

## DAFTAR PUSTAKA

- Anwar, K., Ma'ruf, I., & Prahastuti, A. D. 2015. Identifikasi bahaya , penilaian risiko dan pengendalian risiko pada pekerjaan tambang belerang ( studi pada pekerja tambang belerang di Taman Wisata Alam Kawah Ijen ) Hazard identification , risk assessment , and risk control in sulfur mining occupation ( studies on sulfur mining in Crater Ijen Natural Park ) [skripsi]. Jeber : Universitas Jember.
- Arul, P., Smitha, S., Masilamani, S., & Akshatha, C. 2018. Micronucleus Assay in Exfoliated Buccal Epithelial Cells Using Liquid Based Cytology Preparations in Building Construction Workers. *Iran J Pathol*, 13(1), 30–37.
- Babuta, S., Garg, R., Mogra, K., & Dagal, N. 2014. Cytomorphometrical Analysis of Exfoliated Buccal Mucosal Cells : Effect of Smoking. *J Nat Sci*, 1(1), 22–27.
- Bani, M., & Santjojo, D. H. 2013. Pengaruh Suhu Reaksi Reduksi Terhadap Pemurnian Karbon Berbahan Dasar Tempurung Kelapa. *J Natural B*, 2(2), 159–163.
- Bhattacharya, S. 2016. Reactive Oxygen Species and Cellular Defense System. *Integr Med Res*, 5(4), 250–258.
- Danusantoso, H. 2003. Peran radikal bebas terhadap beberapa penyakit paru. *J Kedokteran Trisakti*, 22(1), 31–36.
- Dayem, A. A., Hossain, M. K., Lee, S. Bin, Kim, K., Saha, S. K., Yang, G., ... Cho, S. 2017. The Role of Reactive Oxygen Species ( ROS ) in the Biological Activities of Metallic Nanoparticles. *Int. J. Mol. Sci*, 18(120), 1–21.
- Dewi, T., & Ikhsan, M. 2010. Perubahan Iklim dan Kesehatan Paru. *J Respir Indo*, 30(4), 230–237.
- Dewi Sapta, Y., & Budiyanti, T. 2010. Pengaruh campuran kadar kerosin dalam premium terhadap emisi gas sulfur oksida dan nitrogen oksida pada kendaraan bermotor. *Jurnal LIMIT'S*, 6(2).
- García-Lestón, J., Méndez, J., Pásaro, E., & Laffon, B. 2010. Genotoxic effects of lead: An updated review, 36(6), 623–636.
- Gupta, A., Bhovi, T. V, Jaju, P. P., Gupta, A., & Gupta, M. 2016. Micronuclei frequency as an early diagnostic tool for detection of Oral Cancer : A comparative study. *IJOHD*, 2(2), 77–83.
- Guyton, A. C., & Hall, J. E. 2008. *Buku Ajar Fisiologi Kedokteran* (11th ed.). Jakarta: EGC.

- Halliwell, B., & Whiteman, M. 2004. Measuring reactive species and oxidative damage in vivo and in cell culture: how should you do it and what do the results mean?, 142(2), 231–255.
- Hao, Q., & Cho, W. C. 2014. Battle Against Cancer : An Everlasting Saga of p53, 22109–22127.
- Holland, N., Bolognesi, C., Kirsch-volders, M., Bonassi, S., Zeiger, E., Knasmueller, S., & Fenech, M. 2008. Mutation Research / Reviews in Mutation Research The micronucleus assay in human buccal cells as a tool for biomonitoring DNA damage : The HUMN project perspective on current status and knowledge gaps, 659, 93–108.
- Iflahah, M. A., & Suaniti, N. M. 2014. Penentuan kadar 8-hidroksi-2'-deoksiguanosin (8-OHdG) dalam urin tikus setelah terpapar etanol dan asap rokok. *Jurnal Kimia*, 8(1), 42–46.
- Kartiyani, I., & Santoso, O. 2010. Pengaruh paparan uap sulfur terhadap kejadian gingivitis. *Jurnal PDGI*, 59(1), 24–28.
- Kashyap, B., & Reddy, P. 2012. Micronuclei assay of exfoliated oral buccal cells: means to assess the nuclear abnormalities in different diseases. *J Cancer Res Ther*, 8(2), 184–191.
- Kaur, M., Saxena, S., Samantha, Y. P., Chawla, G., & Yadav, G. 2013. Usefulness of Oral Exfoliative Cytology in Dental Practice. *JOHDC*, 7(3), 161–165.
- Khanna, S., Purwar, A., Singh, N. N., Sreedhar, G., & Singh, S. 2014. Cytogenetic biomonitoring of premalignant and malignant oral lesions by micronuclei assessment : A screening evaluation. *Eur J Gen Dent*, 3(1).
- Khot, K., Deshmane, S., Bagri-Manjarekar, K., Warke, D., & Kotak, K. 2015. A cytomorphometric analysis of oral mucosal changes in tobacco users. *J Nat Sci, Biology and Medicine*, 6.
- Kumari, R., Sen, N., & Das, S. 2014. Tumour suppressor p53 : understanding the molecular mechanisms inherent to cancer. Special Selection : Cancer, 107.
- Liou, G., & Storz, P. 2014. Reactive Oxygen Species in Cancer.
- Luzhna, L., Kathiria, P., & Kovalchuk, O. 2013. Micronuclei in genotoxicity assessment : from genetics to epigenetics and beyond, 4(July), 1–17.
- Ma'aruf, I., Dewi, A., Hartanti, R. I., & Indrayani, R. 2016. Identifikasi keluhan kesehatan akibat paparan bahan pencemar belerang (studi kasus pada pekerja di kawasan Pegunungan Ijen Kabupaten Banyuwangi). *Arc Com Health*, 3(2), 14–21., 3(2), 14–21.

- Mansoori, A. N., Gautam, R. K., & Tiwari, P. C. 2014. A Review on Genotoxicity, 4(3), 162–165.
- Maslachah, L., Sugihartuti, R., & Kurniasanti, R. 2008. Hambatan Produksi Reactive Oxygen Species Radikal Superoksida ( $O_2 \cdot^-$ ) oleh Antioksidan Vitamin E ( $\alpha$ -tocopherol) pada Tikus Putih (*Rattus norvegicus*) yang Menderita Stressor Renjatan Listrik, 24(1), 21–26.
- Morita, T., MacGregor, J. T., Hayashi, M. 2011. Micronucleus assay in rodent tissue other than bone marrow. *Mutagenesis*, 26(1), 223–230.
- Nagarathna, P. K. M., Wesley, M. J., & Reddy, P. S. 2013. Review on Genotoxicity, its Molecular Mechanisms and Prevention. *Int J Pharm Sci Rev Res*, 22(1), 236–243.
- Nivia, M., Sunil, S. N., Rathy, R., & Anikumar, T. V. 2015. Comparative cytomorphometric analysis of oral mucosal cells in normal, tobacco users, oral leukoplakia and oral squamous cell carcinoma. *J Cytol*, 32(4), 253–260.
- O’Neil, M. J. 2013. *The Marck Index: an encyclopedia of chemicals, drugs, and biologicals* (15th ed.). England: Royal Society of Chemistry.
- Ock, C.-Y., Kim, E.-H., Choi, D. J., Lee, H. J., Hahm, K.-B., & Chung, M. H. 2012. 8-Hydroxydeoxyguanosine: Not mere biomarker for oxidative stress, but remedy for oxidative stress-implicated gastrointestinal diseases. *World J Gastroentero*, 18(14), 302–308
- Pereira, M., Baston-Aires, D., Azevedo, A., Perez-Mongioli, D., & Teixeira, A. 2015. Preliminary study of micronuclei levels in oral exfoliated cells from patients with periodontitis. *JDS*, 8, 200–204.
- Pham-huy, L. A., He, H., & Pham-huy, C. 2008. Free Radicals, Antioxidants in Disease and Health. *IJBS*, 4(2), 89–96.
- Putri Listya, A. 2008. Paparan uap belerang sebagai faktor resiko terjadinya gingivitis [skripsi]. Semarang : Fakultas Kedokteran Universitas Diponegoro.
- Rachmanto, S. 2014. Eksploitasi Buruh Pengangkut Belerang di Gunung Welirang [skripsi]. Surabaya : Fakultas Ilmu Sosial dan Ilmu Politik Universitas Airlangga.
- Rahma, N., Dewi, N., & Rahardja, S. D. 2016. Analisis sitogenik mikronukleus mukosa bukal pada perokok. *J Keg Gi*, I(1), 15–20.
- Rahmad, R., Dewi, N., & Rosida, L. 2016. Pengaruh paparan batubara terhadap jumlah mikronukleus mukosa bukal pada pekerja tambang batu bara di Kecamatan Murung Pudak Kabupaten Tabalong. *Jurnal Kedokteran Gigi*,

I(2), 129–134.

- Robbins, L. S., Kumar, V., & Cotran, S. R. 2004. *Buku Ajar Patologi Robbins*, Edisi 7, Vol. 1 (7th ed.). Jakarta:EGC.
- Sabirin, I. P. R. 2015. Sitopatologi Eksfoliatif Mukosa Oral sebagai Pemeriksaan Penunjang di Kedokteran Gigi. *JKK*, 2(1), 157–161.
- Sablina, A. A., Ilyinskaya, G. V, Rubtsova, S. N., Agapova, L. S., Chumakov, P. M., & Kopnin, B. P. 1998. Activation of p53-mediated cell cycle checkpoint in response to micronuclei formation. *J Cell Science*, 984, 977–984.
- Saranya, S. 2014. Cytomorphological changes in buccal epithelial cells of khaini chewers in different age groups. *AJBPS*, 04(30), 43–47.
- Singh, M., Sircar, K., Tandon, A., Chowdhry, A., & Bablani, P. D. 2014. The role of tobacco as an etiological agent for oral cancer: Cytomorphometrical analysis of the buccal mucosa in tobacco users. *Dent Res J*, 11(6), 649–655.
- Samiaji, T. 2011. Gas CO<sub>2</sub> di wilayah INDONESIA. *Jurnal LAPAN*, 12(2), 68–75.
- Santoso, D., Titien, I., & Wm, K. 2012. Pengaruh Pemakaian Breket Terhadap Maturasi Sel Epitel Mukosa Bukal Pada Pasien Anak Periode Gigi Bercampur ( Kajian pada Tahap Leveling 2 Minggu ). *J Keg Gi*, 2, 248–253.
- Shah, S. U. 2012. Importance of Genotoxicity & S2A guidelines for genotoxicity testing for pharmaceuticals. *IJBPS*, 1(2), 43–54.
- Shashikala, R., Indira, A. P., Manjunath, G. S., Arathi rao, K., & Akshantha, B. K. 2015. Role of micronucleus in oral exfoliative cytology. *IJBPS.*, 7.
- Soekamto, T. H., & Perdanakusuma, D. 2012. Intoksikasi Karbon Monoksida. *Jurnal Unair*,(1).
- Solomon, M. C. 2010. Cytomorphological Analysis of Keratinocytes in Oral Smears from Tobacco Users and Oral Squamous Cell Carcinoma Lesions — A Histochemical Approach. *International Journal of Oral Sciences, Int J Oral Sci*, 2(1), 45–52.
- Stavert, D. M., Archuleta, D. C., Berh, M. J., & Lehnert, B. E. 1991. Relative acute toxicities of hydrogen fluoride, hydrogen chloride, and hydrogen bromide in nose- and pseudo-mouth-breathing rats. *J Toxicol Sci*, 16(4), 636–655.
- Taroreh, F. L., Mangimbulude, J. C., & Karwur, F. F. 2016. Evolutionary Perspective of Sulfur Dynamics in Tomohon and Implications on

Microbial Corrosion. *Jurnal UPNYK*, 1–8.

- Wahyudi, D., Wardana, I. N. G., & Hamidi, N. 2012. Pengaruh Kadar Karbondioksida (CO<sub>2</sub>) dan Nitrogen (N<sub>2</sub>) Pada Karakteristik Pembakaran Gas Metana, 3(1), 241–248.
- Waris, G., & Ahsan, H. 2006. Reactive Oxygen Species: role in the development of cancer and various chronic conditions. *Journal of Carcinogenesis*, 5(14).
- Yadav, A. S., & Jaggi, S. 2015. Buccal Micronucleus Cytome Assay- A Biomarker of Genotoxicity. *SJMBD*, 6(3).
- Yerlagudda, K., Kamath, V. V., & Satelur, K.. 2012. Morphological Assessment of Oral Cytological Smears Before and After Application of Toluidine Blue in Smokers and Nonsmokers, 3(1), 8–14.