

## DAFTAR PUSTAKA

- 1 Kementrian Kesehatan RI. Data dan Informasi Kesehatan Situasi Penyakit Kanker. Buletin Jendela Data dan Informasi Kesehatan. 2015; 1-4.
- 2 WHO. Cancer. 2018. [Cited 2018 November 7], Available from <https://www.who.int/news-room/fact-sheets/detail/cancer>.,.
- 3 Tian Q, Zang YH. Antiproliferative and Apoptotic Effects of The Ethanolic Herbal Extract of *Achillea falcata* in Human Cervical Cancer Cella are Mediated Via Cell Cycle Arrest and Mitochondrial Membrane Potential Loss. JBUON. 2015; 20(6): 1487–96.
- 4 WHO. Human Papillomavirus (HPV) and Cervical Cancer. 2018. [Cited 2018 November 7], Available from [https://www.who.int/news-room/fact-sheets/detail/human-papillomavirus-\(hpv\)-and-cervical-cancer](https://www.who.int/news-room/fact-sheets/detail/human-papillomavirus-(hpv)-and-cervical-cancer).,.
- 5 Cancer Research UK. Cervical Cancer Incidence Statistics. 2018. [Cited 2018 November 16], Available from <https://www.cancerresearchuk.org/health-professional/cancer-statistics/statistics-by-cancer-type/cervical-cancer#heading-One>.,.
- 6 Kementrian Kesehatan RI. Pusat Data dan Informasi Kesehatan Kementerian Kesehatan Republik Indonesia: Stop Kanker. 2015; 1-6.
- 7 Zhao JW, Fang F, Guo Y, Zhu TL, Yu YY, Kong FF et al. HPV16 Integration Probably Contributes to Cervical Oncogenesis Through Interrupting Tumor Suppressor Genes and Inducing Chromosome Instability. Journal of Experimental & Clinical Cancer Research 2016. 180(35): 1-14.
- 8 Kementerian Kesehatan RI. Pedoman Nasional Pelayanan Kedokteran : Kanker Serviks. Komite Penanggulangan Kanker Nasional. 2017; 6-10.
- 9 Koehn FE, Carter GT. The Evolving Role of Natural Products in Drug Discovery. Nature Reviews Drug Discovery. 2005; 4: 206-20.
- 10 Carvalho C, Santos R, Cardoso S, Correia S, Oliveira P, Santos M et al. Doxorubicin: The Good, the Bad and the Ugly Effect. Current Medicinal Chemistry. 2009; 16: 3267-85.
- 11 Palupi KD, Wulandari A, Goenadi FA, Nur KA, Fitriasari A. Efek Sitotoksik

- Ekstrak Etanolik Herba Seledri (*Apium graveolens L.*) Pada Sel Kanker T47D, WiDr, DAN HeLa.
- 12 Gao L, Feng L, Yao S, Jiao P, Qin S, Zhang W et al. Molecular Mechanisms of Celery Seed Extract Induced Apoptosis via S Phase Cell Cycle Arrest in the BGC-823 Human Stomach Cancer Cell Line. 2011; 12: 2601–2606.
  - 13 Syahidah FM, Sulistiyaningsih Rr. Potensi Seledri (*Apium graveolens L.*) untuk Pengobatan: Review Article. Farmaka. 2018; 1(16): 55–62.
  - 14 Danciu C, Zupko I, Bor A, Schwiebs A, Radeke H, Hancianu M et al. Botanical Therapeutics: Phytochemical Screening and Biological Assessment of Chamomile, Parsley and Celery Extracts against A375 Human Melanoma and Dendritic Cells. 2018; : 1–20.
  - 15 Kumar V, Abbas AK, Aster JC. Robbins Basic Pathology, 9th ed. Elsevier Inc: Amerika Serikat; 2013. p.675-7.
  - 16 Meiyanto E. Uji Sitotoksik Metode MTT. Cancer Chemoprevention Research Center Fakultas Farmasi UGM. 2013; 1-5
  - 17 Sastrawinata S. Obstetri Fisiologi. Eleman: Bandung; 1983. p.47-54.
  - 18 Arma N, Karlinah N, Yanti E. Bahan Ajar Obstetri Fisiologi. Deepublish: Yogyakarta; 2015.
  - 19 Subarkah A. Organ Genitalia Interna Wanita. Klinik Indonesesia. 2018. [Cited 2019 April 8], Available from <https://www.klinikindonesia.com/o/organ-genitalia-interna-wanita.php>.
  - 20 Moore KL, Dalley AF. Clinically Oriented Anatomy, 7th ed. Wolters Kluwer Health/Lippincott Williams & Wilkins: Philadelphia; 2014. p.385.
  - 21 Eroschenko VP. Atlas Histologi diFiore, 11th ed. EGC: Jakarta; 2014. p.469-71
  - 22 Drake RL, Vogl AW, Mitchell AWM. Dasar-Dasar Anatomi. Elsevier Inc: Singapore; 2014. p.230.
  - 23 Gartner LP, Hiatt JL. Buku Ajar Berwarna Histologi, 3rd ed. Elsevier Inc: Singapore; 2014. p.461.
  - 24 Anonim. Carcinoma. American Cancer Society. [Cited 2019 August 20], Available form <https://www.cancer.org/cancer/cancer-basics.html>.

- 25 Anonim. Cervical Cancer Health Professional Version. National Cancer Institute. 2006. [Cited 2019 August 20] Available from <https://www.cancer.gov/types/cervical/hp>.
- 26 Liwang F, Purbadi S. Kapita Selektta Kedokteran: Kanker Serviks. 4th ed. Media Aesculapius: Jakarta; 2016. p.496-500.
- 27 Anonim. Indonesia Human Papillomavirus and Related Cancers. Fact Sheet. 2018
- 28 Cohen PA, Jhingran A, Oaknin A, Denny L. Cervical Cancer. National Comprehensive Cancer Network. 2018. p.169–82.
- 29 Li WY, Qi Y, Cui XF, Huo Q, Zhu L, Zhang A et al. Characteristic of HPV Integration in the Genome and Transcriptome of Cervical Cancer Tissues. *BioMed Research International*. 2018; (1): 1-7.
- 30 Morrison DK. MAP Kinase Pathways. Cold Spring Harbor Laboratory Press. 2012; (4): 1–5.
- 31 Anonim. Panduan Praktis Skrining Kesehatan. BPJS Kesehatan. 2017; p.5-7.
- 32 Staff MC. Pap Smear. Mayo Clinic. [Cited 2019 August 22]. Available from <https://www.mayoclinic.org/tests-procedures/pap-smear/about/pac-20394841>.
- 33 Anonim. Panduan Penatalaksanaan Kanker Serviks. Komite Penanggulangan Kanker Nasional. p.1-13.
- 34 Anonim. Newly Approved DNA Test for HPV Could Replace Your Pap. *Women's Health*. 2014. [Cited 2019 August 23]. Available form <https://health.clevelandclinic.org/newly-approved-dna-test-for-hpv-may-replace-your-pap-test/>.
- 35 Singhakum N, Laiwejpithaya S, Chaopotong P. Digital Cervicography by Simply Portable Device as an Alternative Test for Cervical Cancer Screening in Rural Area of Thailand. *Asian Pacific Journal of Cancer Prevention*. 2018; 19: 1145–9.
- 36 Staff MC. Colposcopy. Mayo Clinic. [Cited 2019 August 23]. Available form <https://www.mayoclinic.org/tests-procedures/colposcopy/about/pac->

- 20385036.
- 37 Saputra V. Pemeriksaan Dini Kanker Serviks Lainnya. Klik Dokter. 2014. [Cited 2019 August 25]. Available form <https://www.klikdokter.com/info-sehat/read/2696038/pemeriksaan-dini-kanker-serviks-lainnya>.
- 38 Anonim. Cervical Cancer Symptoms and Signs. Cancer.Net. 2017. [Cited 2019 August 26]. Available form <https://www.klikdokter.com/info-sehat/read/2696038/pemeriksaan-dini-kanker-serviks-lainnya>.
- 39 Felman A. What You Need to Know About Cervical Cancer. Medical News Today. 2019. [Cited 2019 August 26]. Available form <https://www.medicalnewstoday.com/articles/159821.php>.
- 40 Anonim. Kendalikan Kanker Servix Sejak Dini dengan Imunisasi. Kementerian Kesehatan Republik Indonesia. 2016. [Cited 2019 August 27]. Available form <http://www.depkes.go.id/article/view/16112800001/kendalikan-kanker-servix-sejak-dini-dengan-imunisasi.html>.
- 41 Fadhila SR. Sekilas tentang Vaksin HPV. 2017. [Cited 2019 August 27]. Available form <http://www.idai.or.id/artikel/klinik/imunisasi/sekilas-tentang-vaksin-hpv>.
- 42 Mittal K, Kaushal V. Complications of Radiation Therapy in Carcinoma Cervix. International Journal of Applied Research 2015; 1(10): 720–31.
- 43 Anonim. Cervical Cancer Statistics. Cancer.Net. 2019. [Cited 2019 September 1]. Available form <https://www.cancer.net/cancer-types/cervical-cancer/statistics>.
- 44 Urry LA, Cain ML, Wasserman SA, Minorsky PV, Reece J. Campbell Biology. 11th ed. Pearson: New York; 2013. p.289-90.
- 45 Kumar V, Abbas A, Aster J. Robbins and Cotran Pathologic Basis of Disease. 9th ed. Elsevier Health Sciences: Philadelphia; 2014. p.289.
- 46 Sarmoko, Larasati. Regulasi Siklus Sel. Cancer Chemoprevention Research Center. 2003; 1–8.
- 47 Landecker H. Immortality , In Vitro : A History of the HeLa Cell Line. In: Broadwin P (ed). Biotechnology and Culture : Bodies, Anxieties, Ethics.

- Indiana University Press: Bloomington; 2000. p.53–72.
- 48 Rosita AT, Wijayanti TR, Widayanti E, Hermawan A. Sel HeLa. Cancer Chemoprevention Research Center Fakultas Farmasi UGM. [Cited 2019 September 3]. Available form [http://ccrc.farmasi.ugm.ac.id/?page\\_id=1224](http://ccrc.farmasi.ugm.ac.id/?page_id=1224)
- 49 Anonim. Dulbecco's Modified Eagle Medium (DMEM). HiMedia Cell Culture Enabling Breakthroughs: India; 2011. 1–5.
- 50 Muhammad I, Sulistyorini E. Seledri (*Apium graveolens* L). Cancer Chemoprevention Research Center Fakultas Farmasi UGM. 2014. [Cited 2019 September 4]. Available form [http://ccrc.farmasi.ugm.ac.id/?page\\_id=225](http://ccrc.farmasi.ugm.ac.id/?page_id=225).
- 51 Sowbhagya HB. Chemistry, Technology, and Nutraceutical Functions of Celery (*Apium graveolens* L.). *Critical Reviews in Food Science and Nutrition*: 2014; 54(3): 289–98.
- 52 Kooti W, Ahangarpoor A, Ghasemiboroon M, Sadeghnezhadi S, Abbasi Z, Shanaki Z et al. Effect of *Apium graveolens* Leaf on Serum Level of Thyroid Hormones in Male Rat. *Babol University Medical Science*: 2014; 16: 44–50.
- 53 Zikri M, Febjislami S. *Apium graveolens* L. *Sayuran Kita*: 2017. [Cited 2019 September 6]. Available form <http://main.tu-jo.com/ojs/index.php/TJPS/article/view/233>.
- 54 Sukahor A, Arisandi R. Seledri (*Apium graveolens* L) sebagai Agen Kemopreventif bagi Kanker. *Majority*: 2016; 5: 95–100.
- 55 Anonim. Klasifikasi dan Morfologi Seledri. Menteri Pertanian. [Cited 2019 September 6]. Available form <https://www.materipertanian.com/klasifikasi-dan-morfologi-seledri/>.
- 56 Krisnakai. Klasifikasi dan Morfologi Seledri. *Buku Teori*: 2017. [Cited 2019 September 6]. Available form <https://bukuteori.com/2019/08/15/klasifikasi-dan-morfologi-orong-orong/>.
- 57 Al-Snafi EA. The Pharmacology of *Apium graveolens*. *International Journal for Pharmaceutical Research Scholars*: Irag. 2014; 3: 671–77.
- 58 Malhotra SK. *Celery*. Woodhead Publishing Limited: India. 2012; 249–67.

- 59 Subhadradevi V, Khairunissa K, Asokkumar K, Sivashanmungam MUA JP. Induction of Apoptosis and Cytotoxic Activities of *Apium graveolens* Linn. Using in vitro Models. Middle-East Journal Science Research: 2011. 9: 90–4.
- 60 Naemah FN. A study of some Iraqi Medicinal plants for their spasmolytic and ; Antibacterial activities. Journal of Basrah Research: 2010. 36: 67–73.
- 61 Alqasoumi S, Al-Yahya M, Al-Howiriny T, Rafatullah S. Gastroprotective Effect of Radish *Raphanus Sativus* L on Experimental Gastric Ulcer Models in Rats. Farmacia: 2008. 56: 204–14.
- 62 Singh A, Handa S. Hepatoprotective Activity of *Apium graveolens* and *Hygrophila Auriculata* Against Paracetamol and Thioacetamide Intoxication in Rats. Journal of Ethnopharmacology: 1995. 49(3): 119–26.
- 63 Momin R, Nair M. Mosquitocidal, Nematicidal, and Antifungal Compounds from *Apium graveolens* L. Seeds. Journal of Agricultural and Food Chemistry: 2001. 49(1): 142–5.
- 64 Nurcahyanti ADR. Cervical Cancer : The Case in Indonesia and Natural Product- Based Therapy. J Cancer Biol Res: 2016. 4: 1–7.
- 65 Sukohar A, Arisandi R. Seledri ( *Apium graveolens* L ) sebagai Agen Kemopreventif bagi Kanker. Majority: 2016. 5: 95–100.
- 66 Tong X PJ. Targeting The PI3K/Akt/mTOR Axis by Apigenin for Cancer Prevention. Anticancer Agents Med Chemoteraphy: 2013. 13: 971–8.
- 67 Chen JR, Yang YC, Chen TC, Lai JCY, Chang SJ, Chang CL et al. Salvage chemotherapy in recurrent cervical cancer with biweekly pegylated Liposomal Doxorubicin (Lipo-Dox). Taiwan J Obstet Gynecol: 2008. 47: 322–326.
- 68 Baananou S, Bouftira I, Mahmoud A, Boukef K, Marongiu B BN. Antiulcerogenic and Antibacterial Activities of *Apium graveolens* Essential Oil and Extract. Nat Prod Res: 2013. 27: 1075–83.
- 69 Brankovic S, Kitic D, Radenkovic M, Veljkovic S, Kostic M, Miladinovic B et all. Hypotensive and Cardioinhibitory Effects of The Aqueous And Ethanol Extracts of Celery (*Apium graveolens*, Apiaceae). Acta Medica

- Median: 2010. 49: 13–6.
- 70 Teng CM, Lee LG, Huang T. Inhibition of Platelet-Aggregation by Apigenin from *Apium graveolens*. *Asia Pasific Journal Pharmacology*: 1988. 3(2): 85–9.
- 71 Tsi D, Das NP, Tan B. Effects of Aqueous Celery (*Apium graveolens*) Extract on Lipid Parameters of Rats Fed A High Fat Diet. *Planta Medica*: 1995. 61(1): 18–21.
- 72 Tsi D, Tan B. Effects of Celery Extract and 3-N-Butylphthalide on Lipid Levels in Genetically Hypercholesterolaemic (Rico) Rats. *Clinical and Experimental Pharmacology and Physiology*: 1996. 23(3): 214–17.
- 73 Tsi D, Tan B. The Mechanism Underlying the Hypocholesterolemic Activity of Aqueous Celery Extract, Its Butanol and Aqueous Fractions in Genetically Hypocholesterolemic Rico Rats. *Life Sciences*: 2000. 66(8): 755–67.
- 74 Mansi K, Abushoffa MA, Disi A, Aburjai T. Hypolipidemic Effect of seed Extract of Celery (*Apium graveolens*) in Rats. *Pharmacognosy Magazine*: 2009. 5(20): 301–5.
- 75 Le QT EW. Dose Response Relationship of Blood Pressure and Serum Cholesterol to 3-N-Butylphthalide, A Component of Celery Oil. *Clinical Research*: 1991. 39: 750.
- 76 Yusni, Zufry H, Meutia F SK. The Effects of Celery Leaf (*Apium graveolens* L.) Treatment on Blood Glucose and Insulin Levels in Elderly Pre-Diabetics. *Saudi Medical Journal*: 2018. 39: 154–60.
- 77 Anonim. Protokol Uji Sitotoksik Metode MTT. *Cancer Chemoprevention Research Center Fakultas Farmasi UGM*. 2013. 1–8.
- 78 Widyasanti A, Rohdiana D EN. Aktivitas Antioksidan Ekstrak Teh Putih (*Camellia sinensis*) dengan Metode DPPH. *Fortech*: 2016. 1: 1–9.
- 79 Landry J, Pyl P, Rausch T, Zichner T, Tekkedil MM, Stütz AM et al. The Genomic and Transcriptomic Landscape of a HeLa Cell Line. *Genes Genomes Genetics*: 2013. 3(8): 1213–24.
- 80 Hermawan A. Prosedur Tetap Pembuatan Media. *Cancer Chemoprevention Research Center Fakultas Farmasi UGM*. 2010; 1–5.

- 81 Hermawan A. Prosedur Tetap Menumbuhkan Sel dari Tangki Nitrogen Cair (Cell Thawing). Cancer Chemoprevention Research Center Fakultas Farmasi UGM. 2010; 1–3.
- 82 ECACC. Fundamental Techniques in Cell Culture. Sigma-Aldrich Laboratories. 2008; 50–52.
- 83 Anonim. Mekanisme Dan Regulasi Apoptosis. Cancer Chemoprevention Research Center Fakultas Farmasi UGM, Yogyakarta; 2006: 1–17.
- 84 Shi Y. Caspase Activation, Inhibition, and Reactivation: A Mechanistic View. Cold Spring Harbor Laboratory Press. USA; 2004: 13: 1979–87.
- 85 Sapari T, Abdurahman M, Tjandrawati A. Kadar Interleukin-6 Serum pada Karsinoma Payudara Lanjut Lokal dan yang Bermetastasis. MKB. 2014; 46(1): 15–21.
- 86 Rakad M, Jumaily A. Evaluation of Anticancer Activities of Crude Extracts of *Apium graveolens* L. Seeds in Two Cell Lines, RD and L20B in Vitro. Iraqi Journal of Cancer and Medical Genetics. 2010; 3(2): 18–23.
- 87 Rolando, Siswadi. Penelusuran Potensi Aktivitas Sitotoksik Fraksi Kulit Batang Tumbuhan Faloak (*Sterculia quadrifida* R.Br). e-Publikasi Fakultas Farmasi 201; 27–32.