

## DAFTAR PUSTAKA

- Arifianto, FA. 2013. *Efektivitas ekstrak air purwaceng (*Pimpinella alpina*) pada induksi apoptosis dan ekspresi protein berbagai gen apoptosis pada selkanker paru A549*. Skripsi. Universitas Gadjah Mada. Jogjakarta
- Badan Penelitian dan Pengembangan Kesehatan. *Riset kesehatan dasar 2010*. Jakarta: Kementerian Kesehatan RI: 2010
- Baserga,R. 1985. *The biology of cell reproduction*. USA: Harvard University Press.
- Bertha,P. 2012. *Pengaruh Pemberian Ekstrak *Pimpinella alpina* (*Pimpinella alpina* Molk.) Melalui Pakan Terhadap Spermatogenesis Ikan Lele Jantan (*Clarias sp.*)*.tesis. Institut pertanian Bogor. Bogor.
- Badan Penelitian dan Pengembangan Kesehatan dan WHO SEARO. 2012. *Global Adult Tobacco Survey:Indonesia Report 2011*. Jakarta:Badan Kesehatan Dunia
- Brambilla, E dan Gazdar, A. 2009. *Pathogenesis of lung cancer signalling pathways:roadmap for therapies*. European respiratory journal volume 33 number 6: 1485-1497.
- Bronikowska J, Szliszka E, Jaworska D, Czuba ZP, Krol,W.2011.*The coumarin psoralidinenhances a anticancer effect of tumor necrosis factor-related apoptosis-inducing ligand (TRAIL)*. <http://www.ncbi.nlm.nih.gov/pubmed/22643355>
- Budzisz E, Brzezinska E, Krajewska U, Rozalski M. *Cytotoxic Effects, Alkylating Properties and Molecular Modelling of Coumarin Derivatives and Their Phosphonic Analogues*. Eur J Med Chem 2003; 38: 597-603.

- Caamano J, Ruggeri B, Momiki S, Sickler A, Zhang SY, Klein-Szanto JP. 1991. *Detection of p53 in primary lung tumors Apoptosis and cell cycle disturbances 283 and non-small cell lung carcinoma cell lines*. Am J Pathol 1991;139:839-45.
- Caropeboka, A.M. 1980. *Pengaruh ekstrak akar Pimpinella alpina Koord. terhadap sistem reproduksi tikus. Tesis. Institut Pertanian Bogor. Bogor. 73 hlm.*
- Caropeboka, A.M. dan I. Lubis. 1975. *Pemeriksaan pendahuluan kandungan kimia akar Pimpinella alpina (Pimpinella alpina)*. Prosiding Simposium Penelitian Tanaman Obat I, Bogor. hlm. 153-158.
- Conaway, B. webMD Archive. Akses 16 november 2014 <http://www.webmd.com/lung-ancer/features/non-small-cell-lung-cancer-advances-in-chemotherapy>
- Danusantoso, H. 2000. *Ilmu penyakit paru*. Hipokrates: Jakarta.
- Depkes RI. 2004. *cancer*. <http://www.depkes.go.id/ProfilKesehatanIndonesia202004> [diakses 13 September 2014].
- DeVita, 1997. Principle of cancer management: chemotherapy. In DeVita V, Hellman S, Rosenberg S, editors *Cancer: Principle & Practice of Oncology*. Philadelphia: Lippincott-Raven, pp 333-347
- Diananda, R. 2008. *Mengenal seluk beluk kanker*. Edisi 2. Yogyakarta: Kata hati
- Departemen Kesehatan Indonesia. 2007. *Profil kesehatan Indonesia 2005*. Jakarta: Depkes RI
- Ferlay, J., H. R. Shin, et al. (2010). *GLOBOCAN 2008, Cancer Incidence and Mortality Worldwide: IARC CancerBase No. 10* Lyon, France: International Agency for Research on Cancer. Available from: <http://globocan.iarc.fr>.
- Gazdar, AF. 2010. *Should we continue to use the term non-small-cell lung cancer?* Ann Oncol 2010, 21 (Suppl 7):vii225-9.

- Globocan. 2012. *Estimated Cancer Incidence, mortality and prevalence Worldwide in 2012*. [http://globocan.iarc.fr/Pages/fact\\_sheets\\_cancer.aspx](http://globocan.iarc.fr/Pages/fact_sheets_cancer.aspx) [diakses 29 oktober 2014]
- Green DR, Kroemer, G. 2009. *Cytoplasmic functions of the tumour suppressor p53*. *Nature*. 2009 Apr 30;458(7242):1127-30.doi: 10.1038/nature07986
- Gupta LM and Raina R (1998). *Side effects of some medicinal plants*. *Current Science*, 75, 897-900
- Hernani dan O. Rostiana. 2004. *Analisis kimia akar purwoceng (Pimpinella pruatjan)*. Makalah disampaikan pada Seminar Indonesian Biopharmaca and Exhibition Conference. Yogyakarta, 14-15 Juli.
- Kahn J, Preis P, Waldman F, Tseng A. *Coumarin modulates the cell cycle progression of an MTV-EJras cell line*. *J Cancer Res Clin Oncol* 1994;120 (Suppl):S19-22.
- Kumar, V., Abbas, K.A., Fausto, N, 2003. *Robbins and Cotran Pathology Basis of Disease 7th edition*, pp:269-342, Elsevier Saunders
- Kumar, V., Cotran, R.S., and Robbins, S.L. 2010. *Basic Pathology. 8th ed*. Philadelphia.
- Lane, D.P. 1992. Cancer. p53, guardian of the genome. *J. Nature*.358:15-16
- Levine, A.J. 1997. p53, *The cellular gatekeeper for growth and division*. *Cell*. 88: 323-331
- Mans,D.R.A., da Rocha, A.B., Schwartzmann, G. 2000. *Anti cancer drug discovery and development in Brazil: Targeted plant collection as a Rational strategy to acquire candidate anti-cancer compounds*. *The oncologist* 5(3): 185-198.
- Martin, B.M. 1994. *Tissue culture techniques: an introduction*. Boston:Birkhauser.
- Mosmann,T. 1983. *Rapid colorimetric assay for cellular growth and survival: application to*

*proliferation and cytotoxicity assays. Immunol methods* 65 (1-2): 55-63.

Muraoka, R.S., Lenferink, A.E., Law, B., Hamilton, E., Brantley, D.M., Roebuck, L.R., and Arteaga, C.L. (2002). *ErbB2/Neu-induced, cyclin D1-dependent transformation is accelerated in p27-haploinsufficient mammary epithelial cells but impaired in p27-null cells.* *Mol.Cell.Biol.* 22, 2204-2219.

National Cancer Centre Singapore. 2009. <http://www.National-Cancer-Centre-Singapore.com/2009/Lung-Cancer.aspx.html> [diakses 13 Septem ber 2013].

Nofal ZM, El-Zahar MI, Abdel-Karim SS. *Novel Coumarin derivatives with expected Biological Activity.* *Molecules.* 2000;5:99-113.

Ogawa, H., Ishiguro, K., Gaubatz, S., Livingston, D.M., and Nakatani, Y. (2002). *A complex with chromatin modifiers that occupies E2F-and Myc-responsive genes in Go cells.* *Science* 296, 1132-1136.

Quinn, A., Wong, C., Younus, J., Dranitsaris, G., Goel, R., and Trudeau, M. 2009. *Canadian Pattern of Care for Anemia: Comparison of Chemotherapies in Adjuvant Lung Cancer Setting.* American Association for Cancer Research.

Rahardjo, M. 2003. *Pimpinella alpina tanaman obat aprodisiak yang langka.* *Warta Penelitian dan Pengembangan Tanaman Industri* 9(2):4-7.

Rayman, J.B., Takahashi, Y., Indjeian, V.B., Dannenberg, J.-H., Catchpole, S., Watson, R.J., te Riele, H., and Dynlacht, B.D. (2002). *E2F mediates cellcycle-dependent transcriptional repression in vivo by recruitment of anHDAC1/mSin3B corepressor complex.* *Genes Dev.* 16, 933-947

- Roskopf F, Kraus J, Franz G. *Immunological and anti-tumor effects of coumarin and some derivatives*. Pharmazie 1992;47:139-42.
- Sekido Y, Fong KM, Minna JD. 1998. *Progress in understanding the molecular pathogenesis of human lung cancer*. Biochim Biophys Acta 1998; 1378(1):F21-59
- Sherr and McCormick. 2002. *The Rb and p53 pathways in cancer*. Cancer cell: August 2002 (2): 103-112
- Sidik, Sasongko, E. Kurnia, dan Ursula. 1975. *Usaha isolasi turunan kumarin dari akar Pimpinella alpina (Pimpinella alpina Molk.) asal dataran tinggi Dieng*. Dalam Simposium Tanaman Obat I, 8-9 Desember, Bagian Farmakologi. FKH, Institut Pertanian Bogor.
- Stanchev S, Momekov G, Jensen F, and Manolov I. 2008. *Synthesis, computational study and cytotoxic activity of new 4-hydroxycoumarin derivatives*. Eur J Med Chem. 2008 Apr;43(4):694-706.
- Stratchan, T dan Read, A. 2004. *Human Molecular Genetics* 3. Pp 696, Garland Publishing.
- Sun S, Schiller JH, Gazdar Af. 2007. *Lung cancer in never smokers- a different disease*. Nat Rev Cancer 7(10):778-90.
- Suzery, M., B. Cahyono, Ngadiwiyan, dan H. Nurhasnawati. 2004. *Senyawa stigmasterol dari Pimpinella alpina Molk*. Suplemen 39(1):39-41
- Syahid, S.F., O. Rostiana, dan M. Rohmah. 2004. *Pengaruh NAA dan IBA terhadap perakaran Pimpinella alpina (Pimpinella alpina Molk.) in vitro*. Makalah poster pada Indonesian Biopharmaca Exhibition and Conference. Yogyakarta, 14-19 Juli.
- Taufiqurrachman. 1999. *Pengaruh ekstrak Pimpinella alpina Molk. (Pimpinella alpina) dan akar Eurycoma longi-fovia Jack. (pasak bumi) terhadap peningkatan kadar testosteron, LH, dan FSH serta*

*perbedaan peningkatan-annya pada tikus jantan Spragul Dawley. Tesis. Pascasarjana Ilmu Biomedik, Universitas Diponegoro, Semarang. 119 hlm.*

Trimarchi, J.M., and Lees, J.A. (2002). *Sibling rivalry in the E2F family*. *Nat.Rev.Mol.Cell Biol.*3, 11-20

Trisilawati, O dan Pitono, J. 2012. *Pengaruh Cekaman Defisit Air terhadap Pembentukan Bahan Aktif pada Pimpinella alpina*. *Bul. Littro*. Vol. 23 No. 1, 2012, 34-47

UICC.2009. Annual Report 2009. <http://www.uicc.org/annual-report-2009> [diakses 19 Oktober 2014]

Vermeulen K, Van Bockstaele DR, Berneman ZN. 2003. *The cell cycle: a review of regulation, deregulation and therapeutic targets in cancer*. *Cell prolifer.* 2003 Jun;36(3):131-49. (REVIEW) PMID [12814430](https://pubmed.ncbi.nlm.nih.gov/12814430/)

Vickers A and Zollman C (1999). *ABC of complementary medicine: herbal medicine*. *BMJ*, 319, 1050 -3.

Welsh, C dan Hanley, M. 2003. *CURRENT Diagnosis & Treatment in Pulmonary Medicine*. LANGE CURRENT Series, McGraw-Hill Medical.

WHO.2008.Cancer.<http://www.who.int/mediacentre/factsheets/fs297/en/> [diakses 1 Oktober 2014]

WHO.2010.Cancer.<http://www.who.int/mediacentre/factsheets/fs290/en/> [diakses 13 September 2014]

WHO. 2014. *Cancer*. <http://www.who.int/mediacentre/factsheets/fs297/en/> [diakses 29 Oktober 2014]

WHO.2008.Cancer.<http://www.who.int/mediacentre/factsheets/fs297/en/> [diakses 1 Oktober 2014]

WHO.2010.Cancer.<http://www.who.int/mediacentre/factsheets/fs290/en/> [diakses 13 September 2014]

Wistuba, II, Gazdar AF. 2006. *Lung cancer preneoplasia*. *Annu Rev Pathol* 2006; 1:331-48.

Zhou Y, Gao W, Li, K. 2008. *Chinese herbal medicine in the treatment of lung cancer*. *Asian Journal of Traditional Medicines*, 2008, 3 (