

- Capitolo 9 -

BIBLIOGRAFIA

- **Aaronson, S.A.** (1991) Growth Factors and Cancer. *Science* 254, 1146-1152.
- **Albelda, S.M.** (1997) Gene therapy for lung cancer and mesothelioma. *Chest* 111, 144s-149s.
- **Alnemri, E.S., Livingstone, D.J., Nicholson, D.W., Salvesen, G., Thornberry, N.A., Wong, W.W., Yuan, J.** (1996) Human ICE/CED-3 protease nomenclature. *Cell* 87, 171.
- **Arakaki, N., Kazi, J.A., Kazihara, T., Ohnishi, T., Daikuhara, Y.** (1998) Hepatocyte growth factor/scatter factor activates the apoptosis signaling pathway by increasing caspase-3 activity in sarcoma 180 cells. *Biochem. Biophys. Res. Commun.* 245, 211-5.
- **Arcaro, A., Khanzada, U.K., Vanhaesebroeck, B., Tetley, T.D., Waterfield, M.D. & Seckl, M.J.** (2002). Two distinct phosphoinositide 3-kinases mediate polypeptide growth factor-stimulated PKB activation. *Embo J.* 21, 5097-108.
- **Ashkenazi, A.** (2002). Targeting death and decoy receptors of the tumour-necrosis factor superfamily. *Nat Rev Cancer*, 2, 420-30.
- **Astoul, P., Picat-Joossen, D., Viallat, J.R., Boutin, C.** (1998) Intrapleural administration of interleukin-2 for the treatment of patients with malignant pleural mesothelioma: a Phase II study. *Cancer*. 83(10), 2099-104.
- **Banda, N.K., Bernier, J., Kurahara, D.K.** (1992) Crosslinking CD4 by human immunodeficiency virus gp 120 primes T cells for activation-induced apoptosis. *J. Exp. Med.* 176, 1099-1106.
- **Bardelli, A., Longati, P., Albero, D., Goruppi, S., Schneider, C., Ponzetto, C., Comoglio, P.M.** (1996) HGF receptor associates with the anti-apoptotic protein BAG-1 and prevents cell death. *EMBO J.* 15, 6205-12.
- **Bertrand, R., Solary, E., O'Connor, P., Kohn, K.W., Pommier, Y.** (1994) Induction of a common pathway of apoptosis by staurosporine. *Exp. Cell Res.* 211, 314-321.
- **Besser, D., Bardelli, A., Didichenko, S., Thelen, M., Comoglio, P.M., Ponzetto, C., Nagamine, Y.** (1997) Regulation of the urokinase-type plasminogen activator gene by the oncogene Tpr-Met involves GRB2. *Oncogene* 14, 705-11.
- **Billing, A., Frohlich D. e Ruckdeschel G.** (1992) The effect of taurolin on endogenous immunity and pathogen elimination in human peritonitis. *Langenbecks Arch Chir.* 377(3), 180-5.
- **Bocchetta, M., Di Resta, I., Powers, A., Fresco, R., Tosolini, A., Testa, J.R., Pass, H.I., Rizzo, P. e Carbone, M.** (2000). Human mesothelial cells are unusually susceptible to simian virus 40-mediated transformation and asbestos cocarcinogenicity. *Proc Natl Acad Sci U S A.* 97, 10214-9.

-
- **Bouchard, L., Mathieu, F., Bastin, M.** (1988) Polyoma large T can activate middle T expression by a hit-and-run mechanism. *Oncogene*. 2(4), 379-86.
 - **Bours, V, Bentires-Alj, M, Hellin, AC, Viatour, P, Robe, P, Delhalle, S, Benoit, V, Merville, MP.** (2000) Nuclear factor-kappa B, cancer, and apoptosis. *Biochem Pharmacol*. 60(8):1085-9. Review
 - **Bowers, D.C., Fan, S., Walter, K.A., Abounader, R., Williams, J.A., Rosen, E.M, Laterra, J.** (2000) Scatter factor/hepatocyte growth factor protects against cytotoxic death in human glioblastoma via phosphatidylinositol 3-kinase- and AKT-dependent pathways. *Cancer Res* 60, 4277-83.
 - **Broaddus, V.C., Yang, L., Scavo, L.M., Ernst, J.D. & Boylan, A.M.** (1996). Asbestos induces apoptosis of human and rabbit pleural mesothelial cells via reactive oxygen species. *J Clin Invest*. 98, 2050-9.
 - **Brooks, L.A., Crook, T. and Crawford, D.H.** (1999) Epstein-Barr virus and lymphomas. *Cancer Surv.*, 33, 99-123.
 - **Butel, J.S. e Lednicky, J.A.** (1999) Cell and molecular biology of simian virus 40: implications for human infectiond and disease. *J. Natl. Cancer Inst.*, 91, 119-134.
 - **Butel, J.S.** (2000) Viral carcinogenesis: revelation of molecular mechanisms and etiology of human disease. *Carcinogenesis*, 21, 405-426.
 - **Butyan, R., Zakeri, Z., Lockshin, R., Wolgemuth, D.** (1988) Cascade induction of c-fos, c-myc, and heat shock 70k transcripts during regression of the rat ventral prostate gland. *Mol. Endocrinol.* 2, 605-657.
 - **Cacciotti, P., Libener, R., Betta, P.G., Martini, F., Porta, C., Procopio, A., Strizzi, L., Penengo, L., Tognon, M., Mutti, L. and Gaudino, G.** (2001) SV40 replication in human mesothelial cells induces HGF/Met receptor activation: a model for viral-related carcinogenesis of human malignant mesothelioma. *Proc. Natl. Acad. Sci. USA* 98, 12032-12037.
 - **Cacciotti, P., Strizzi, L., Gaudino, G., Tognon, M., Libener, R., Porta, C., Vianale, G., Mutti, L. and Procopio, A.** (2002) The presence of Simian-virus 40 sequences in normal or malignant mesothelial cells is associated with high levels of vascular endothelial growth factor (VEGF). *Am. J. Respir. Cell Mol. Biol.* 26, 189-93.
 - **Carbone, M., Fisher, S., Powers, A., Pass, H.I., Rizzo, P.** (1999) New molecular and epidemiological issues in mesothelioma: role of SV40. *J Cell Physiol*. 180(2), 167-72. Review.
 - **Carbone,M., Rizzo,P., Grimley,P.M., Procopio,A., Mew,D.J.Y., Shridhar,V., De Bartolomeis,A., Esposito,V., Giuliano,M.T., Steinberg,S.M., Levine,A.S., Giordano,A., Pass,H.I.** (1997) Simian virus-40 large-T antigen binds p53 in human mesotheliomas. *Nature Medicine* vol.3, 8: 908-912.

-
- **Carthew, P., Hill, R.J., Edwards, R.E., Lee, P.N.** (1992) Intrapleural administration of fibres induces mesothelioma in rats in the same relative order of hazard as occurs in man after exposure. *Hum Exp Toxicol.* 11(6), 530-4.
 - **Castagneto, B., Zai, S., Mutti, L.** (2001) Palliative and therapeutic activity of IL-2 immunotherapy in unresectable malignant pleural mesothelioma with pleural effusion. Results of a phase II study on 31 consecutive patients. *Lung Cancer* 31, 303-310.
 - **Chang, Y.** (1999) KSHV, Kaposi's sarcoma and related lymphoproliferative disorders. In Parsonnet, J. (ed.) *Microbes and Malignancy: Infection as a Cause of human Cancers*. Oxford University Press, Oxford, UK, 207-231.
 - **Chao, H. H. , Buchmann, A. M., DeCaprio, J. A.** (2000) Loss of p19(ARF) eliminates the requirement for the pRB-binding motif in simian virus 40 large T antigen-mediated transformation. *Mol. Cell. Biol.* 20, 7624-7633.
 - **Chinnaiyan, A.N., O'Rourke, K., Tewari, M., Dixit, V.M.** (1995) FADD, a novel death domain-containing protein, interacts with death domain of Fas and initiates apoptosis. *Cell* 81, 505-512.
 - **Cicala, C., Pompelli, F. and Carbone, M.** (1993) SV40 induces mesotheliomas in hamsters. *Am J Pathol* 142, 1524-1533.
 - **Cifone, M.G., De Maria, R., Roncaioli, P., Rippo, M.R., Azuma, M., Lanier, L.L., Santoni, A., Testi, R.** (1994) Apoptotic signaling through CD95 (Fas/APO-1) activates an acidic sphingomyelinase. *J. Exp. Med.* 180, 1547-1552.
 - **Cohen,J.J., Duke,R.C.** (1992) Apoptosis and programmed cell death in immunity. *Annu. Rev. Immunol.* 10, 267-293.
 - **Comba, P., Gianfagna, A., Paoletti, L.** (2003) Pleural mesothelioma cases in Biancavilla are related to a new fluoro-edenite fibrous amphibole. *Arch Environ Health*. 58(4):229-32.
 - **Conner, E.A., Teramoto, T., Wirth, P.J., Kiss, A., Garfield, S., Thorgeirsson, S.S.** (1999) HGF-mediated apoptosis via p53/bax-independent pathway activating JNK1. *Carcinogenesis* 20, 583-90.
 - **Conzen, S.D., Snay, C.A., Cole, C.N.** (1997) Identification of a novel antiapoptotic functional domain in simian virus 40 large T antigen. *J Virol* 71(6):4536-43.
 - **Cotter, T.G., McCarthy, J.** (1994) Genes and apoptosis. *Biochem. Soc. Transact.* 22: 591-593.
 - **Davis, J.M., Bolton, R.E., Miller, B.G., Niven, K.** (1991) Mesothelioma dose response following intraperitoneal injection of mineral fibres. *Int J Exp Pathol.* 72(3), 263-74.
 - **De Luca,A., Baldi,A., Esposito,V., Howard,C.M., Bagella,L., Rizzo,P., Caputi,M., Pass,H.I., Giordano,G.G., Baldi,F., Carbone,M., Giordano,A.** (1997) The retinoblastoma gene family pRb/p105, p107, pRb2/p130 and simian virus-40 large T-antigen in human mesotheliomas. *Nature*

Medicine vol.3, 8: 913-916.

- **De Maria, R., Lenti, L., Malisan, F., D'Agostino, F., Tomassini, B., Zeuner, A., Rippo, M.R., Testi, R.** (1997) Requirement for GD3 ganglioside in CD95- and ceramide-induced apoptosis. *Science* 277: 1652-1655.
- **Dhawan, P., Singh, A.B., Ellis, D.L., Richmond, A.** (2002). Constitutive activation of Akt/protein kinase B in melanoma leads to up-regulation of nuclear factor-kappaB and tumor progression. *Cancer Res*, 62, 7335-42.
- **Dumortier, P., Coplu, L., Broucke, I., Emri, S., Selcuk, T., De Maertelaer, V., De Vuyst, P., Baris, I.** (2001) Erionite bodies and fibres in bronchoalveolar lavage fluid (BALF) of residents from Tuzkoy, Cappadocia, Turkey. *Occup Environ Med*. 58(4):261-6.
- **Eborn, S.K., Aust, A.E.** (1995) Effect of iron acquisition on induction of DNA single-strand breaks by erionite, a carcinogenic mineral fiber. *Arch Biochem Biophys*. 316(1):507-14.
- **Edwards, R.E., Hill, R.J., Brown, D.G., Carthew, P.** (1990) Phenotypic stability and metastatic behaviour of serially xenografted rat mesotheliomas. *Br J Cancer*. 62(2):201-4.
- **Ellermann, V., Bang, O.** (1908) Experimentelle Leukamie bei Huhnern. Centralbl. F. Bakt. Abt. I (Orig.), 46, 595-609.
- **Enari, M., Hug, H., Nagata, S.** (1995) Involvement of an ICE-like protease in Fas-mediated apoptosis. *Nature* 375: 78-81.
- **Epstein, M.A., Achong, B.G. Barr, Y.M.** (1964) Virus particles in cultured lymphoblasts from Burkitt's lymphoma. *Lancet*, I, 702-703.
- **Fach, E., Waldman, W.J., Williams, M., Long, J., Meister, R.K., Dutta, P.K.** (2002) Analysis of the biological and chemical reactivity of zeolite-based aluminosilicate fibers and particulates. *Environ Health Perspect*. 110(11):1087-96.
- **Fan, S., Wang, J.A., Yuan, R.Q., Rockwell, S., Andres, J., Zlatapolskiy, A., Goldberg, I.D., Rosen, E.M.** (1998) Scatter factor protects epithelial and carcinoma cells against apoptosis induced by DNA-damaging agents. *Oncogene* 17,131-41.
- **Fathi, M., Corthals, G., Hochstrasser, D.** (2003) Mass spectrometry in laboratory medicine. *Clin Chem Lab Med*. 41(12):1539.
- **Ferracini,R., Longati,P., Naldini,L., Vigna,E., Comoglio,P.M.** (1991) Identification of the major autophosphorylation site of the Met/Hepatocyte Growth Factor receptor tyrosine Kinase. *J.Biol. Chem*. 266: 19558-19564.
- **Ferracini,R., Di Renzo,M.F., Scotlandi,K., Baldini,N., Olivero,M., Lollini,P., Cremona,O., Campanacci,M., Comoglio,P.M.** (1995) The Met/HGF receptor is over-expressed in human osteosarcomas and is activated by either a paracrine or an autocrine circuit. *Oncogene* 10: 739-749.

- **Ficarro, S.B., McCleland, M.L., Stukenberg, P.T., Burke, D.J., Ross, M.M., Shabanowitz, J., Hunt, D.F., White, F.M.** (2002) Phosphoproteome analysis by mass spectrometry and its application to *Saccharomyces cerevisiae*. *Nat Biotechnol.* 20(3):301-5.
- **Foddis, R., De Rienzo, A., Broccoli, D., Bocchetta, M., Stekala, E., Rizzo, P., Tosolini, A., Grobelny, J.V., Jhanwar, S.C., Pass, H.I., Testa, J.R., Carbone, M.** (2002) SV40 infection induces telomerase activity in human mesothelial cells. *Oncogene* 21, 1434-42.
- **Galateau-Salle,F., Bidet,P., Iwatubo,Y., Gennetay,E., Renier,A., Letourneux,M., Pairon,J.C., Moritz,S., Brochard,P., Jaurand,M.C., Freymuth,F.** (1998) SV40-like DNA sequences in pleural mesothelioma, bronchopulmonary carcinoma, and non-malignant pulmonary diseases. *J. Pathol.* 184(3): 252-257.
- **Gianfagna, A., Oberti, R.** (2001) Fluoro-edenite from Biancavilla (Catania, Sicily, Italy): crystal chemistry of a new amphibole end-member. *American Mineralogist*, 86, 1489-1493.
- **Gillet, R., Cavard, C., Grimer, G., Briand, P., Joulin, V.** (2001). Hepatic expression of SV40 small-T antigen blocks the in vivo CD95-mediated apoptosis. *Biochem Biophys Res Commun*, 284, 369-76.
- **Giordano,S., Ponzetto,C., Di Renzo, M.F., Cooper,C.S., Comoglio,P.M.** (1989) Tyrosine kinase receptor indistinguishable from the c-Met protein. *Nature* 339: 155-156.
- **Gohda, E., Okauchi, H., Iwao, M., Yamamoto, I.** (1998) Induction of apoptosis by hepatocyte growth factor/scatter factor and its augmentation by phorbol esters in Meth A cells. *Biochem Biophys Res Commun* 245, 278-83.
- **Golstein P., Ojcius D.M., Young J. D-E.** (1991) Cell death mechanisms and the immune system. *Immunol. Rev.* 121: 29-65
- **Grassilli E., Carcereri de' Preti A., Monti D., Troiano L., Menegazzi M., Barbieri D., Franceschi C., Suzuki H.** (1992) Studies of the relationship between cell proliferation and cell death. II. Early gene expression during concanavalin A-induced proliferation and dexamethasone-induced apoptosis of rat thymocytes. *Biochem. Biophys. Res. Commun.* 188: 1261-1266.
- **Hart,C.E., Forsteom,J.W., Kelly,J.D., Seifert,R.A., Smith,R.A., Ross,R., Murray,M., Bowen-Pope,D.F.** (1988) Two classes of PDGF receptor recognize different isoforms of PDGF. *Science* 240: 1529-1531.
- **Harvey,P., Warn,A., Dobbin,S., Arakaki,N., Daikuhara,Y., Jaurand,M.C., Warn,R.M.** (1998) Expression of HGF/SF in mesothelioma cell lines and its effects on cell motility, proliferation and morphology. *Br.J.Cancer* 77(7): 1052-1059.
- **Herrero, R. and Munoz, N.** (1999) Human papillomavirus and cancer. *Cancer Surv.*, 33, 75-98.

-
- **Hill, R.J., Edwards, R.E., Carthew, P.** (1990) Early changes in the pleural mesothelium following intrapleural inoculation of the mineral fibre Erionite and the subsequent development of mesotheliomas. *J Exp Pathol (Oxford)*. 71(1):105-18.
 - **Hirvonen, A., Mattson, K., Karjalainen, A., Ollikainen, T., Tammilehto, L., Hovi, T., Vainio, H., Pass, H.I., Di Resta, I., Carbone, M., Linnainmaa, K..** (1999) Simian virus 40 (SV40)-like DNA sequences not detectable in finnish mesothelioma patients not exposed to SV40-contaminated polio vaccines. *Mol Carcinog.* 26(2):93-9.
 - **Howley, P.M. and Munger, K.** (1999) Human papillomavirus and squamous cell carcinomas. In Parsonnet, J. (ed.) *Microbes and Malignancy : Infection as a Cause of human Cancers*. Oxford University Press, Oxford, UK, 157-179.
 - **Hutchinson, J., Jin, J., Cardiff, R.D., Woodgett, J.R., Muller, W.J.** (2001). Activation of Akt (protein kinase B) in mammary epithelium provides a critical cell survival signal required for tumor progression. *Mol Cell Biol*, 21, 2203-12.
 - **Janssen, Y.M.** (1997) Asbestos causes translocation of p65 protein and increases NF-kappa B DNA binding activity in rat lung epithelial and pleural mesothelial cells. *Am J Pathol.* 151(2): 389-401.
 - **Jeannel, D., Bouvier, G., Hubert, A.** (1999) Nasopharyngeal carcinoma: an epidemiological approach to carcinogenesis. *Cancer Surv.*, 33, 125-155.
 - **Johnson, N.F.** (1992) The utility of animal inhalation studies to assess the risk of mineral fiber-induced pulmonary cancer. *Prog Clin Biol Res.* 374:19-36.
 - **Kapple, J.W., Wade, T., White, J., Kushnir, E., Blackman, M., Bill, J., Roehm, N., Marrack, P.** (1987) A T cell receptor V_b segment that imparts reactivity to a class II major histocompatibility complex product. *Cell* 49: 263-271.
 - **Kerr, J.F.R.** (1965) A histochemical study of hypertrophy and hischaemic injury of rat liver with special reference to changes in lysosomes. *J. Pathol. Bacteriol.* 90: 419-435.
 - **Kerr, J.F.R., Harmon, B.V.** (1991) Definition and incidence of apoptosis: an historical perspective. In: *Apoptosis: the molecular basis of cell death*, Tomei L.D. and Cope F.O. Eds, New York, Cold Spring Harbor Laboratory Press, pp. 5-29.
 - **Kerr, J.F.R., Wyllie, A.H., Currie, A.R.** (1972) Apoptosis: a basic biological phenomenon with wide-ranging implications in tissue kinetics. *Br. J. Cancer* 26: 239-257.
 - **Klominek,J., Baskin,B., Liu,Z., Hauzenberger,D.** (1998) Hepatocyte Growth Factor/Scatter Factor stimulates chemotaxis and growth of malignant mesothelioma cells through c-met receptor. *Int. J. Cancer* 76: 240-249.

-
- **Kohyama, N., Shinohara, Y., Suzuki, Y.** (1996) Mineral phases and some reexamined characteristics of the International Union Against Cancer standard asbestos samples. *Am J Ind Med.* 30(5):515-28.
 - **Korsmeyer, S.J.** (1995) Regulators of cell death. *Trends Gen.* 11, 101-105.
 - **Krystal, G.W., Honsawek, S., Litz, J., Buchdunger, E.** (2000) The selective tyrosine kinase inhibitor ST1571 inhibits small cell lung cancer growth. *Clin Cancer Res* 6(8):3319-26.
 - **Kumar, S., Lavin, M.F.** (1996) The ICE family of cysteine protease as effectors of cell death. *Cell Death Diff.* 3: 255-267.
 - **Kyprianou, N., Isaacs, J.T.** (1988) Activation of programmed cell death in the rat ventral prostate after castration. *Endocrinology* 122: 522-529
 - **Leist, M., Single, B., Castoldi, A.F., Kuhnle, S., Nicotera, P.** (1997) Intracellular adenosine triphosphate (ATP) concentration: a switch in the decision between apoptosis and necrosis. *J. Exp. Med.* 185: 1481-1486.
 - **Lemmon, M.A., Schlessinger, J.** (1994) Regulation of signal transduction and signal diversity by receptor oligomerization. *Trends Biochem. Sci.* 19: 459-463.
 - **Levresse, V., Moritz, S., Renier, A., Kheuang, L., Galateau-Salle, F., Mege, J.P., Piedbois, P., Salmons, B., Guenzburg, W., Jaurand, M.C.** (1998) Effect of simian virus large T antigen expression on cell cycle control and apoptosis in rat pleural mesothelial cells exposed to DNA damaging agents. *Oncogene*, 16, 1041-53.
 - **Long, J.F., Dutta, P.K., Hogg, B.D.** (1997) Fluorescence imaging of reactive oxygen metabolites generated in single macrophage cells (NR8383) upon phagocytosis of natural zeolite (erionite) fibers. *Environ Health Perspect.* 105(7):706-11.
 - **Longati,P., Bardelli,A., Ponzetto,C., Naldini,L., Comoglio,P.M.** (1994) Tyrosine 1234-1235 are critical for activation of the tyrosine kinase encoded by the MET proto-oncogene. *Oncogene* 9: 49-57.
 - **Majno, G, Joris, I.** (1995) Apoptosis, oncosis and necrosis: an overview of cell death. *Am. J. Pathol.* 146: 3-15.
 - **Martel,C., Harper,F., Cereghini,S., Noe,V., Mareel,M., Cremisi,C.** (1997) Inactivation of retinoblastoma family proteins by SV40 T antigen results in creation of a hepatocyte growth factor/scatter factor autocrine loop associated with an epithelial-fibroblastoid conversion and invasiveness. *Cell Growth Differ.* 8:165-178.
 - **Miller,M., Leonard,E.J.** (1998) Mode of receptor binding and activation by plasminogen-related growth factors. *FEBS Letters* 429: 1-3.

-
- **Mosmann, T.** (1983) Rapid colorimetric assay for cellular growth and survival: application to proliferation and cytotoxicity assays. *J Immunol Methods*, 65, 55-63.
 - **Mossman, B.T.** (1997) Cell Signaling Pathways Elicited by Asbestos. *Environ Health Perspect.* 105S(Suppl 5): p. 1121-5.
 - **Mossman,B.T., Kamp,D., Weitzman,S.A.** (1996) Mechanisms of carcinogenesis and clinical features of asbestos-associated cancers. *Cancer Invest.* 14:164-478.
 - **Muller, M., Morotti, A., Ponzetto, C.** (2002). Activation of NF-kappaB is essential for hepatocyte growth factor-mediated proliferation and tubulogenesis. *Mol Cell Biol*, 22, 1060-72.
 - **Nagata, S., Golstein, P.** (1995) Fas death factor. *Science* 267: 1449-1456.
 - **Naldini, L., Vigna, E., Bardelli, A., Follenzi, A., Galimi, F., Comoglio, P.M.** (1995) Biological activation of pro-HGF (hepatocyte growth factor) by urokinase is controlled by a stoichiometric reaction. *J. Biol. Chem.* 270, 603-11.
 - **Naldini, L., Weidner, K.M., Vigna, E., Gaudino, G., Bardelli, A., Ponzetto, C., Narasimhan, R.P., Hartmann, G., Zarnegar, R., Michalopoulos, G.K., et al.** (1991) Scatter factor and hepatocyte growth factor are indistinguishable ligands for the MET receptor. *EMBO J.* 10, 2867-78.
 - **Narasimhan, S.R., Yang, L., Gerwin, B.I., Broaddus, V.C.** (1998). Resistance of pleural mesothelioma cell lines to apoptosis: relation to expression of Bcl-2 and Bax. *Am J Physiol*, 275, 165-71.
 - **Naruse, I., Keino, H.** (1995) Apoptosis in the developing CNS. *Prog. Neurobiol.* 47: 135-155.
 - **Okazaki, T., Sakon, S., Sasazuki, T., Sakurai, H., Doi, T., Yagita, H., Okumura, K., Nakano, H.** (2003) Phosphorylation of serine 276 is essential for p65 NF-kappaB subunit-dependent cellular responses. *Biochem Biophys Res Commun.* 300(4):807-12.
 - **Okayasu, R., Wu, L., Hei, T.K.** (1999) Biological effects of naturally occurring and man-made fibres: in vitro cytotoxicity and mutagenesis in mammalian cells. *Br J Cancer.* 79(9-10):1319-24.
 - **Olut, A., Firat, P., Ertugrul, D., Gungen, Y., Emri, S.** (2001) Ras oncoprotein expression in Erionite- and asbestos-induced Turkish malignant pleural mesothelioma patients--a pilot study. *Respir Med.* 95(8):697-8.
 - **Orengo, A.M., Spoletini, L., Procopio, A., Favoni, R.E., De Cupis, A., Ardizzone, A., Castagneto, B., Ribotta, M., Betta, P.G., Ferrini, S., Mutti, L.** (1999) Establishment of four new mesothelioma cell lines: characterization by ultrastructural and immunophenotypic analysis. *Eur Respir J.* 13(3):527-34.
 - **Orlowski, R.Z., Baldwin, A.S., Jr.** (2002). NF-kappaB as a therapeutic target in cancer. *Trends Mol Med*, 8, 385-9.

-
- **Packham, G., Cleveland, J.L.** (1995) c-myc and apoptosis. *Biochim. Biophys. Acta* 1242: 11-28.
 - **Paoletti, L., Batisti, D., Bruno, C., Di Paola, M., Gianfagna, A., Mastrantonio, M., Nesti, M., Comba, P.** (2000) Unusually high incidence of malignant pleural mesothelioma in a town of eastern Sicily: an epidemiological and environmental study. *Arch Environ Health*. 55(6):392-8.
 - **Parkin, D.M., Pisani, P., Munoz, N. and Ferlay, J.** (1999) The global health burden of infection associated cancers. *Cancer Surv.*, 33, 5-33.
 - **Pass, H.I., Mew, D.J., Carbone, M., Donington, J.S., Baserga, R., Steinberg, S.M.** (1998). The effect of an antisense expression plasmid to the IGF-1 receptor on hamster mesothelioma proliferation *Dev Biol Stand*, 94, 321-8.
 - **Perkins, R.C., Broaddus, V.C., Shetty, S., Hamilton, S., Idell, S.** (1999) Asbestos upregulates expression of the urokinase-type plasminogen activator receptor on mesothelial cells. *Am. J. Respir. Cell. Mol. Biol.* 21, 637-46.
 - **Peto, J., Decarli, A., La Vecchia, C., Levi, F., Negri, E.** (1999) The European mesothelioma epidemic. *Br J Cancer*. 79(3-4):666-72.
 - **Peto,J., Hodgson,J.T., Matthews,F.E., Jones,J.R.** (1995) Continuing increase in mesothelioma mortality in Britain. *Lancet* 345: 535-539.
 - **Ponzerotto,C., Bardelli,A., Zhen,Z., Maina,F., Dalla Zonca P.,Giordano,S., Graziani,A., Panayotou,G., Comoglio,P.M.** (1994) A multifunctional docking site mediates signalling and transformation by hepatocyte growth factor/scatter factor (HGF/SF) receptor family. *Cell*: 1-20.
 - **Poole, A., Brown, R.C., Turver, C.J., Skidmore, J.W., Griffiths, D.M.** (1983) In vitro genotoxic activities of fibrous erionite. *Br J Cancer*. 47(5):697-705.
 - **Popescu** (1988) Non random chromosome alterations in human malignant mesothelioma. *Cancer Res.* 48: 142-147.
 - **Porter A.G., Jänicke R.U.** (1997) Death substrates come alive. *Bioassays* 19: 501-507.
 - **Prat,M.,Narsimhan,R.P., Crepaldi,T., Nicotra,M.R., Natali,P.G., Comoglio,P.M.** (1991) The receptor encoded by the human c-Met oncogene is expressed in hepatocytes, epithelial cells and solid tumors. *Int. J. Cancer* 49: 323-328.
 - **Pucci, B., Claudio, P.P., Masciullo, V., Bellincampi, L., Terrinoni, A., Khalili, K., Melino, G. & Giordano, A.** (2002). pRb2/p130 promotes radiation-induced cell death in the glioblastoma cell line HJC12 by p73 upregulation and Bcl-2 downregulation. *Oncogene*, 21, 5897-905.
 - **Raab-Traub, N.** (1999) Epstein-Barr virus, lymphoproliferative diseases and nasopharyngeal carcinoma. In Parsonnet, J. (ed.) *Microbes and Malignancy : Infection as a Cause of human Cancers*. Oxford University Press, Oxford, UK, 180-206.

-
- **Reed J.C.** (1994) Bcl-2 and the regulation of programmed cell death. *J. Cell Biol.* 124: 1-6
 - **Rettig, M. B. , Ma, H. J. , Vescio, R. A. , Pold, M. , Schiller, G. , Belson, D. , Savage, A. , Nishikubo, C. , Wu, C. , Fraser, J. , et al.** (1997) Kaposi's sarcoma-associated herpesvirus infection of bone marrow dendritic cells from multiple myeloma patients. *Science* 276, 1851-1854.
 - **Richter, C., Kass, G.E.N.** (1991) Oxidative stress in mitochondria: its relationship to cellular Ca²⁺ homeostasis, cell death, proliferation, and differentiation. *Chem. Biol. Interact.* 77: 1-23.
 - **Roberts, D. D..** (1996) Regulation of tumor growth and metastasis by thrombospondin-1. *FASEB J.* 10: 1183-1191.
 - **Robinson, W.S.** (1999) Hepatitis B virus and hepatocellular carcinoma. In Parsonnet, J. (ed.) *Microbes and Malignancy : Infection as a Cause of human Cancers*. Oxford University Press, Oxford, UK, 232-266.
 - **Rous P.** (1911) Transmission of a malignant new growth by means of a cell-free filtrate. *J. Am. Med. Assoc.*, 56, 198.
 - **Rundell, K., Parakati, R.** (2001) The role of the SV40 ST antigen in cell growth promotion and transformation. *Semin Cancer Biol.* 11, 5-13. Review.
 - **Salomon, A.R., Ficarro, S.B., Brill, L.M., Brinker, A., Phung, Q.T., Ericson, C., Sauer, K., Brock, A., Horn, D.M., Schultz, P.G., Peters, E.C.** (2003) Profiling of tyrosine phosphorylation pathways in human cells using mass spectrometry. *Proc Natl Acad Sci U S A.* 100(2), 443-8.
 - **Savill, J., Fadok, V., Henson, P., Haslett, C.** (1993) Phagocyte recognition of cells undergoing apoptosis. *Immunol. Today*, 14, 131-136.
 - **Schlessinger,J.** (1997) Direct binding and activation of receptor tyrosine kinases by collagen. *Cell* 91: 869-872.
 - **Schlessinger,J., Ullrich,A.** (1992) Growth factor signaling by receptor tyrosine kinase. *Neuron* 9: 383-391.
 - **Schrump, D.S., Waheed, I.** (2001) Strategies to circumvent SV40 oncoprotein expression in malignant pleural mesotheliomas. *Semin Cancer Biol* 11, 73-80.
 - **Sheard, M.A., Vojtesek, B.** (2002) Simian virus-40 infection inhibits DNA damage-induced enhancement of CD95 expression and function. *Oncogene* 21, 190-7.
 - **Shivapurkar, N., T. Wiethege, I. I. Wistuba, E. Salomon, S. Milchgrub, K. M. Muller, A. Churg, H. Pass, and A. F. Gazdar.** (1999) Presence of simian virus 40 sequences in malignant mesotheliomas and mesothelial cell proliferations. *J. Cell Biochem* 76: 181-188.

-
- **Slinskey, A., Barnes, D., Pipas, J.M.** (1999). Simian virus 40 large T antigen J domain and Rb-binding motif are sufficient to block apoptosis induced by growth factor withdrawal in a neural stem cell line. *J Virol*, 73, 6791-9.
 - **Soini, Y., Kinnula, V., Kaarteenaho-Wiik, R., Kurttila, E., Linnainmaa, K., Paakko, P.** (1999) Apoptosis and expression of apoptosis regulating proteins bcl-2, mcl-1, bcl-X, and bax in malignant mesothelioma. *Clin Cancer Res*. 5(11), 3508-15.
 - **Stein, R.C.** (2001). Prospects for phosphoinositide 3-kinase inhibition as a cancer treatment. *Endocr Relat Cancer*, 8, 237-48.
 - **Stoker,M.** (1989) Effect of scatter factor on motility of epithelial cells and fibroblasts. *J. Cell. Physiol.* 139: 565-569.
 - **Strizzi, L., Catalano, A., Pianale, G., Orecchia, S., Canalini, A., Tassi, G., Puntoni, R., Mutti, L., Procopio, A.** (2001) Vascular endothelial growth factor is an autocrine growth factor in human malignant mesothelioma. *J Pathol*. 193(4):468-75.
 - **Susin, S.A., Zamzami, N., Castedo, M., Daugas, E., Wang, H.G., Geley, S., Fassy, F., Reed, J.C., Kroemer, G.** (1997) The central executioner of apoptosis: multiple connections between protease activation and mitochondria in Fas/APO-1/CD95- and ceramide-induced apoptosis. *J. Exp. Med.* 186: 25-37
 - **Susin, S.A., Zamzami, N., Castedo, M., Hirsch, T., Marchetti, P., Macho, A., Daugas, E., Geuskens, M., Kroemer, G.** (1996) Bcl-2 inhibits the mitochondrial release of an apoptogenic protease. *J. Exp. Med.* 184: 1331-1341
 - **Tajima, K. and Takezaki, T.** (1999) Human T cell leukaemia virus type I. *Cancer Surv.*, 33, 191-211.
 - **Tanaka, H. and Tsukuma, H.** (1999) Hepatitis C virus. *Cancer Surv.*, 33, 213-235.
 - **Timblin, C.R., Guthrie, G.D., Janssen, Y.W., Walsh, E.S., Vacek, P., Mossman, B.T.** (1998) Patterns of c-fos and c-jun proto-oncogene expression, apoptosis, and proliferation in rat pleural mesothelial cells exposed to Erionite or asbestos fibers. *Toxicol Appl Pharmacol*. 151(1):88-97.
 - **Vaux, D.L., Cory, S., Adams, J.M.** (1988) Bcl-2 gene promotes haemopoietic cell survival and cooperates with c-myc to immortalize pre-b cells. *Nature* 335: 440-442.
 - **Vaux, D.L., Haecker, G., Strasser, A.** (1994) An evolutionary perspective on apoptosis. *Cell* 76: 777-779.
 - **Wagner, J.C., Skidmore, J.W., Hill, R.J., Griffiths, D.M.** (1985) Erionite exposure and mesotheliomas in rats. *Br J Cancer*. 51(5):727-30.

-
- **Waheed, I., Guo, Z.S., Chen, G.A., Weiser, T.S., Nguyen, D.M., Schrump, D.S.** (1999). Antisense to SV40 early gene region induces growth arrest and apoptosis in T-antigen-positive human pleural mesothelioma cells. *Cancer Res*, 59, 6068-73.
 - **Wang, X., DeFrances, M.C., Dai, Y., Pediaditakis, P., Johnson, C., Bell, A., Michalopoulos, G.K., Zarnegar, R.** (2002) A Mechanism of Cell Survival. Sequestration of Fas by the HGF Receptor Met. *Mol. Cell.* 9, 411-21.
 - **Wang,N.S., Jaurand,M.C., Magne,L., Kheuang,L., Pinchon,M.C., Bignon,J.** (1987) The interactions between asbestos fibers and metaphase chromosomes of rat pleural mesothelial cells in culture. A scanning and transmission electron microscopy study. *Am. J. Pathol.* 126(2): 343-349.
 - **Weiss,A., Schlessinger,J.** (1998) Switching signals on or off by receptor dimerization. *Cell* 94: 277-280.
 - **Whitton, J.L., Oldstone, M.B.A.** (1996) Immune response to viruses. In *Fields, B.N., Knipe, D.M., Howley, P.M., Chanock, R.M., Melnick, J.L., Monath, T.P., Roizman, B. and Straus, S.E. (eds) Fields Virology. 3rd edn. Lippincott-Raven, Philadelphia, PA*, 1, 345-374.
 - **Wojta, J., Kaun, C., Breuss, J.M., Koshelnick, Y., Beckmann, R., Hattey, E., Mildner, M., Weninger, W., Nakamura, T., Tschachler, E., Binder, B.R.** (1999) Hepatocyte growth factor increases expression of vascular endothelial growth factor and plasminogen activator inhibitor-1 in human keratinocytes and the vascular endothelial growth factor receptor flk-1 in human endothelial cells. *Lab Invest.* 79(4):427-38.
 - **Wright, S.C., Zhong, J., Lerrick, J.W.** (1994) Inhibition of apoptosis as a mechanism of tumor promotion. *FASEB J.* 8: 654-660.
 - **Wu, J., Liu, W., Koenig, K., Idell, S., Broaddus, V.C.** (2000). Vitronectin adsorption to chrysotile asbestos increases fiber phagocytosis and toxicity for mesothelial cells. *Am J Physiol Lung Cell Mol Physiol*, 279, 916-23.
 - **Wyllie, A.H., Rose, K.A., Morris, R.G., Steel, C.M., Forrest, E., Spandidos, D.A.** (1987) Rodent fibroblast tumours expressing human myc and ras genes: growth, metastasis and endogenous oncogene expression. *Br. J. Cancer* 56: 251-259.
 - **Xiao, G.H., Jeffers, M., Bellacosa, A., Mitsuuchi, Y., Vande Woude, G.F., Testa, J.R.** (2001) Anti-apoptotic signaling by hepatocyte growth factor/Met via the phosphatidylinositol 3-kinase/Akt and mitogen-activated protein kinase pathways. *Proc. Natl. Acad. Sci. U S A* 98, 247-252.
 - **Xin, X., Yang, S., Ingle, G.** (2001). Hepatocyte growth factor enhances vascular endothelial growth factor-induced angiogenesis in vitro and in vivo. *Am. J. Pathol.* 158: 1111-1120.
 - **Xu, L., Flynn, B.J., Ungar, S., Pass, H.I., Linnainmaa, K., Mattson, K., Gerwin, B.I.** (1999) Asbestos induction of extended lifespan in normal human mesothelial cells: interindividual susceptibility and SV40 T antigen. *Carcinogenesis* 20, 773-83.
-

-
- **Yarden, Y., Ullrich, A.** (1988) Growth factor receptor tyrosine kinases. *Ann. Rev. Biochem.* 57: 443-478.
 - **Yu, Y., Alwine, J.C.** (2002). Human cytomegalovirus major immediate-early proteins and simian virus 40 large T antigen can inhibit apoptosis through activation of the phosphatidylinositide 3'-OH kinase pathway and the cellular kinase Akt. *J Virol.* 76, 3731-8.
 - **Zamzami, N., Susin, S.A., Marchetti, P., Hirsch, T., Gómez-Monterrey, I., Castedo, M., Kroemer, G.** (1996) Mitochondrial control of nuclear apoptosis. *J. Exp. Med.* 183: 1533-1544.
 - **Zellos, L.S., Sugarbaker, D.J.** (2002). Diffuse malignant mesothelioma of the pleural space and its management *Oncology*, 16, 907-13; discussion 916-7, 919-20, 925.
 - **Zoller ,T., Zeller, W.J.** (2000) Production of reactive oxygen species by phagocytic cells after exposure to glass wool and stone wool fibres - effect of fibre preincubation in aqueous solution. *Toxicol Lett.* 114(1-3):1-9.
 - **Zoratti, M., Szabò, I.** (1995) The mitochondrial permeability transition. *Biochim. Biophys. Acta* 1241: 139-176.
 - **Zou, H., Henzel, W.J., Liu, X., Lutschg, A., Wang, X.** (1997) Apaf-1, a human protein homologous to C. elegans CED-4, participates in cytochrome c-dependent activation on caspase-3. *Cell* 90: 405-413.
 - **Zur Hausen, H.** (1996) Papillomavirus infections-a major cause of human cancers. *Biochem. Biophys. Acta*, 1288, F55-F78.