



DAFTAR PUSTAKA

- Amin, M. B., Edge, S., Greene, F., Byrd, D. R., Brookland, R. K., Washington, M. K., *et al.* (2010). *AJCC Cancer Staging*. 8th ed. New York: Springer.
- Arico, S., Petiot, A., Bauvy, C., Dubbelhuins, P. F., Meijer, A. J., Codogno, P., *et al.* (2001). The Tumor Suppressor PTEN Positively Regulates Macroautophagy by Inhibiting the Phosphatidylinositol 3-kinase/protein kinase B Pathway. *J Biol Chem*, 276: 35243–35246.
- Birdwell, R. L., Morris, E. A., Wang, SC. *The Breast: Top 100 Diagnose*. 1st ed. USA: W. B. Saunders.
- Bland, K. I. (2007). *The Breast*. In: Schwartz (Editor) Schwartz's Principles of Surgery. 8th Ed. Graw Hill Inc: New York.
- Boenisch, T. (2001). Formalin-fixed and Heat-retrieved Tissue Antigens: A Comparison of Their Immunoreactivity in Experimental Antibody Diluents. *Appl Immunohistochem Mol Morphol*, 9 (2): 176-9.
- Bohensky, J., Shapiro, I. M., Leshinsky, S., Terkhorn, S. P., Adams, C. S., Srinivas, V. (2007). HIF-1 Regulation of Chondrocyte Apoptosis: Induction of the Autophagic Pathway. *Autophagy*, 3: 207-14.
- Boya, P., Gonzales-Polo, R. A., Casares, N., Perfettini, J. L., Dessen, P., Larochette, N., *et al.* (2005). Inhibition of Macroautophagy Triggers Apoptosis. *Mol Cell Biol*, 25: 1025–1040.
- Budovsyaka, Y. V., Stephan, J. S., Reggiori, F., Klionsky, D. J., Herman, P. K. (2004). The Ras/ cAMP-dependent Protein Kinase Signaling Pathway Regulates An Early Step of the Autophagy Process in *Saccharomyces Cerevisiae*. *J Biol Chem*, 279: 20663–20671.
- Crighton, D., Wilkinson, S., O'Prey, J., Syed, N., Simth, P., Harrison, P. R., *et al.* (2006). DRAM, a p53-induced Modulator of Autophagy, Is Critical for Apoptosis. *Cell*, 126: 121–134.
- Degenhardt, K., Mathew, R., Beaudoin, B., Bray, K., Anderson, D., Chen, G., *et al.* (2006). Autophagy Promotes Tumor Cell Survival and Restricts Necrosis, Inflammation, and Tumorigenesis. *Cancer cell*, 10: 51–64.
- Deng, L., Chen, J., Zhong, R., Luo, T., Wang, P., Huang, F., et al. (2015). Correlation Between Activation of PI3K/AKT/mTOR Pathway and Prognosis of Breast Cancer in Chinese Women. *PloS ONE*, 10(3): e0120511.
- DeVita, Vincent, T., Hellman. (2010). *Cancer: Principles & Practice of Oncology*. 7th Ed. USA: Lippincott Williams & Wilkins.
- Eccles, D. M., Cranston, G., Steel, C. M., Nakamura, Y., Leonard, R. C. (1990). Allele Losses on Chromosome 17 in Human Epithelial Ovarian Carcinoma. *Oncogene*, 5: 1599–1601.



- Erlich, S., Mizrachy, L., Segev, O., Lindenboim, L., Zmira, O., Adi-Harel, S., *et al.* (2007). Differential Interactions Between Beclin 1 and Bcl-2 Family Members. *Autophagy*, 3: 561-8.
- Feng, Z., Hu, W., de Stanchina, E., Teresky, A. K., Jin, S., Lowe, S., Levine, A. J. (2007). The Regulation of AMPK beta1, TSC2, and PTEN Expression by p53: Stress, Cell and Tissue Specificity, and the Role of These Gene Products in Modulating the IGF-1-AKT-mTOR Pathways. *Cancer Res*, 67: 3043–3053.
- Furuya, N., Yu, J., Byfield, M., Pattingre, S., Levine, B. (2005). The Evolutionarily Conserved Domain of Beclin 1 Is Required for Vps34 Binding, Autophagy and Tumor Suppressor Function. *Autophagy*, 1: 46-52.
- Glick, D., Barth, S., Macleod, K. F. (2010). Autophagy: Cellular and Molecular Mechanisms. *Journal of Pathology The*, 221(1): 3–12.
- Helvie, M. A., Bailey, J. E., Roubidoux, M. A., Pass, H. A., Chang, A. E., Pierce, L. J., *et al.* (2002). Mammographic Screening of TRAM Flap Breast Reconstructions for Detection of Nonpalpable Recurrent Cancer. *Radiology*, 224 (1): 211-6.
- Jin, S., DiPaola, R. S., Mathew, R., White, E. (2007). Metabolic Catastrophe as A Means to Cancer Cell Death. *J Cell Sci*, 120: 379–383.
- Jung, C. H., Jun, C. B., Kim, Y. M., Otto, N. M., Cao, J. (2009). ULK-Atg13-FIP200 Complexes Mediate mTOR Signaling to the Autophagy Machinery. *Mol Biol Cell*, 20:1992–2003.
- Karin, M. (2006). Nuclear Factor-kappaB in Cancer Development and Progression. *Nature*, 441: 431–436.
- Kheradmand, A. A., Ranjbarnovin, N., Khazaeipour, Z. (2010). Postmastectomy Locoregional Recurrence and Recurrence Free Survival in Breast Cancer Patients. *Bio. Med. Cent.*, 8: 30.
- Kim, J. S., Nitta, T., Mohuczy, D., O'Malley, K. A., Moldawer, L. L., Dunn, W.A. Jr., *et al.* (2008). Impaired Autophagy: A Mechanism of Mitochondrial Dysfunction in Anoxic Rat Hepatocytes. *Hepatology*, 47: 1725-36.
- Ku, B., Woo, J. S., Liang, C., Lee, K. H., Jung, J. U., Oh, B. H. (2008). An Insight Into the Mechanistic Role of Beclin 1 and Its Inhibition by Prosurvival Bcl-2 Family Proteins. *Autophagy*, 4: 519-20.
- Li, J., Jia, S., Zhang, W., Zhang, Y., Fei, X., Tian, R. (2013). Survival Analysis Based on Clinicopathological Data from a Single Institution: Chemotherapy Intensity Would Be Enhanced in Patient with Positive Hormone Receptor and Positive HER2 in China Who Cannot Afford the Target Therapy. *ISRN Oncology*, 2003: 8.
- Li, Z., Chen, B., Wu, Y., Jin, F., Xia, Y., Liu, X. (2010). Genetic and Epigenetic Silencing of the Beclin1 Gene in Sporadic Breast Tumor. *BMC Cancer*, 10: 98.



- Liang, X. H., Kleeman, L. K., Jiang, H. H., Gordon, G., Goldman, J. E., Berry, G., *et al.* (1998). Protection Against Fatal Sindbis Virus Encephalitis by Beclin, A Novel Bcl-2- interacting Protein. *J Virol*, 72: 8586-96.
- Mathew, R., Karp, C. M., Beaudoin, B., Vuong, N., Chen, G., Chen, H.Y. (2009). Autophagy Suppresses Tumorigenesis Through Elimination of p62. *Cell*, 137: 1062–75.
- Mintzer D., Glassburn, J., Mason, B. A., Sataloff, D. (2002). Breast Cancer in the Very Young Patient: A Multidisciplinary Case Presentation. *The Oncologist*, 6 (7).
- Moore, K. L., Agur, A. M. (2007). *Essential Clinical Anatomy*. 3rd ed. USA: Lippincott Williams & Walkins.
- Moore, K. L., Dalley, A. F., Agur, A. M. (2010). *Clinically Oriented Anatomy*. 6th edition. Philadelphia: Wolters Kluwer.
- Mutee, A. F., Kaur, G., Kumar, G., Sifzizul, T., Khalid, I. A., Tan, M. L. (2009). Immunohistochemical Evaluation of mTOR and Beclin-1 Protein Expression in Human Breast Cancer and Adjacent Normal Tissues, A Study in Malaysian Patient. *Bentham Op.*, 3: 111-112
- Panduan Penatalaksanaan Karsinoma payudara, Pedoman Penatalaksanaan Kanker Solid PERABOI 2014.
- Pattingre, S., Bauvy, C., Codogno, P. (2003). Amino Acids Interfere with the ERK1/2-dependent Control of Macroautophagy by Controlling the Activation of Raf-1 in Human Colon Cancer HT-29 Cells. *J Biol Chem*, 278: 16667–16674.
- Pattingre, S., Espert, L., Biard-Piechaczyk, M., Codogno, P. (2008). Regulation of Macroautophagy by mTOR and Beclin 1 Complexes. *Biochimie*, 90:313–23.
- Pattingre, S., Espert, L., Biard-Piechaczyk, M., Codogno, P. (2008). Regulation of Macro autophagy by mTOR and Beclin 1 Complexes. *J Biol Chem*, 90: 313-323.
- Pattingre, S., Tassa, A., Qu, X., Garuti, R., Liang, X. H., Mizushima, N., *et al.* (2005). Bcl-2 Antiapoptotic Proteins Inhibit Beclin 1-dependent Autophagy. *Cell*, 122: 927-39.
- Sakaki, K., Wu, J., Kaufman, R. J. (2008). Protein Kinase Ctheta is Required for Autophagy in Response to Stress in the Endoplasmic Reticulum. *J Biol Chem*, 283:15370–15380.
- Saladin, K. S. (2007). *Anatomy and Physiology*. 4th ed. Graw Hill inc: New York
- Sattler, T. & Mayer, A. (2000). Cell-Free Reconstitution of Microautophagic Vacuole Invagination and Vesicle Formation. *Cell*, 151(3): 233.



Suyatno, Pasaribu, E. T. (2014). *Karsinoma payudara. Dalam : Bedah Onkologi Diagnosis dan Terapi*. Edisi 2. Sagung Seto Jakarta 2014: 39-86

Tavassoli, F. A., Devilee, P. (2003). *Pathology and Genetics of Tumours of the Breast and Female Genital Organ*. 5th ed. Lyon: International Agency for Research on Cancer.

Ueno, T., Sato, W., Harie, Y., Komatsu, M., Tanida, I., Yoshida, M., et al. (2008). Loss of Pten, A Tumor Suppressor, Causes the Strong Inhibition of Autophagy without Affecting LC3 Lipidation. *Autophagy*, 4: 692–700.

Wang, H.G. (2003). *Autophagy and Cancer*. 1st ed. New York: Springer.

Wang, M-C., Wu, A-G., Huang, Y-Z., Shao, L-G., Ji, S-F., Wang W-R., et al. (2015). Autophagic Regulation of Cell Growth by Altered Expression of Beclin1 in Triple-Negative Breast Cancer. *Int J Clin Exp Med*, 8(5): 7049-7058.

Wargasetia, T., L. (2010). Role of Autophagy in Cancer Therapy. Maj. Kedokt. Indon., 7 (60): 324.

Wei, Y., Pattingre, S., Sinha, S., Bassik, M., Levine, B. (2008). JNK1-mediated Phosphorylation of Bcl-2 Regulates Starvation-induced Autophagy. *Mol Cell*, 30: 678- 88.

Wirawan, E., Vandewalle, L., Kersse, K., Cornelis, S., Claerhout, S., Vanoverberghe, I., et al. (2010). Caspase-mediated Cleavage of Beclin-1 Inactivates Beclin-1-induced Autophagy and Enhances Apoptosis by Promoting the Release of Proapoptotic Factors from Mitochondria. *Cell Death Dis*, 1: e18.

Won, Y., Kim, Y., Kim, W., Song, Y., Lim, S-J. (2010). Clinicopathologic Correlation of Beclin1 and Bcl-2 Expression in Human Breast Cancer. *Hum Path*, 41:107-112.

Wu, K., Coffelt, B., Cho, H., Wang, J., Lee, W. Chan, L., et al. (2012) The Autophagic Paradox in Cancer Therapy. *Onc*, 31: 939-953.

Yang, Z. J., Chee, C. E., Huang, S. (2011). The Role of Autophagy in Cancer: Therapeutic Implication. *Mol Cancer Ther*, 10: 1533-1541.

Zhu, H., Wu, H., Liu, X., Li, B., Chen, Y., Ren, X., et al. (2009). Regulation of Autophagy by A Beclin1-targeted microRNA, miR-30a, in Cancer Cells. *Autophagy*, 5: 816-23.