

DAFTAR PUSTAKA

- Abdullah, M., Sudoyo, A.W., Utomo, A.R., Fauzi, A. & Rani, A.A., 2012, Molecular profile of colorectal cancer in Indonesia, *Research Institute for Gastroenterology and Liver Disease*, **5** (2), 71-78.
- Aghagolzadeh, P. & Radpour, R., 2016, New trends in molecular and cellular biomarker discovery for colorectal cancer, *World J Gastroenterol*, **22** (25), 5678-5693.
- Allen, W. L., Coyle, V.M. & Johnston, P.G., 2006, Predicting the outcome of chemotherapy for colorectal cancer, *Current Opinion in Pharmacology*, **6**, 332-33.
- Anonim, 2007, Colorectal Cancer Therapeutics and the Challenges of Applied Pharmacogenomics, *Curr Probl Cancer*, **31**, 315-366.
- Anonim, 2015, <http://www.depkes.go.id/article/view/15020400003/menkes-canangkan-komitmen-penanggulangan-kanker-di-indonesia.html#sthash.WRH5nBZL.dpuf>, 6 Februari 2016.
- Anonim, 2015, Panduan Penatalaksanaan Kanker Kolorektal, Kementerian Kesehatan RI, Jakarta.
- Bendardaf, R., Lamlum, H. & Pyronen, S., 2004, Prognostic and Predictive Molecular Markers in Colorectal Carcinoma, *Anticancer Research*, **24**, 2519-2530.
- Casey, J. B. & Kofinas, P., 2007, Selective binding of carcinoembryonic antigen using imprinted polymeric hydrogels, *Journal of Biomedical Materials Research, Part A*, Wiley Periodicals, Inc. J Biomed Mater Res, **87A**, 359-363
- Das, V., Kalita, J. & Pal, M., 2016, Predictive and prognostic biomarkers in colorectal cancer: A systematic review of recent advances and challenges, *Biomedicine & Pharmacotherapy*, **87**, 8-19.
- Durgin, G.D., 2000, Theory of Stochastic Local Area Channel Modelling for Wireless Communication, Final Dissertation submitted to the Faculty of The Virginia Polytechnic Institute and State University.
- Dressen, K., Hermann, N., Manekeller, S., WalgenbachBruenagel, G., Schildberg, F.A., Hettwer, K., Uhlig, S., Kalff, J.C. & Holdenrieder, S., 2015, Apoptosis-related biomarkers in patients with gastrointestinal cancer, *International Journal of Clinical Pharmacology and Therapeutics*, **53** (12), 1062-1064.
- Fabry, T.L., 1987. "Mechanism of Erythrocyte Aggregation and Sedimentation". *Blood*, **70** (5), 1572-1576.
- Graziano, F. & Cascinu, S., 2003, Prognostic molecular markers for planning adjuvant chemotherapy trials in Dukes' B colorectal cancer patients: how much evidence is enough?, *Annals of Oncology*, **14**, 1026-1038.
- Grizzi, F., Bianchi, P., Malesci, A. & Laghi, L., 2013, Prognostic value of innate and adaptive immunity in colorectal cancer, *World J Gastroenterol*, **19** (2), 174-184.
- Hartono, B., Pontoh, V.S. & Merung, M.A., 2015, Penilaian Jumlah Neutrofil, Limfosit dan Trombosit, Kadar Protein Reaktif C, Kadar Albumin, Rasio Neutrofil Limfosit, serta Rasio Trombosit Limfosit Sebelum dan Setelah Terapi pada Penderita Karsinoma Payudara, Fakultas Kedokteran Universitas Sam Ratulangi, Manado.

- Herr, I. & Debatin K. M., 2001, Cellular stress response and apoptosis in cancer therapy, *J. The American Society of Hematology*, **98** (9).
- Jahr, S., Hentze, H., Englisch, S., Hardt, D., Fackelmayer, F.O., Hesch R.D. & Knippers, R., DNA Fragments in the Blood Plasma of Cancer Patients: Quantitations and Evidence for Their Origin from Apoptotic and Necrotic Cells, *J. American Association for Cancer*, **61**, 1659–1665
- Kemenkes RI, 2017, Pedoman Nasional Pelayanan Kedokteran Kanker Kolorektal.
- Kumar, V., Abbas, A., Robbins, N.F.S. & Aster, R., 2010, *Robbins and Cotran Pathologic Basis of Disease*, 8th Ed., Elsevier Inc., Philadelphia.
- Kuppusamy, P., Govindan, N., Yusoff, M.M. & Ichwan, S.J.A., 2014, Proteins are potent biomarkers to detect colon cancer progression, *Saudi Journal of Biological Sciences*, **24**, 1212–1221.
- Mahasneh, A., Al-Shaheri, F. & Jamal, E., 2017, Molecular biomarkers for an early diagnosis, effective treatment and prognosis of colorectal cancer, *Experimental and Molecular Pathology*, **102**, 475–483.
- Marzouk, O. & Schofield, J., 2011, Review of Histopathological and Molecular Prognostic Features in Colorectal Cancer, *Cancers*, **3**, 2767-2810.
- McKeown, E., Nelson, D.W., Johnson, E.K., Maykel, J.A., Stojadinovic, A., Nissan, A., Avital, I, Brücher, B.L.D.M. & Steele, S.R., 2014, Current Approaches and Challenges for Monitoring Treatment Response in Colon and Rectal Cancer, *Journal of Cancer*, **5** (1), 31-43.
- Montgomery, R., Conway, T., W., & Spector, A., A., 1992, *Biochemistry: A Case-Oriented Approach*, diterjemahkan oleh Bagian Biokimia Fakultas Kedokteran UI, 5th Ed., Binarupa Aksara, Jakarta.
- Nakouzi, A., Valadon, P., Nosanchuk, J., Green, N. & Casadeval, A., 2001, Molecular basis for immunoglobulin specificity to epitopes in *Cryptococcus neoformans* polysaccharide that elicit protective and nonprotective antibodies, *Infect Immune*, **69**, 3398-3409.**
- Ngadikun, 2006. Gambaran Perubahan Potensial Zeta Se-Sel Darah (PZSD) Secara Spektrometri Pada Penderita Karsinoma Hepatoselular dan Tikus (*Rattus norvegicus*) Yang Diinduksi Hepatokarsinogen, Program Pasca Sarjana Universitas Padjajaran, Universitas Padjajaran, Bandung.
- Nugroho, K.A, Abraha, K. & Ngadikun, 2017, The Mechanism of Erythrocytes Aggregation in EDTA-Blood of Ovarian Cancer Patients Viewed by Coulomb's Law, *Int. J. A.S.E.I.T*, **7**, 2175-2182.
- Pohl, A., Lurje, G., Manegold, P.C. & Lenz, H.J., 2008, Pharmacogenomics and -genetics in colorectal cancer, *Advanced Drug Delivery Reviews*, **61**, 375–380.
- Prince, J.L. & Dickinson, R.B., 2003, Kinetics and forces of adhesion for a pair of capsular/unencapsulated *Staphylococcus* mutan strains, *Langmuir*, **19**(1), 154-159.
- Rathore, S. & Ali, B., 2014, Effect of laser radiation on electrical conductivity of human, *International Journal of Science, environment and technology*, **3**, 286-290.
- Simanjuntak, R.M., 2015, Analisis Dinamika Molekuler Penambatan Molekuler Kompleks α -Glukosidase dengan Sepuluh Senyawa Kimia Tanaman Hasil

- Virtual Screening* dari Basis Data Herbal, Fakultas Farmasi Universitas Indonesia, Jakarta.
- Siregar, G.A., 2007, Deteksi Dini Dan Penatalaksanaan Kanker Usus Besar, USU e-Repository, Medan.
- Søreide, K., Nedrebø, B.S., Knapp, J.C., Glomsaker, T.B., Søreide, J.A. & Kørner, H., Evolving molecular classification by genomic and proteomic biomarkers in colorectal cancer: Potential implications for the surgical oncologist, *Surgical Oncology*, **18**, 31-50.
- Tanaka, T., Tanaka, M., Tanaka, T. & Ishigamori, R., 2010, Biomarkers for Colorectal Cancer, *Int. Mol. Sci.*, **11**, 3209-3225.
- Walker, A.S., Zwintsher, N.P., Johnson, E.K., Maykel, J.A., Stojadinovic, A., Nissan, A., Avital, I., Brücher, B.L.D.M. & Steele, S.R., 2014, Future Directions for Monitoring Treatment Response in Colorectal Cancer, *Journal of Cancer*, **5** (1), 44-57.
- Wang, W.S., Lin, J.K., Lin, T.C., Chiou, T.J., Liu, J.H., Fan, F.S., Yen, C.C., Chen, W.S., Jeng-Jiang, J.K., Yang, S.H., Wang, H.S. & Chen, P.M., 2001, Carcinoembryonic antigen in monitoring of response to systemic chemotherapy in patients with metastatic colorectal cancer, *Int J Colorectal Dis*, **16**, 96–101.
- Wong, J., Arbuzova, A., Hangyas-Mihalyne, G. & McLaughlin, S., 2001, The effector domain of myristoylated alanine-rich c kinase substrate binds strongly to phosphatidylinositol 4,5-bisphosphate, *J. Biol. Chem*, **276**, 5012-5019.
- Wardani, E.K., 2014, Respon Fisik dan Psikologis Wanita dengan Kanker Serviks dan Kemoterapi Di RSUD Dr Moewardi Surakarta, Fakultas Ilmu Kesehatan Universitas Muhammadiyah Surakarta, Solo.
- Wells, B.G., DiPiro, J.T., Schwinghammer, T.L. & DiPiro, C.V., 2015, *Pharmacotherapy Handbook*, 9th Ed, McGraw-Hill Education, United States.
- Winder, T. & Lenz, H.J., Molecular predictive and prognostic markers in colon cancer, *Cancer Treatment Reviews*, **36**, 550–556.