

DAFTAR PUSTAKA

1. Cabañes FJ. Dermatophytes: The names they are a-changin'. *Rev Iberoam Micol. Asociacion Espanola de Micologia*; 2020. p. 1–2. doi:10.1016/j.riam.2019.10.002 PubMed PMID: 31882229.
2. Azzahra S, Ervianti E, Setiabudi R. Clinical patterns and demographic characteristics of dermatophytosis in Surabaya. *Indones J Trop Infect Dis*. 2024 Dec 30;12(3):252–67. doi:10.20473/ijtid.v12i3.66511
3. Zebua WI, Nurtjahja K, Sartini S. Infeksi jamur dermatofita pada penderita mikosis kuku. *JIBIOMA*. 2021 Jun 21;3(1):8–17. doi:10.31289/jibioma.v3i1.539
4. Dellièrè S, Jabet A, Abdolrasouli A. Current and emerging issues in dermatophyte infections. *PLoS Pathog*. 2024 Jun 1;20(6). doi:10.1371/journal.ppat.1012258 PubMed PMID: 38870096.
5. Sofyan A, Buchair NH. Penyakit kulit dan kelamin akibat infeksi jamur di poliklinik RSUD Undata Palu Tahun 2013-2021. *Preventif: Jurnal Kesehatan Masyarakat*. 2022;13(2):384–92.
6. Pasande S. Characteristics of dermatophytosis in Nabire Central Papua, Indonesia. *Int J Res Med Sci*. 2022 Sep;10(9):1823–5. doi:10.18203/2320-6012.ijrms20222253
7. Jati NOI, Harlita TD, Azahra S. Gambaran dermatofita penyebab tinea pedis pada pekerja bangunan di Kecamatan Palaran Kota Samarinda. *J Kesehat Tambusai*. 2025 Mar;6(1):221–9.
8. Miladiarsi M, Rahman IW, Santi S, Nurfadila N. Uji diagnostik jamur dermatofita pada luka kaki penderita diabetes melitus dengan metode PCR (polymerase chain reaction). *J Biotek*. 2023 Jun;11(1):112–22. doi:10.24252/jb.v11i1.31707
9. Hayati I, Marselina R. Prevalensi onikomikosis pada petani sawah di kecamatan Seginim Kabupaten Bengkulu Selatan. *ANJANI J Health Sci Study*. 2021;1(2):49–53. doi:10.37638/anjani.1.2.49-53
10. Rachmawati F, Nursidika P, Fitrianiingsih P. Identifikasi jamur *Trichophyton* sp. penyebab tinea unguium pada petani Desa Mekarluyu Kabupaten Garut. *J Penelit Saintek*. 2022 Dec 12;27(2):112–8. doi:10.21831/jps.v2i27.52528
11. Martinez-Rossi NM, Peres NTA, Bitencourt TA, Martins MP, Rossi A. State-of-the-art dermatophyte infections: Epidemiology aspects, pathophysiology, and resistance mechanisms. *J Fungi*. MDPI AG; 2021. doi:10.3390/jof7080629
12. Sardana K, Gupta A, Mathachan SR. Immunopathogenesis of dermatophytoses and factors leading to recalcitrant infections. *Indian*

- Dermatol Online J. Wolters Kluwer Medknow Publications; 2021. p. 389–99. doi:10.4103/idoj.IDOJ_503_20
13. Deng R, Wang X, Li R. Dermatophyte infection: from fungal pathogenicity to host immune responses. *Front Immunol. Frontiers Media SA*; 2023. p. 1–15. doi:10.3389/fimmu.2023.1285887 PubMed PMID: 38022599.
 14. Nurhidayah A, Dhanti KR, Supriyadi S. Identifikasi jamur patogen penyebab dermatofitosis pada jari kaki petani di Desa Bojongsari, Banyumas. *JLabMed*. 2021 Mar;5(1):8–17.
 15. Moskaluk AE, VandeWoude S. Current topics in dermatophyte classification and clinical diagnosis. *Pathogens. MDPI*; 2022. p. 1–23. doi:10.3390/pathogens11090957 PubMed PMID: 36145389.
 16. Jangid R, Begum T. Effect of ecological factors (pH and temperature) on growth and sporulation of keratinophilic fungi. *Int J Res Anal Rev*. 2022 Sep;9(3):141–8.
 17. Iqbal J, Ali S, Kouser F. Growth and sporulation of dermatophyte fungi at different temperature. *Int J Appl Res*. 2016 Nov 26;2(12):52–4.
 18. Dvořák J, Hubálek Z. The growth of dermatophytes at 4°C and 37°C; The relation of this character to others. *Mycopathol Mycol Appl*. 1968 Sep;38(3):305–12.
 19. Moriello KA, Verbrugge MJ, Kesting RA. Effects of temperature variations and light exposure on the time to growth of dermatophytes using six different fungal culture media inoculated with laboratory strains and samples obtained from infected cats. *J Feline Med Surg*. 2010 Dec;12(12):988–90. doi:10.1016/j.jfms.2010.07.019 PubMed PMID: 21051255.
 20. Aruna G, Ramalingappa R. Optimization of environmental parameters for *Trichophyton rubrum* growth and its antigen production. *Int J Health Sci Res*. 2018 Jan;8(1):54–9.
 21. Kadhim SK, Al-Janabi JK, Al-Hamadani AH. In vitro, determination of optimal conditions of growth and proteolytic activity of clinical isolates of *Trichophyton rubrum*. *J Contemp Med Sci*. 2015;1(3):9–19.
 22. Sharma A, Sharma M, Chandra S. Influence of temperature and relative humidity on growth and sporulation of some common dermatophytes. *Indian J Fundam Appl Life Sci*. 2012;2(4):1–6.
 23. Sharma A, Chandra S, Sharma M. Difference in keratinase activity of dermatophytes at different environmental conditions is an attribute of adaptation to parasitism. *Mycoses*. 2011 Sep;55(5):410–5. doi:10.1111/j.1439-0507.2011.02133.x PubMed PMID: 22032519.
 24. Nilsson K, Friberg M, Rollman O, Tano E. Impact of prolonged storage of clinical samples at 4 °C on the recovery of dermatophytes by culture or PCR

- analysis. *J Mycol Med.* 2019 Apr 1;29(1):1–6. doi:10.1016/j.mycmed.2019.01.009 PubMed PMID: 30765159.
25. Akhoundi M, Nasrallah J, Marteau A, Chebbah D, Izri A, Brun S. Effect household laundering, heat drying, and freezing on the survival of dermatophyte conidia. *J Fungi.* 2022 May 1;8(5):1–8. doi:10.3390/jof8050546
 26. Ciesielska A, Kawa A, Kanarek K, Soboń A, Szewczyk R. Metabolomic analysis of *Trichophyton rubrum* and *Microsporum canis* during keratin degradation. *Sci Rep.* 2021 Dec 1;11(1). doi:10.1038/s41598-021-83632-z PubMed PMID: 33597693.
 27. Sachan T, Gupta P, Suvirya S, Verma P, Kalyan RK, Banerjee G. Evaluation of the efficacy of novel topical antifungal agents against dermatophytes in North India: A prospective study. *Curr Med Mycol.* 2024 Oct;10. doi:10.22034/CMM.2024.345268.1562
 28. Faway E, Staerck C, Danzelle C, Vroomen S, Courtain C, Mignon B, et al. Towards a standardized procedure for the production of infective spores to study the pathogenesis of dermatophytosis. *J Fungi.* 2021 Nov 30;7(12):1–19. doi:10.3390/jof7121029
 29. Dubljanin E, Zunic J, Vujcic I, Calovski IC, Grujicic SS, Mijatovic S, et al. Host-pathogen interaction and resistance mechanisms in dermatophytes. *Pathogens.* Multidisciplinary Digital Publishing Institute (MDPI); 2024. p. 1–15. doi:10.3390/pathogens13080657
 30. Guimarães LC, Fernandes AP, Chalfoun SM, Batista LR. Methods to preserve potentially toxigenic fungi. *Braz J Microbiol.* 2014;45(1):43–7.
 31. Kaufman G, Horwitz BA, Duek L, Ullman Y, Berdicevsky I. Infection stages of the dermatophyte pathogen *Trichophyton*: Microscopic characterization and proteolytic enzymes. *Med Mycol.* 2007 Mar;45(2):149–55. doi:10.1080/13693780601113618 PubMed PMID: 17365651.