

DAFTAR PUSTAKA

- Adham, M., Kurniawan, A. N., Muhtadi, A. I., et al. 2012. Nasopharyngeal in Indonesia: epidemiology, incidence, signs and symptoms at presentation. *Chin J Cancer*, 31, 185–96.
- Ai, L., Stephenson, K. K., Ling, W., et al. 2003. The p16 (CDKN2a/INK4a) tumor-suppressor gene in head and neck squamous cell carcinoma: A promoter methylation and protein expression study in 100 cases. *Mod Pathol*, 16(9), 944–950.
- Badan Penelitian dan Pengembangan kesehatan-Kementerian Kesehatan RI. 2013. *Riset Kesehatan Dasar (Riskesdas 2013)*. Jakarta: Badan Litbangkes, Depkes RI.
- Chan, J. K. C., Pilch, B. Z., Kuo, T. T., et al. 2005. Tumor of the Nasopharynx. in *World Health Organization Classification of Tumours Pathology & Genetics Head and Neck Tumours*, 83–106.
- Chong, V. H., Telisinghe, P.U, LIM, E., et al. 2015. Declining incidence of nasopharyngeal carcinoma in Brunei Darussalam: A three decade study (1986-2014). *Asian Pac J Cancer Prev*, 16, 7097–101.
- Chou, J., Ling, Y. C., Kim, J., et al. 2008. Nasopharyngeal Carcinoma Review of Molecular Mechanisms of Tumorigenesis. *Head Neck*, 30, 946–63.
- Deep, J. S., Sidhu, S., Chandel, A., Thapliyal, S., Garg, C. 2012. Aberrant Methylation in Promoters of GSTP1, p16, p14, and RASSF1A Genes in Smokers of North India. *ISRN Pulmon*, 2012, 1–6.
- Ekburanawat, W., Ekpanyaskul, C., Brennan, P., et al. 2010. Evaluation of non-viral risk factors for nasopharyngeal carcinoma in Thailand: Results from a case-control study. *Asian Pac J Cancer Prev*, 11, 929–32.
- Fachiroh, J., Sangrajang, S., Johansson, M., et al. 2012. Tobacco consumption and genetic susceptibility to nasopharyngeal carcinoma (NPC) in Thailand. *Cancer Causes Control*, 23(12), 1995–2002.
- Ferlay, J., Soerjomataram, I., Ervik, M., et al. 2012. International Agency for Research on Cancer. GLOBOCAN 2012 v1.0, Cancer Incidence and Mortality Worldwide: IARC CancerBase No. 11. globocan.iarc.fr. Accessed: 12 July 2016.
- Gupta, B., Kumar, N., Johnson, N. W. 2017. Relationship of Lifetime Exposure to Tobacco, Alcohol and Second Hand Tobacco Smoke with Upper aero-

digestive tract cancers in India: a Case-Control Study with a Life-Course Perspective. *Asian Pac J Cancer Prev*, 18, 347–56.

Haque, AK., Au, W., Salazar, NH., et al. 2004. CYP2E1 Polymorphism, Cigarette Smoking, p53 Expression, and Survival in Non-small Cell Lung Cancer A Long Term Follow-up Study. *Appl Immunohistochem Mol Morphol*, 12(4), 315-22.

Head and Neck cancer guide. 2016. *Anatomy of Nasopharyngeal Carcinoma: HeadandNeckCancerGuide.org*. Available at: <http://www.headandneckcancerguide.org/adults/introduction-to-head-and-neck-cancer/throat-cancer/nasopharyngeal-cancer/anatomy/> (Accessed: 12 October 2016).

Hsu, W. L., Chen, J. Y., Chien, Y. C., et al. 2009. Independent effect of *EBV* and cigarette smoking on nasopharyngeal carcinoma: A 20-year follow-up study on 9,622 males without family history in Taiwan. *Cancer Epidemiol Biomarkers and Prevent*, 18(4), 1218–1226.

Hutajulu, S. H., Indrasari, S. R., Indrawati, L. P. L., et al. 2011. Epigenetic markers for early detection of nasopharyngeal carcinoma in a high risk population. *Mol Cancer*, 10, 1-9.

Hwang, C. F., Cho, C. L., Huang, C. C., et al. 2002. Loss of cyclin D1 and p16 expression correlates with local recurrence in nasopharyngeal carcinoma following radiotherapy. *Ann.Oncol*, 13, 1246–1251.

Internasional Agency for Research on Cancer (IARC). 2013. The carcinogenicity of outdoor air pollution. Available at www.thelancet.com/oncology. [http://dx.doi.org/10.1016/S1470-2045\(13\)70487-X](http://dx.doi.org/10.1016/S1470-2045(13)70487-X).

Jia, W. H. and Qin, H. De. 2012. Non-viral environmental risk factors for nasopharyngeal carcinoma: A systematic review. *Sem Cancer Biol*. Elsevier Ltd, 22(2), 117–126.

Jiang, W., Cai, R., Chen, Q. Q. 2016. DNA methylation biomarkers for nasopharyngeal carcinoma: Diagnostic and prognostic tools. *Asian Pac J Cancer Prev*, 16, 8059–65.

Kok, L., Lee, M., Tyan, Y., et al. 2010. Comparing the scoring mechanisms of p16 INK4a immunohistochemistry based on independent nucleic stains and independent cytoplasmic stains in distinguishing between endocervical and endometrial adenocarcinomas in a tissue microarray study. *Arch Gynecol Obstet*, 281, 293–300.

Lee, K. W. K and Pausova, Z. 2013. Cigarette smoking and DNA methylation. *Front Genetics*, 4, 1–11.

- Lin, J. H., Jiang, C. Q., Ho, S. Y., et al. 2015. Smoking and nasopharyngeal carcinoma mortality: A cohort study of 101,823 adults in Guangzhou, China. *BMC Cancer*, 15(1), 1–7.
- Long, M., Fu, Z., Li, P., Nie, Z. 2017. Cigarette smoking and the risk of nasopharyngeal carcinoma: a meta-analysis of epidemiological studies. *BMJ Open*, 7, 1-11.
- Mäkitie, A. A., MacMillan, C., Ho, J., et al. 2003. Loss of p16 expression has prognostic significance in human nasopharyngeal carcinoma. *Clin cancer res*, 9(6), 2177–84.
- Matos, L. L. De., Stabenow, E., Tavares, M. R., et al. 2006. Immunohistochemistry quantification by a digital computer-assisted method compared to semiquantitative analysis. *Clinics (Sao Paulo, Brazil)*, 61(5), 417–424.
- Nawaz, I. 2015. Employing Epigenetic Marks To Detect Cancer . Studies On Nasopharyngeal Carcinoma And Lung Cancer. In 'Epigenetic mechanism of gene regulation and their role in tumorigenesis. Karolinska University Press, Stockholm, 3-16.
- Nawaz, I., Moumad, K., Martorelli, D., et al. 2015. Detection of nasopharyngeal carcinoma in Morocco (North Africa) using a multiplex methylation-specific PCR biomarker assay. *Clin Epigenetics*, 7, 1-12.
- Ouyang, P. Y., Su, Z., Mao, Y. P., et al. 2013. Prognostic impact of cigarette smoking on the survival of patients with established nasopharyngeal carcinoma. *AACR Journal*, 22, 2285–94.
- Peng, G., Cao, R. B., Li, Y. H., et al. 2014. Alterations of cell cycle control proteins SHP-1/2, p16, CDK4 and cyclin D1 in radioresistant nasopharyngeal carcinoma cells. *Mol Med Reports*, 10(4), 1709–1716.
- Peterson, B. R and Nelson, B. L. 2013. Nonkeratinizing Undifferentiated Nasopharyngeal Carcinoma. *Head and Neck Pathol*, 7, 73–75.
- Saad, S. and Wang, T. J. C. 2014. Review Nasopharyngeal carcinoma : Current treatment options and future directions. *J Nasopharyngeal Carcino*, 1–16.
- Shahani, T., Makvandi, M., Samarbafzadeh, A., et al. 2017. Frequency of Epstein Barr Virus Type 1 Among Nasopharyngeal Carcinomas in Iranian Patients. *Asian Pac J Cancer Prev*, 18, 327–31.
- Shao, Y., Jiang, H., Wu, X., et al. 2014. p16 promoter hypermethylation is associated with increased risk of nasopharyngeal carcinoma. *Mol clin oncol*, 2(6), 1121–24.

- Sharma, T. D., Singh, T.T., Laishram, R. S., et al. 2011. Nasopharyngeal carcinoma--a clinico-pathological study in a regional cancer centre of northeastern India. *Asian Pac J Cancer Prev*, 12, 1583–7.
- Sterlacci, W., Tzankov, A., Veits, L., et al. 2011. A Comprehensive Analysis of p16 Expression, Gene Status, and Promoter Hypermethylation In Surgically Resected. *J Thorac Oncol*. 6, 1649–57.
- Tam, K.W., Zhang, W., Soh, J., et al. 2013. CDKN2A/p16 Inactivation Mechanisms and Their Relationship to Smoke Exposure and Molecular Features in Non–Small-Cell Lung Cancer. *J Thorac Oncol*, 8, 1378–88.
- Thompson, L. D. R. 2007. Update on Nasopharyngeal Carcinoma. *Head Neck Pathol*, 81–86.
- Tulalamba, W and Janvilisri, T. 2012. Nasopharyngeal carcinoma signaling pathway: An update on molecular biomarkers. *Int J Cell Biol*, 2012, 1-10.
- Turkoz, F.P., Celenkoglu, G., Dogu, G.G., et al. 2011. Risk factors of nasopharyngeal carcinoma in Turkey-an epidemiological survey of the Anatolian Society of Medical Oncology. *Asian Pac J Cancer Prev*, 12, 3017–21.
- Umar, B and Ahmed, R. 2014. Nasopharyngeal carcinoma, an analysis of histological subtypes and their association with *EBV*, a study of 100 cases of Pakistani population. *Asian J Med Sci*, 5, 16–20.
- U.S. Department of Health and Human Services. 2010. How Tobacco Smoke Causes Disease: The Biology and Behavioral Basis for Smoking-Attributable Disease: A Report of the Surgeon General. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health. 225-254.
- Wei, K., Zheng, R., Zhang, S., et al. 2014. Nasopharyngeal carcinoma incidence and mortality in China in 2010. *Chin J Cancer*, 33, 381–7.
- Wei, K., Xu, Y., Liu, J., Zhang, W., Liang, Z. 2010. No incidence trends and no change in pathological proportions of nasopharyngeal carcinoma in Zhongshan in 1970-2007. *Asian Pac J Cancer Prev*, 11, 1595–9.
- WHO (2012) *Global Adult Tobacco survey / Indonesia report 2011*. New Delhi: WHO.
- Xie, S., Yu, I. T., Tse, L. A., Au, J. S. K., Lau, J.S.M. 2015. Tobacco smoking, family history, and the risk of nasopharyngeal carcinoma: a case–referent

study in Hong Kong Chinese. *Cancer Causes Control*, 26, 913–21.

- Xue, W. Q., Qin, H., Ruan, H., Shugart, Y.Y., Jia, W. 2013. Quantitative association of tobacco smoking with the risk of nasopharyngeal carcinoma: A comprehensive meta-analysis of studies conducted between 1979 and 2011. *Am J Epidemiol*, 178, 325–38.
- Yong, S. K., Ha, T. C., Chert, M., et al. 2017. Associations of lifestyle and diet with the risk of nasopharyngeal carcinoma in Singapore : a case – control study. *Chin J Cancer*, 36, 1-8.
- Zhang, B., Zhu, W., Yang, P., et al. 2011. Cigarette smoking and p16INK4a gene promoter hypermethylation in non-small cell lung carcinoma patients: a meta-analysis. *PloS One*, 6, 1-9.
- Zhu, X., Li, J., Deng, S., et al. 2016. Genome-Wide Analysis of DNA Methylation and Cigarette Smoking in Chinese. *Environ Health Perspect*, 124, 966–73.
- Zhu, Y., Wang, L., He, HJ., Yang, X. 2005. Formaldehyde effect on DNA methylation and demethylation. *Proceedings: Indoor Air*, 3817-21.