

DAFTAR PUSTAKA

- Abdlaty, R., Hayward, J., Farrell, T., & Fang, Q. (2021). Skin erythema and pigmentation: A review of Optical Assessment Techniques. *Photodiagnosis and Photodynamic Therapy*, 33:102-127.
- Abuabara, K., Yu, A. M., Okhovat, J. -P., Allen, I. E., & Langan, S. M. (2017). The prevalence of atopic dermatitis beyond childhood: A systematic review and meta-analysis of longitudinal studies. *Allergy*, 73(3):696–704.
- Achmad, L. N., & Cahyawari, D. (2022). Relationship of stress to recurrence of atopic dermatitis in adults. *Journal of Drug Delivery and Therapeutics*, 12(3), 62–66.
- Agner, T. (2016). *Skin barrier function* (Vol. 49). Copenhagen:Karger AG.
- Alenazi, S. D. 2023. Atopic dermatitis: a brief review of recent advances in its management. *Dermatol Reports*, 15(3):9678.
- Armengot-Carbo, M., Hernández-Martín, & Torrelo, A. (2015). Filagrina: Papel en la Barrera Cutánea y en el Desarrollo de Patología. *Actas Dermo-Sifiliográficas*, 106(2):86–95.
- Atakan, N., Yalçın, B., Özkaya, E., Küçük, Ö. S., Öztürkcan, S., Salman, A., Borlu, M., Şentürk, N., Akman-Karakaş, A., & Serdaroğlu, S. (2022). Atopic dermatitis diagnosis and treatment consensus report. *TURKDERM*, 56(2):86–121.
- Brahmana, A. P., Damayanti, D., Qurnianingsih, E., & Widia, Y. (2024). Profile of atopic dermatitis at dermatovenereology outpatient clinic at Tertiary Hospital in Surabaya, Indonesia. *Berkala Ilmu Kesehatan Kulit Dan Kelamin*, 36(1):31–40.

- Bratu, D., Boda, D., & Caruntu, C. (2023). Genomic, epigenomic, transcriptomic, Proteomic and metabolomic approaches in atopic dermatitis. *Current Issues in Molecular Biology*, 45(6):5215–5231.
- Bylund, S., Kobyletzki, L., Svalstedt, M., & Svensson. (2020). Prevalence and incidence of atopic dermatitis: A systematic review. *Acta Dermato Venereologica*, 100(12).
- Bonamonte, D., Filoni, A., Vestita, M., Romita, P., Foti, C., & Angelini, G. (2019). The Role of the Environmental Risk Factors in the Pathogenesis and Clinical Outcome of Atopic Dermatitis. *BioMed research international*,
- Carrascosa-Carrillo, J. M., Aterido, A., Li, T., Guillén, Y., Martinez, S., Marsal, S., & Julià, A. (2024). Toward precision medicine in atopic dermatitis using molecular-based approaches. *Actas Dermo-Sifiliográficas*, 115(1):66–75.
- Chen, E., Facio, F. M., Aradhya, K. W., Rojahn, S., Hatchell, K. E., Aguilar, S., Ouyang, K., Saitta, S., Hanson-Kwan, A. K., Capurro, N. N., Takamine, E., Jamuar, S. S., McKnight, D., Johnson, B., & Aradhya, S. (2023). Rates and classification of variants of uncertain significance in hereditary disease genetic testing. *JAMA Network Open*, 6(10). <https://doi.org/10.1001/jamanetworkopen.2023.39571>
- Chello, C., Carnicelli, G., Sernicola, A., Gagliostro, N., Paolino, G., Di Fraia, M., Faina, V., Muharremi, R., & Grieco, T. (2020). Atopic dermatitis in the elderly Caucasian population: Diagnostic Clinical Criteria and review of the literature. *International Journal of Dermatology*, 59(6), 716–721. <https://doi.org/10.1111/ijd.14891>
- Chiricozzi, A., Maurelli, M., Calabrese, L., Peris, K., & Girolomoni, G. (2023). Overview of atopic dermatitis in different ethnic groups. *Journal of Clinical Medicine*, 12(7):2701.

- Chong, A.,C. Visitsunthorn, K., Ong, P.,Y. (2022). Genetic/Environmental Contributions and Immune Dysregulation in Children with Atopic Dermatitis. *J Asthma Allergy*, 15:1681-1700.
- Cork MJ, Danby SG, Ogg GS. (2020). Atopic dermatitis epidemiology and unmet need in the United Kingdom. *J Dermatolog Treat*, 31(8):801-809.
- Criado, P. R., Miot, H. A., Bueno-Filho, R., Ianhez, M., Criado, R. F., & de Castro, C. C. (2024). Update on the pathogenesis of atopic dermatitis. *Anais Brasileiros de Dermatologia*, 99(6):895–915.
- Dedianto, H. (2023). Studi retrospektif Pasien dermatitis atopik Selama 5 tahun di poliklinik Rawat Jalan Kulit Dan kelamin Rumah Sakit Umum Daerah Provinsi Nusa tenggara Barat. *Unram Medical Journal*, 12(4).
- Dwiputri, A. V., Nanda, K. S., Niari, T. S., & Rahmawati, Y. W. (2022). Recurrent Dermatitis Atopic in Young Adult: Case Report and Literature Review. *Berkala Ilmiah Kedokteran Dan Kesehatan*, 1:69–79.
- East, K., Chung, W., Foreman, K., Gilmore, M., Gornick, M., Hindorff, L., Kauffman, T., Messersmith, D., Prows, C., Stoffel, E., Yu, J.-H., & Plon, S. (2020). *Guide to Interpreting Genomic Reports: A Genomics Toolkit A guide to genomic test results for non-genetics providers Created by the Practitioner Education Working Group of the Clinical Sequencing Exploratory Research (CSER) Consortium*.
- Elshemy, A., & Abobakr, M. (2016). Allergic rhinitis: Impact, diagnosis, treatment and management. *Pharmaceutical Journal*, 2: 123–144.
- Epps, R. E. (2010). Atopic dermatitis and ichthyosis. *Pediatrics In Review*, 31(7), 278–286. <https://doi.org/10.1542/pir.31.7.278>
- Girolomoni, G., de Bruin-Weller, M., Aoki, V., Kabashima, K., Deleuran, M., Puig, L., Bansal, A., & Rossi, A. B. (2021). Nomenclature and clinical

phenotypes of atopic dermatitis. *Therapeutic Advances in Chronic Disease*, 12.

Gupta, J., & Margolis, D. J. (2020). Filaggrin gene mutations with special reference to atopic dermatitis. *Current Treatment Options in Allergy*, 7(3):403–413.

Hadi, H. A., Tarmizi, A. I., Khalid, K. A., Gajdács, M., Aslam, A., & Jamshed, S. (2021). The epidemiology and global burden of atopic dermatitis: A narrative review. *Life*, 11(9):936.

Huffaker, M. F., Kanchan, K., Bahnson, H. T., Ruczinski, I., Shankar, G., Leung, D. Y. M., Baloh, C., Du Toit, G., Lack, G., Nepom, G. T., & Mathias, R. A. (2023). Epidermal differentiation complex genetic variation in atopic dermatitis and peanut allergy. *Journal of Allergy and Clinical Immunology*, 151(4).

Johansson, E. K., Bergström, A., Kull, I., Melén, E., Jonsson, M., Lundin, S., Wahlgren, C. -F., & Ballardini, N. (2022). Prevalence and characteristics of atopic dermatitis among young adult females and males—report from the Swedish population-based study Bamse. *Journal of the European Academy of Dermatology and Venereology*, 36(5):698–704.

Kaufman, B. P., Guttman-Yassky, E., & Alexis, A. F. (2018). Atopic dermatitis in diverse racial and ethnic groups—variations in epidemiology, genetics, clinical presentation and treatment. *Experimental Dermatology*, 27(4), 340–357.

Kapur S., Watson W., Carr S. (2018). Atopic dermatitis. *Allergy Asthma. Clin. Immunol.* 14(2):52.

Kim, M., Yoo, J., Kim, J., Park, J., Han, E., Jang, W., Chae, H., Lee, J. H., Park, Y. M., & Kim, Y. (2017). Association of FLG single nucleotide variations with clinical phenotypes of atopic dermatitis. *PLOS ONE*, 12(12).

- Koseki, R., Morii, W., Noguchi, E., Ishikawa, M., Yang, L., Yamamoto-Hanada, K., Narita, M., Saito, H., & Ohya, Y. (2019). Effect of filaggrin loss-of-function mutations on atopic dermatitis in young age: A longitudinal birth cohort study. *Journal of Human Genetics*, 64(9):911–917.
- Levin J, Friedlander SF, Del Rosso JQ. (2013). Atopic dermatitis and the stratum corneum: part 1: the role of filaggrin in the stratum corneum barrier and atopic skin. *J Clin Aesthet Dermatol*, 6(10):16-22.
- Ma, C. A., Stinson, J. R., Zhang, Y., Abbott, J. K., Weinreich, M. A., Hauk, P. J., Reynolds, P. R., Lyons, J. J., Nelson, C. G., Ruffo, E., Dorjbal, B., Glauzy, S., Yamakawa, N., Arjunaraja, S., Voss, K., Stoddard, J., Niemela, J., Zhang, Y., Rosenzweig, S. D., ... Milner, J. D. (2017). Germline hypomorphic CARD11 mutations in severe atopic disease. *Nature Genetics*, 49(8), 1192–1201.
- Mareso, C., Albion, E., Cozza, W., Tanzi, B., Cecchin, S., Gisondi, P., Michelini, S., Bellinato, F., Michelini, S., Michelini, S., Bertelli, M., & Marceddu, G. (2023). Optimization of long-range PCR protocol to prepare filaggrin *exon 3* libraries for pacbio long-read sequencing. *Molecular Biology Reports*, 50(4):3119–3127.
- Meng, L., Wang, L., Tang, H., Tang, X., Jiang, X., Zhao, J., Gao, J., Li, B., Fu, X., Chen, Y., Yao, W., Zhan, W., Wu, B., Duan, D., Shen, C., Cheng, H., Zuo, X., Yang, S., Sun, L., & Zhang, X. (2014). Filaggrin gene mutation c.3321delA is associated with various clinical features of atopic dermatitis in the Chinese Han population. *PLoS ONE*, 9(5).
- Nedoszytko B., Reszka E., Gutowska-Owsiak D., Trzeciak M., Lange M., Jarczak J., Niedozytko M., Jablonska E., Romantowski J., Strapagiel D., et al. (2020). Genetic and Epigenetic Aspects of Atopic Dermatitis. *Int. J. Mol. Sci*, 21(6484) :1-18.

- Nguyen C, Thompson J, Nguyen DA, Wong CM, Scheufele CJ, Carletti M, Weis SE. (2024). Presentations of Cutaneous Disease in Various Skin Pigmentations: Chronic Atopic Dermatitis. *HCA Healthcare J Med*, 30;5(2):103-111.
- Nomura, T., Sandilands, A., Akiyama, M., Liao, H., Evans, A. T., Sakai, K., Ota, M., Sugiura, H., Yamamoto, K., Sato, H., Palmer, C. N. A., Smith, F. J. D., McLean, W. H. I., & Shimizu, H. (2007). Unique mutations in the FILAGGRIN gene in Japanese patients with ichthyosis vulgaris and atopic dermatitis. *Journal of Allergy and Clinical Immunology*, 119(2): 434–440.
- Novak N, Bieber T, Leung DY. (2013) Immune mechanisms leading to atopic dermatitis. *J Allergy Clin Immunol*, 6 :128-39.
- Nugraha, M. B., Kumara Wati, K. D., & Kardana, I. M. (2020). Dermatitis atopi Pada Bayi USIA 0-12 Bulan Kelahiran RSUP Sanglah Denpasar Dengan Riwayat atopi Keluarga Antara Bulan Desember 2015-Januari 2016. *Intisari Sains Medis*, 11(3):1045–1048.
- Nutten, S. (2015). Atopic dermatitis: Global Epidemiology and risk factors. *Annals of Nutrition and Metabolism*, 66(1):8–16.
- Ogrodowczyk, A., Markiewicz, L., & Wróblewska, B. (2014). Mutations in the Filaggrin gene and food allergy. *Gastroenterology Review*, 4:200–207.
- Osawa, R., Akiyama, M., & Shimizu, H. (2011). Filaggrin gene defects and the risk of developing allergic disorders. *Allergology International*, 60(1):1–9.
- Pandya, R., Baghchechi, M., Langan, S., Margolis, D. J., Paternoster, L., Sibbald, C., Wan, J., Zaman, S., & Abuabara, K. (2023). Summary of single nucleotide polymorphisms in filaggrin associated with atopic dermatitis. *JEADV Clinical Practice*, 3(2), 629–640. <https://doi.org/10.1002/jvc2.330>

- Park, H., & Kim, K. (2016). Association of perceived stress with atopic dermatitis in adults: A population-based study in Korea. *International Journal of Environmental Research and Public Health*, 13(8):760.
- Park, K. Y., Li, K., Seok, J., & Seo, S. J. (2016). An analysis of the FILAGGRIN gene polymorphism in Korean atopic dermatitis patients. *Journal of Korean Medical Science*, 31(7):1136.
- Park, M. K., Park, K. Y., Li, K., Seo, S. J., & Hong, C. K. (2013). The short stature in atopic dermatitis patients: Are atopic children really small for their age? *Annals of Dermatology*, 25(1): 23.
- Polivka, L., Hadj-Rabia, S., Bal, E., Leclerc-Mercier, S., Madrange, M., Hamel, Y., Bonnet, D., Mallet, S., Lepidi, H., Ovaert, C., Barbet, P., Dupont, C., Neven, B., Munnich, A., Godsel, L. M., Campeotto, F., Weil, R., Laplantine, E., Marchetto, S., Smahi, A. (2018). Epithelial barrier dysfunction in desmoglein-1 deficiency. *Journal of Allergy and Clinical Immunology*, 142(2).
- Rahrovan, S., Fanian, F., Mehryan, P., Humbert, P., & Firooz, A. (2018). Male versus female skin: What dermatologists and Cosmeticians should know. *International Journal of Women's Dermatology*, 4(3):122–130.
- Richards, S., Aziz, N., Bale, S., Bick, D., Das, S., Gastier-Foster, J., Grody, W. W., Hegde, M., Lyon, E., Spector, E., Voelkerding, K., & Rehm, H. L. (2015). Standards and guidelines for the interpretation of sequence variants: a joint consensus recommendation of the American College of Medical Genetics and Genomics and the Association for Molecular Pathology. *Genetics in Medicine : Official Journal of the American College of Medical Genetics*, 17(5), 405–424.
- Roesner, L. M., & Werfel, T. (2019). Autoimmunity (or not) in atopic dermatitis. *Frontiers in Immunology*, 10.

- Salvador J.F., Romero-Perez D., Encabo-Duran B. (2017). Atopic dermatitis in adults: A diagnostic challenge. *J. Investigation Allergol Clinical Immunol*, 27:78–88.
- Schmidt, S. A. J., Olsen, M., Schmidt, M., Vestergaard, C., Langan, S. M., Deleuran, M. S., & Riis, J. L. 2020. Atopic dermatitis and risk of atrial fibrillation or flutter: A 35-year follow-up study. *Journal of the American Academy of Dermatology*, 83(6): 1616–1624.
- Sophian, A. (2021). Short communication: Analysis of purity and concentration of extracted DNA on salted fish processed food products. *Asian Journal of Natural Product Biochemistry*, 19(1).
- Suwarsa, O., Dharmadji, H. P., Sutedja, E., Effendi, R. M., Hazari, M. N., Faldian, Y., & Avriyanti, E. (2022). Upaya deteksi dini dermatitis atopik Dan Penyuluhan personal hygiene Pada Murid Sekolah Dasar di Jatinangor. *Dharmakarya*, 11(3):294.
- Syafira, T., M. (2024). Deteksi Varian Polimorfisme Gen Filaggrin (FLG) yang Berasosiasi dengan Dermatitis Atopik. *Universitas Gadjah Mada*.
- Sullivan, K. E. (2021). The scary world of variants of uncertain significance (VUS): A hitchhiker's guide to interpretation. *Journal of Allergy and Clinical Immunology*, 147(2), 492–494.
- Tanjung, C., Rzehak, P., Mansyur, M., Munasir, Z., Sudoyo, H., Immanuel, S., Irawan, R., Reischl, E., Demmelmair, H., Koletzko, B., Hadinegoro, S. R., & Sjarif, D. R. 2017. Study protocol to investigate the environmental and genetic aetiology of atopic dermatitis: The Indonesian prospective study of atopic dermatitis in infants (ISADI). *BMJ Open*, 7(3).
- Verbenko, D., Karamova, A., Chickin, V., Kozlova, I., Aulova, K., Kubanov, A., & Gorodnichev, P. (2024). Filaggrin loss-of-function mutations 2282DEL4, R501X, R2447X and s3247x in atopic dermatitis. *Bulletin of Russian State Medical University*, 1.

- Walsh, N., Cooper, A., Dockery, A., & O'Byrne, J. J. (2024). Variant reclassification and clinical implications. *Journal of Medical Genetics*, 61(3), 207–211.
- Weare-Regales, N., Chiarella, S. E., Cardet, J. C., Prakash, Y. S., & Lockey, R. F. (2022). Hormonal effects on asthma, rhinitis, and eczema. *The Journal of Allergy and Clinical Immunology: In Practice*, 10(8):2066–2073.
- Wollenberg, A., Christen-Zäch, S., Taieb, A., Paul, C., Thyssen, J. P., de Bruin-Weller, M., Vestergaard, C., Seneschal, J., Werfel, T., Cork, M. J., Kunz, B., Fölster-Holst, R., Trzeciak, M., Darsow, U., Szalai, Z., Deleuran, M., von Kobyletzki, L., Barbarot, S., Heratizadeh, A., ... Ring, J. (2020). ETFAD/EADV Eczema Task Force 2020 position paper on diagnosis and treatment of atopic dermatitis in adults and children. *Journal of the European Academy of Dermatology and Venereology*, 34(12):2717–2744.
- Zhong, W., Wang, L., Wu, X., Zhang, J., Chen, X., Zhang, W., Dou, X., & Yu, B. (2016). Development of unlabeled probe based high-resolution melting analysis for detection of Filaggrin Gene mutation c.3321delA. *Journal of Clinical Laboratory Analysis*, 30(6).