

- Laureato in Medicina e Chirurgia nella sessione estiva dell'a.a. 1975/76 con lode e dignità di stampa.
- Specializzato in Medicina dello Sport nell'a.a. 1977/78 con 70 e lode.
- Assistente Ordinario di Anatomia Umana Normale nelle Facoltà Medica di Bologna dall'a.a.1977/78.
- Professore incaricato confermato di Istologia presso la Facoltà Medica di Chieti dall'a.a. 1979/80 all'a.a. 1982/83.
- Professore Associato confermato di Anatomia Umana Normale nella Facoltà Medica di Bologna dall'a.a. 1982/83 all' a.a. 1984/85.
- In tale periodo è stato Docente Ufficiale di Discipline Morfologiche nelle Scuole di Specializzazione in Cardiocirurgia e Ostetricia e Ginecologia dell'Università di Bologna.
- Professore Straordinario e quindi Ordinario di Anatomia Umana Normale nella Facoltà Medica di Chieti dall'a.a. 1985/86 all'a.a. 1989/90.
- In tale periodo è stato Docente Ufficiale di Discipline Morfologiche nelle Scuole di Specializzazione di Reumatologia, Ortopedia e Traumatologia, Medicina del Nuoto e delle attività subaquee, Cardiologia, Pronto soccorso e terapia d'urgenza, Neurologia.
- Direttore della Scuola di Specializzazione in Igiene e Medicina Preventiva dell'Università di Chieti dall'a.a. 1987/88 sino al momento della chiamata quale Professore Ordinario nell'Università di Bologna.
- Professore Ordinario di Anatomia Umana nella Facoltà Medica di Bologna dall'a.a.1990/91, con regime di impegno a tempo pieno.
- Docente di discipline morfologiche nelle Scuole di Specializzazione dell'Università di Bologna in : Cardiocirurgia, Anestesia e Rianimazione, Gastroenterologia, Pediatria, Nefrologia e nella Scuola a fini speciali in Ecotomografia internistica.
- Coordinatore del Dottorato di Ricerca in Scienze Morfologiche Umane e Molecolari con sede in Bologna.
Presidente del Corso di Laurea in Biotecnologie Mediche dell'Università di Bologna.
- Presidente del Comitato 06 per i Fondi Ricerca Scientifica dell'Università di Bologna per gli anni 1997-2003.
- Membro della Commissione Didattica della Facoltà di Medicina e Chirurgia dell'Università di Bologna nel triennio 2004-2007.
- Membro del Consiglio di Presidenza della Facoltà di Medicina e Chirurgia della Università di Bologna dal 2008

Note sulla attività scientifica :

- Anni 1979, 1980, 1981 e 1983 (vincitore di Borsa Nato. CNR) Visiting Staff presso il Beatson Institute for Cancer Res. di Glasgow, U.K.
- Anno 1986 Visiting Professor presso il Department of Biochemistry, Institute of Animal Physiology and Genetics Research, AFRC, Cambridge, U.K.
- Responsabile di Unità Operative dei Progetti finalizzati CNR: a) Ingegneria Genetica, b) Applicazioni Cliniche della Ricerca Oncologica, c) Biotecnologie.
- Direzione di Unità Operativa finanziata con fondi AIRC (Associazione Italiana per la Ricerca sul Cancro) dal 1996.
- Direzione scientifica di Unità Operativa nell'ambito di Progetti di Ricerca Pluriennali dell'Università di Bologna.

- Coordinatore Nazionale Direzione di Progetti biennali MIUR COFIN dal 1999 al 2007.

Dal 1989 ad oggi, relatore su invito aiad oltre 50 Simposi Internazionali, tra i quali, :
 Advances Enzym. Regul. Symposia, Indiana University, USA; FASEB Summer Conferences on Phospholipases and FASEB Summer Conferences on Nuclear Structure and Cancer; Gordon Research Conferences on Signalling, Nobel Symposia in Stockholm on Signalling.

2005:

The Gordon Research Conference Board of Trustees ha approvato la Conferenza Signal Transduction Within the Nucleus – Chairmen L. Cocco and D. Raben, svoltasi in Santa Ynez Valley, S. Barbara, CA, USA February 6-11, 2005. Il Prof. Cocco è stato riconosciuto dal Board come FONDATORE della serie

Onorificenze:

1979: National Società INSIEME Award for research in nuclear structure and function

1983: Research award from Italian CNR-Nato for studies on nuclear lipid metabolism

1986: Research award from Italian CNR-Nato for studies on nuclear signalling

1996: Intl. J. Oncol. and Oncol. Repts. Award

2001: Intl. J. Mol. Med. Award.

Società Scientifiche:

Società Italiana di Anatomia

Società Italiana di Istochimica

Società Italiana di Biologia Sperimentale

American Association for Cancer Research

Society for Analytical Cytology

European Tissue Culture Society

Academia Scientiarum Instituti Bononiensis (Classem Scientiarum Physicarum)- socio corrispondente

American Association for the Advancement of Science

New York Academy of Science

American Society for Cell Biology

Vice Presidente della Società Italiana di Istochimica nel triennio 1994-97

Editorial Board:

Adv. Enzym. Regul. (Co-Editor) dal 2005

Cellular Signalling dal 2006

J.Cell. Biochem. dal 2005

Biochemistry and Cell Biology (Associate Editor) dal 2007

Eur. J. Histochem. dal 1993

Oncology Reports 1996-2003

Intl. J. Oncology dal 2001

Intl. Archives of Biosciences (formerly LifeXY) dal 2001

Intl. J. of Molecular Medicine dal 2003

Advisory board

Dal 2002 è membro dell' Intl. Advisory Board of the Intl. Institute of Anticancer Research, Greece.

Fondi:

1990-95, Principal Investigator and Director of a Research Unit of It. CNR Project Genetic Engineering

1992-1998, Principal Investigator and Director of a Research Unit of It. CNR Project Oncology
Since 1996-, Principal Investigator and Director of a Research Unit of It. Association for Cancer
Research (AIRC).

Since 1997-, Principal Investigator of a Special Project “Selected Research Topics” of the University
of Bologna.

1998-2002, Principal Investigator and Director of a Research Unit of It. CNR Project
Biotechnology.

1999-2000, Principal Investigator and Director of a Research Unit of the It. Ministry for
University and Scientific Research (MIUR Cofin1999)

2001-2003, Principal Investigator of a National Project of the Italian Ministry for University and
Scientific Research MIUR Cofin2001)

Since 2002-, Principal Investigator of the Project “Leukemia and Inositide signalling” sponsored
by Italian CARISBO Foundation.

2002-2004, Principal Investigator and Director of a Research Unit of the It. Ministry for
University and Scientific Research (MIUR Cofin2002)

2003-2005, Principal Investigator of a National Project of the It. Ministry for University and
Scientific Research MIUR Cofin2003)

2005-2007, Principal Investigator of a National Project of the Italian Ministry for University and
Scientific Research MIUR Cofin2005)

2003-2007 FIRB Progetto Post-Genomica

2004- FIRB Interantiol Project Ita-USA

2008- FIRB Rete Nazionale di Proteomica umana, Responsabile di Nodo

Linee di ricerca:

E' autore di 213 pubblicazioni. Le linee di ricerca comprendono: struttura e funzione della cromatina, matrice nucleare, ciclo dei lipidi dell'inositolo, protein chinasi C e ciclo autonomo nucleare dei lipidi dell'inositolo. Lo scopo di tali ricerche è identificare a livello nucleare le fasi chiave che conducono alla crescita cellulare e al differenziamento. In particolare negli ultimi anni, l'attenzione si è focalizzata sullo studio della localizzazione nucleare e dell'attività di signalling dei fosfoinositidi in cellule normali e neoplastiche. La localizzazione nel nucleo di questa via di segnale è stata evidenziata per la prima volta dal suo gruppo di ricerca, come riconosciuto dalla comunità scientifica internazionale. Attualmente la ricerca è indirizzata a comprendere il significato fisiopatologico di questa peculiare localizzazione. **L'impact factor totale** delle pubblicazioni su riveste con comitato di revisori (ISI-JCR 2006) è **1057**, **le citazioni negli ultimi 10 anni** (ICI-JCR 2006) **sono 5751**.

Lavori su riviste da PubMed

1: Cocco L, Faenza I, Follo MY, Ramazzotti G, Gaboardi GC, Billi AM, Martelli AM, Manzoli L.

Inositide signaling: Nuclear targets and involvement in myelodysplastic syndromes.

Adv Enzyme Regul. 2008 Mar 13; [Epub ahead of print] No abstract available.

PMID: 18280812 [PubMed - as supplied by publisher]

2: Faenza I, Bregoli L, Ramazzotti G, Gaboardi G, Follo MY, Mongiorgi S, Billi AM, Manzoli L, Martelli AM, Cocco L.

Nuclear phospholipase C beta1 and cellular differentiation.

Front Biosci. 2008 Jan 1;13:2452-63. Review.

PMID: 17981726 [PubMed - indexed for MEDLINE]

- 3: Martelli AM, Cocco L, Capitani S, Miscia S, Papa S, Manzoli FA.
Nuclear phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3-kinase, Akt, and PTen: emerging key regulators of anti-apoptotic signaling and carcinogenesis.
Eur J Histochem. 2007;51 Suppl 1:125-31. Review.
PMID: 17703603 [PubMed - indexed for MEDLINE]
- 4: Martelli AM, Tazzari PL, Evangelisti C, Chiarini F, Blalock WL, Billi AM, Manzoli L, McCubrey JA, Cocco L.
Targeting the phosphatidylinositol 3-kinase/Akt/mammalian target of rapamycin module for acute myelogenous leukemia therapy: from bench to bedside.
Curr Med Chem. 2007;14(19):2009-23. Review.
PMID: 17691943 [PubMed - indexed for MEDLINE]
- 5: Follo MY, Finelli C, Bosi C, Martinelli G, Mongiorgi S, Baccarani M, Manzoli L, Blalock WL, Martelli AM, Cocco L.
PI-PLCbeta-1 and activated Akt levels are linked to azacitidine responsiveness in high-risk myelodysplastic syndromes.
Leukemia. 2008 Jan;22(1):198-200. Epub 2007 Jul 12. No abstract available.
PMID: 17625605 [PubMed - indexed for MEDLINE]
- 6: Gobbi G, Mirandola P, Sponzilli I, Micheloni C, Malinverno C, Cocco L, Vitale M.
Timing and expression level of protein kinase C epsilon regulate the megakaryocytic differentiation of human CD34 cells.
Stem Cells. 2007 Sep;25(9):2322-9. Epub 2007 Jun 14.
PMID: 17569788 [PubMed - indexed for MEDLINE]
- 7: Evangelisti C, Tazzari PL, Riccio M, Fiume R, Hozumi Y, Falà F, Goto K, Manzoli L, Cocco L, Martelli AM.
Nuclear diacylglycerol kinase-zeta is a negative regulator of cell cycle progression in C2C12 mouse myoblasts.
FASEB J. 2007 Oct;21(12):3297-307. Epub 2007 May 8.
PMID: 17488950 [PubMed - indexed for MEDLINE]
- 8: Follo MY, Mongiorgi S, Bosi C, Cappellini A, Finelli C, Chiarini F, Papa V, Libra M, Martinelli G, Cocco L, Martelli AM.
The Akt/mammalian target of rapamycin signal transduction pathway is activated in high-risk myelodysplastic syndromes and influences cell survival and proliferation.
Cancer Res. 2007 May 1;67(9):4287-94.
PMID: 17483341 [PubMed - indexed for MEDLINE]
- 9: Martelli AM, Evangelist C, Billi AM, Manzoli L, Papa V, Cocco L.
Intranuclear 3'-phosphoinositide metabolism and apoptosis protection in PC12 cells.
Acta Biomed. 2007;78 Suppl 1:113-9.
PMID: 17465329 [PubMed - indexed for MEDLINE]

- 10: Zamai L, Ponti C, Mirandola P, Gobbi G, Papa S, Galeotti L, Cocco L, Vitale M.
NK cells and cancer.
J Immunol. 2007 Apr 1;178(7):4011-6. Review.
PMID: 17371953 [PubMed - indexed for MEDLINE]
- 11: Cocco L, Follo MY, Faenza I, Bavelloni A, Billi AM, Martelli AM, Manzoli L.
Nuclear inositide signaling: an appraisal of phospholipase C beta 1 behavior in myelodysplastic and leukemia cells.
Adv Enzyme Regul. 2007;47:2-9. Epub 2007 Mar 1. Review. No abstract available.
PMID: 17335878 [PubMed - indexed for MEDLINE]
- 12: Tazzari PL, Cappellini A, Ricci F, Evangelisti C, Papa V, Grafone T, Martinelli G, Conte R, Cocco L, McCubrey JA, Martelli AM.
Multidrug resistance-associated protein 1 expression is under the control of the phosphoinositide 3 kinase/Akt signal transduction network in human acute myelogenous leukemia blasts.
Leukemia. 2007 Mar;21(3):427-38. Epub 2007 Jan 11.
PMID: 17215852 [PubMed - indexed for MEDLINE]
- 13: Faenza I, Ramazzotti G, Bavelloni A, Fiume R, Gaboardi GC, Follo MY, Gilmour RS, Martelli AM, Ravid K, Cocco L.
Inositide-dependent phospholipase C signaling mimics insulin in skeletal muscle differentiation by affecting specific regions of the cyclin D3 promoter.
Endocrinology. 2007 Mar;148(3):1108-17. Epub 2006 Nov 22.
PMID: 17122077 [PubMed - indexed for MEDLINE]
- 14: Lo Vasco VR, Fabrizi C, Artico M, Cocco L, Billi AM, Fumagalli L, Manzoli FA.
Expression of phosphoinositide-specific phospholipase C isoenzymes in cultured astrocytes.
J Cell Biochem. 2007 Mar 1;100(4):952-9.
PMID: 17063484 [PubMed - indexed for MEDLINE]
- 15: Bavelloni A, Faenza I, Cioffi G, Piazzini M, Parisi D, Matic I, Maraldi NM, Cocco L.
Proteomic-based analysis of nuclear signaling: PLCbeta1 affects the expression of the splicing factor SRp20 in Friend erythroleukemia cells.
Proteomics. 2006 Nov;6(21):5725-34.
PMID: 17022104 [PubMed - indexed for MEDLINE]
- 16: Evangelisti C, Riccio M, Faenza I, Zini N, Hozumi Y, Goto K, Cocco L, Martelli AM.
Subnuclear localization and differentiation-dependent increased expression of DGK-zeta in C2C12 mouse myoblasts.
J Cell Physiol. 2006 Nov;209(2):370-8.
PMID: 16897754 [PubMed - indexed for MEDLINE]
- 17: Cocco L, Martelli AM, Fiume R, Faenza I, Billi AM, Manzoli FA.
Signal transduction within the nucleus: revisiting phosphoinositide inositide-specific phospholipase Cbeta1.

Adv Enzyme Regul. 2006;46:2-11. Epub 2006 Jul 18. Review. No abstract available.
PMID: 16846636 [PubMed - indexed for MEDLINE]

18: Gobbi G, Sponzilli I, Mirandola P, Tazzari PL, Caimi L, Cacchioli A, Matteucci A, Giuliani Piccari G, Cocco L, Vitale M.

Efficient platelet delta-granule release induced by $[Ca^{2+}]_i$ elevation is modulated by GPIIb/IIIa.

Int J Mol Med. 2006 Aug;18(2):309-13.

PMID: 16820939 [PubMed - indexed for MEDLINE]

19: Follo MY, Bosi C, Finelli C, Fiume R, Faenza I, Ramazzotti G, Gaboardi GC, Manzoli L, Cocco L.

Real-time PCR as a tool for quantitative analysis of PI-PLC β 1 gene expression in myelodysplastic syndrome.

Int J Mol Med. 2006 Aug;18(2):267-71.

PMID: 16820933 [PubMed - indexed for MEDLINE]

20: Martelli AM, Nyåkern M, Tabellini G, Bortul R, Tazzari PL, Evangelisti C, Cocco L.

Phosphoinositide 3-kinase/Akt signaling pathway and its therapeutical implications for human acute myeloid leukemia.

Leukemia. 2006 Jun;20(6):911-28. Review.

PMID: 16642045 [PubMed - indexed for MEDLINE]

21: Cocco L, Faenza I, Fiume R, Maria Billi A, Gilmour RS, Manzoli FA.

Phosphoinositide-specific phospholipase C (PI-PLC) β 1 and nuclear lipid-dependent signaling.

Biochim Biophys Acta. 2006 May-Jun;1761(5-6):509-21. Epub 2006 Mar 29. Review.

PMID: 16624616 [PubMed - indexed for MEDLINE]

22: Cossu A, Deiana A, Lissia A, Dedola MF, Cocco L, Palmieri G, Tanda F.

Synchronous interdigitating dendritic cell sarcoma and B-cell small lymphocytic lymphoma in a lymph node.

Arch Pathol Lab Med. 2006 Apr;130(4):544-7.

PMID: 16594749 [PubMed - indexed for MEDLINE]

23: Evangelisti C, Bortul R, Tabellini G, Papa V, Cocco L, Martelli AM.

Nuclear expression of diacylglycerol kinases: possible involvement in DNA replication.

Eur J Histochem. 2006 Jan-Mar;50(1):9-13. Review.

PMID: 16584979 [PubMed - indexed for MEDLINE]

24: Mantovani I, Cappellini A, Tazzari PL, Papa V, Cocco L, Martelli AM.

Caspase-dependent cleavage of 170-kDa P-glycoprotein during apoptosis of human T-lymphoblastoid CEM cells.

J Cell Physiol. 2006 Jun;207(3):836-44.

PMID: 16526059 [PubMed - indexed for MEDLINE]

25: Martelli AM, Faenza I, Billi AM, Manzoli L, Evangelisti C, Falà F, Cocco L.

Intranuclear 3'-phosphoinositide metabolism and Akt signaling: new mechanisms for

tumorigenesis and protection against apoptosis?

Cell Signal. 2006 Aug;18(8):1101-7. Epub 2006 Mar 3. Review.

PMID: 16516442 [PubMed - indexed for MEDLINE]

26: Lo Vasco VR, Follo MY, Cocco L.

Reply to Herens et al.

Leukemia. 2006 Apr;20(4):755. No abstract available.

PMID: 16437147 [PubMed - indexed for MEDLINE]

27: Nyåkern M, Tazzari PL, Finelli C, Bosi C, Follo MY, Grafone T, Piccaluga PP, Martinelli G, Cocco L, Martelli AM.

Frequent elevation of Akt kinase phosphorylation in blood marrow and peripheral blood mononuclear cells from high-risk myelodysplastic syndrome patients.

Leukemia. 2006 Feb;20(2):230-8.

PMID: 16341040 [PubMed - indexed for MEDLINE]

28: Mirandola P, Sponzilli I, Gobbi G, Marmiroli S, Rinaldi L, Binazzi R, Piccari GG, Ramazzotti G, Gaboardi GC, Cocco L, Vitale M.

Anticancer agents sensitize osteosarcoma cells to TNF-related apoptosis-inducing ligand downmodulating IAP family proteins.

Int J Oncol. 2006 Jan;28(1):127-33.

PMID: 16327988 [PubMed - indexed for MEDLINE]

29: Cappellini A, Mantovani I, Tazzari PL, Grafone T, Martinelli G, Cocco L, Martelli AM.

Application of flow cytometry to molecular medicine: detection of tumor necrosis factor-related apoptosis-inducing ligand receptors in acute myeloid leukaemia blasts.

Int J Mol Med. 2005 Dec;16(6):1041-8.

PMID: 16273284 [PubMed - indexed for MEDLINE]

30: Mirandola P, Gobbi G, Ponti C, Sponzilli I, Cocco L, Vitale M.

PKCepsilon controls protection against TRAIL in erythroid progenitors.

Blood. 2006 Jan 15;107(2):508-13. Epub 2005 Sep 15.

PMID: 16166586 [PubMed - indexed for MEDLINE]

31: Faenza I, Billi AM, Follo MY, Fiume R, Martelli AM, Cocco L, Manzoli L.

Nuclear phospholipase C signaling through type 1 IGF receptor and its involvement in cell growth and differentiation.

Anticancer Res. 2005 May-Jun;25(3B):2039-41. Review.

PMID: 16158942 [PubMed - indexed for MEDLINE]

32: Martelli AM, Fiume R, Faenza I, Tabellini G, Evangelista C, Bortul R, Follo MY, Falà F, Cocco L.

Nuclear phosphoinositide specific phospholipase C (PI-PLC)-beta 1: a central intermediary in nuclear lipid-dependent signal transduction.

Histol Histopathol. 2005 Oct;20(4):1251-60. Review.

PMID: 16136505 [PubMed - indexed for MEDLINE]

33: Martelli AM, Follo MY, Evangelisti C, Falà F, Fiume R, Billi AM, Cocco L.

Nuclear inositol lipid metabolism: more than just second messenger generation?
J Cell Biochem. 2005 Oct 1;96(2):285-92. Review.
PMID: 16088939 [PubMed - indexed for MEDLINE]

34: Ruggeri A Jr, Montebugnoli L, Matteucci A, Zini N, Solimando L, Servidio D, Suppa P, Cadenaro M, Cocco L, Breschi L.
Cyclosporin A specifically affects nuclear PLCbeta1 in immunodepressed heart transplant patients with gingival overgrowth.
J Dent Res. 2005 Aug;84(8):747-51.
PMID: 16040734 [PubMed - indexed for MEDLINE]

35: Cocco L, Manzoli L, Palka G, Martelli AM.
Nuclear phospholipase C beta1, regulation of the cell cycle and progression of acute myeloid leukemia.
Adv Enzyme Regul. 2005;45:126-35. Epub 2005 Jul 18.
PMID: 16024064 [PubMed - indexed for MEDLINE]

36: Manzoli L, Martelli AM, Billi AM, Faenza I, Fiume R, Cocco L.
Nuclear phospholipase C: involvement in signal transduction.
Prog Lipid Res. 2005 Jul;44(4):185-206. Epub 2005 Apr 26. Review.
PMID: 15896848 [PubMed - indexed for MEDLINE]

37: Fiume R, Faenza I, Matteucci A, Astolfi A, Vitale M, Martelli AM, Cocco L.
Nuclear phospholipase C beta1 (PLCbeta1) affects CD24 expression in murine erythroleukemia cells.
J Biol Chem. 2005 Jun 24;280(25):24221-6. Epub 2005 Apr 22.
PMID: 15849202 [PubMed - indexed for MEDLINE]

38: Cocco L, Manzoli L, Barnabei O, Martelli AM.
Significance of subnuclear localization of key players of inositol lipid cycle.
Adv Enzyme Regul. 2004;44:51-60. Review. No abstract available.
PMID: 15581482 [PubMed - indexed for MEDLINE]

39: Martelli AM, Tabellini G, Bortul R, Tazzari PL, Cappellini A, Billi AM, Cocco L.
Involvement of the phosphoinositide 3-kinase/Akt signaling pathway in the resistance to therapeutic treatments of human leukemias.
Histol Histopathol. 2005 Jan;20(1):239-52. Review.
PMID: 15578442 [PubMed - indexed for MEDLINE]

40: Gobbi G, Mirandola P, Micheloni C, Solenghi E, Sponzilli I, Artico M, Soda G, Zanelli G, Pelusi G, Fiorini T, Cocco L, Vitale M.
Expression of HLA class I antigen and proteasome subunits LMP-2 and LMP-10 in primary vs. metastatic breast carcinoma lesions.
Int J Oncol. 2004 Dec;25(6):1625-9.
PMID: 15547699 [PubMed - indexed for MEDLINE]

41: Cenni V, Maraldi NM, Ruggeri A, Secchiero P, Del Coco R, De Pol A, Cocco L, Marmiroli S.
Sensitization of multidrug resistant human osteosarcoma cells to Apo2

Ligand/TRAIL-induced apoptosis by inhibition of the Akt/PKB kinase.
Int J Oncol. 2004 Dec;25(6):1599-608.
PMID: 15547696 [PubMed - indexed for MEDLINE]

42: Cocco L, Capitani S, Maraldi NM, Martelli AM, Mazzotti G, Manzoli FA.
Significance of nuclear phospholipase C signaling through type 1 IGF receptor.
J Endocrinol Invest. 2004;27(6 Suppl):143-5. Review.
PMID: 15481815 [PubMed - indexed for MEDLINE]

43: di Giacomo V, Matteucci A, Stellacci E, Battistini A, Di Baldassarre A,
Capitani S, Alfani E, Migliaccio AR, Cocco L, Migliaccio G.
Expression of signal transduction proteins during the differentiation of primary
human erythroblasts.
J Cell Physiol. 2005 Mar;202(3):831-8.
PMID: 15389562 [PubMed - indexed for MEDLINE]

44: Tabellini G, Billi AM, Falà F, Cappellini A, Evagelisti C, Manzoli L, Cocco
L, Martelli AM.
Nuclear diacylglycerol kinase-theta is activated in response to nerve growth
factor stimulation of PC12 cells.
Cell Signal. 2004 Nov;16(11):1263-71.
PMID: 15337525 [PubMed - indexed for MEDLINE]

45: Tabellini G, Cappellini A, Tazzari PL, Falà F, Billi AM, Manzoli L, Cocco L,
Martelli AM.
Phosphoinositide 3-kinase/Akt involvement in arsenic trioxide resistance of human
leukemia cells.
J Cell Physiol. 2005 Feb;202(2):623-34.
PMID: 15316930 [PubMed - indexed for MEDLINE]

46: Tabellini G, Tazzari PL, Bortul R, Billi AM, Conte R, Manzoli L, Cocco L,
Martelli AM.
Novel 2'-substituted, 3'-deoxy-phosphatidyl-myo-inositol analogues reduce drug
resistance in human leukaemia cell lines with an activated phosphoinositide
3-kinase/Akt pathway.
Br J Haematol. 2004 Aug;126(4):574-82.
PMID: 15287952 [PubMed - indexed for MEDLINE]

47: Vitale M, Rezzani R, Gobbi G, Ponti C, Matteucci A, Cacchioli A, Ruggeri A
Jr, Cocco L.
Phospholipase-C beta1 is predominantly expressed in the granular layer of rat
cerebellar cortex.
Int J Mol Med. 2004 Aug;14(2):161-4.
PMID: 15254758 [PubMed - indexed for MEDLINE]

48: Manzoli L, Billi AM, Martelli AM, Cocco L.
Regulation of nuclear phospholipase C activity.
Acta Biochim Pol. 2004;51(2):391-5. Review.
PMID: 15218536 [PubMed - indexed for MEDLINE]

- 49: Mirandola P, Ponti C, Gobbi G, Sponzilli I, Vaccarezza M, Cocco L, Zauli G, Secchiero P, Manzoli FA, Vitale M.
Activated human NK and CD8+ T cells express both TNF-related apoptosis-inducing ligand (TRAIL) and TRAIL receptors but are resistant to TRAIL-mediated cytotoxicity.
Blood. 2004 Oct 15;104(8):2418-24. Epub 2004 Jun 17.
PMID: 15205263 [PubMed - indexed for MEDLINE]
- 50: Faenza I, Bavelloni A, Fiume R, Santi P, Martelli AM, Maria Billi A, Lo Vasco VR, Manzoli L, Cocco L.
Expression of phospholipase C beta family isoenzymes in C2C12 myoblasts during terminal differentiation.
J Cell Physiol. 2004 Aug;200(2):291-6.
PMID: 15174099 [PubMed - indexed for MEDLINE]
- 51: Cocco L, Maraldi NM, Manzoli FA.
New frontiers of inositide-specific phospholipase C in nuclear signalling.
Eur J Histochem. 2004;48(1):83-8. Review.
PMID: 15145779 [PubMed - indexed for MEDLINE]
- 52: Martelli AM, Falà F, Faenza I, Billi AM, Cappellini A, Manzoli L, Cocco L.
Metabolism and signaling activities of nuclear lipids.
Cell Mol Life Sci. 2004 May;61(10):1143-56. Review.
PMID: 15141300 [PubMed - indexed for MEDLINE]
- 53: Lo Vasco VR, Calabrese G, Manzoli L, Palka G, Spadano A, Morizio E, Guanciali-Franchi P, Fantasia D, Cocco L.
Inositide-specific phospholipase c beta1 gene deletion in the progression of myelodysplastic syndrome to acute myeloid leukemia.
Leukemia. 2004 Jun;18(6):1122-6.
PMID: 15085153 [PubMed - indexed for MEDLINE]
- 54: Merlo Pich M, Raule N, Catani L, Fagioli ME, Faenza I, Cocco L, Lenaz G.
Increased transcription of mitochondrial genes for Complex I in human platelets during ageing.
FEBS Lett. 2004 Jan 30;558(1-3):19-22.
PMID: 14759509 [PubMed - indexed for MEDLINE]
- 55: Martelli AM, Manzoli L, Cocco L.
Nuclear inositides: facts and perspectives.
Pharmacol Ther. 2004 Jan;101(1):47-64. Review.
PMID: 14729392 [PubMed - indexed for MEDLINE]
- 56: Falcieri E, Burattini S, Bortul R, Luchetti F, Tabellini G, Tazzari PL, Cappellini A, Cocco L, Martelli AM.
Intranucleolar localization of DNA topoisomerase IIalpha is a distinctive feature of necrotic, but not of apoptotic, Jurkat T-cells.
Microsc Res Tech. 2003 Oct 15;62(3):192-200.
PMID: 14506684 [PubMed - indexed for MEDLINE]

- 57: Martelli AM, Faenza I, Billi AM, Falà F, Cocco L, Manzoli L.
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