

DAFTAR PUSTAKA

- Abbas, A. K., Lichtman, A. H., Pillai, S. 2016. *Basic immunology : functions and disorders of the immune system 5th ed.* Elsevier, Philadelphia
- Alnuaimi, A. D., O'Brien-Simpson, N. M., Reynolds, E. C., McCullough, M. J. 2013. Clinical isolates and laboratory reference *Candida* species and strains have varying abilities to form biofilms. *FEMS yeast research*. 13(7): 689-99.
- Anderson, M. R, Klink, K., Cohrssen, A. 2004. Evaluation of vaginal complaints. *JAMA*. 291(11): 1368-79.
- Andharini, D. N. S. 2011. Pengaruh Penambahan Tepung Jamur Tiram Putih (*Pleurotus ostreatus*) dan Kombinasi *Streptococcus thermophilus* dan *Lactobacillus acidophilus* Terhadap Kualitas Yoghurt. *Skripsi*. Universitas Atmajaya (Tidak dipublikasikan)
- Anggraini, V., dan Masfufatun, M. 2017. Efektivitas Kombinasi Ekstrak Daun Sirih Merah (*Piper crocatum*) dan Ekstrak Biji Alpukat (*Persea americana*) Dalam Menghambat Pertumbuhan *Candida albicans*. *Jurnal Kimia Riset*. (2): 86-92
- Anindita, A. H., dan Swaidatul, M. A. F. 2017. Formulasi Masker Alami Berbahan Dasar Rumput Laut Dan Cokelat Mengurangi Keriput Dan Bintik Noda Pada Kulit Wajah. *Jurnal Care*. 5(2): 205-19
- Ardi, F., Pato, U., Rossi, E. 2017. Quality Evaluation Of Jackfruit Seed Fermented Milk With Skim Milk Variation Using *Lactobacillus Casei* Subsp. *Casei* R-68. *Jom Faperta*. 4(2): 1-11.
- Barnett, J.A, Payne, R.W., Yarrow, D. 2001. *Yeast : Characteristics & Identification, 3rd Ed.* Cambridge University Press
- Benson, 2002. *Microbiological Applications Lab Manual, Eight Edition*. The McGraw: Hill Companies
- Bodot , V., Soustre, Y., Reverend, B. 2013. *Yogurt Special*. French National
- Bolotin, A., Quinquis, B., Renault, P., Sorokin, A., Ehrlich, S. D., Kulakauskas, S., *et al.* 2004. Complete sequence and comparative genome analysis of the dairy bacterium *Streptococcus thermophilus*. *Nature Biotechnology*. 22: 1554-8
- Boris, S., dan Barbés, C. 2000. Role played by lactobacilli in controlling the population of vaginal pathogens. *Microbes and Infection*. 2(5): 543-6.

- Brammer, K. W., Farrow, P. R., Faulkner, J. K. 1990. Pharmacokinetics and Tissue Penetration of Fluconazole in Humans. *Clinical Infectious Diseases*. 12(3): 318–26
- Broadbent, J. R., dan Steele, J. L. 2007. Proteolytic enzymes of lactic acid bacteria and their influence on bitterness in bacterial-ripened cheeses. *Flavor of dairy product*. 11: 193-203
- Bulgasem, B. Y., Lani, M. Z., Zaiton, H., Yusoff, W. M. W., Fnaish, S. G. 2016. Antifungal Activity of Lactic Acid Bacteria Strains Isolated from Natural Honey against Pathogenic *Candida* Species. *Mycobiology*. 44(4): 302–9
- Caswell, T., Sarah, G., Mary, K. L., Paige, W. 2016. Lactobacillus. University of Oklahoma Study Abroad Microbiology in Arezzo, Italy(Online).<https://microbewiki.kenyon.edu/index.php/Lactobacillu>. Di akses pada tanggal 20 Juni 2019
- CDC. 2015. *Sexually Transmitted Disease Treatment Guidelines:Vaginal Candidiasis*(online).<https://www.cdc.gov/fungal/diseases/candidiasis/genital/index.html>. Diakses 10 Oktober 2019.
- Cheng, S. C., Joosten, L. A., Kullberg, B. J., Netea, M. G. 2012. Interplay between *Candida albicans* and the mammalian innate host defense. *Infection and immunity*. 80(4): 1304-13
- Chotimah, S. C. 2009. Peranan *Streptococcus thermophilus* dan *Lactobacillus bulgaricus* dalam Proses Pembuatan Yoghurt. *Jurnal Ilmu Peternakan*. 4(2): 47-52.
- Dahlan, A., Sri, W., dan Ansharullah. 2017. Morfologi dan Karakterisasi Pertumbuhan Bakteri Asam Laktat (Um 1.3a) dari Proses Fermentasi Wikau Maombo Untuk Studi Awal Produksi Enzim Amilase. *Jurnal Sains dan Teknologi Pangan*. 2(4): 657-63.
- Deorukhkar, S. C., dan Saini, S. Candidiasis. 2013. Past, present and future. *Int J Infect Trop Dis*. 2:12-24
- Deorukhkar, S. C., Saini, S., Mathew, S. 2014. Virulence Factors Contributing to Pathogenicity of *Candida tropicalis* and Its Antifungal Susceptibility Profile. *Int J Microbiol*. 2014: 1-6
- Eke, M. O, Olaitan, N. I, Sule, H. I. 2013. Nutritional evaluation of yoghurt-like product from baobab (*Adansonia digitata*) fruit pulp emulsion and the

- micronutrient content of baobab leaves. *Advance Journal of Food Science and Technology*. 5(10): 1266-70.
- Elisabeth, A. 2001. *Prototap Pembuatan Media*. Balai Besar Laboratorium Kesehatan Makassar.
- Ellie, J. C. G., Kerin, L. T., Diane, M. C. 2015. *Lactobacillus* Species: Taxonomic Complexity and Controversial Susceptibilities. *Clinical Infectious Diseases*. 60(2): 98–107.
- Ervianti, E., Sawitri, M. D., Agusni, R. I. 2011. Pola pergeseran *Candida* sp penyebab kandidiasis vulvovaginalis dan kandidiasis vulvovaginalis rekuren. *Berkala Ilmu Kesehatan Kulit dan Kelamin*. 23(3): 189-93
- Fanning, S. dan Michelle, A. P. 2012. Fungal biofilms. *PLoS Pathog*. 8(4): 1-4
- Farrar, J., Hotez, F. J., Junghanss, T., Kang, G., Lalloo, D., White, N. 2014. *Manson's Tropical Diseases*. Elsevier, Philadelphia
- Faruck, M. O., Yusof, F., Chowdhury, S. 2016. An overview of antifungal peptides derived from insect. *Peptides*. 80: 80-8
- Gerez, C. L., Torino, M.I., Rollán, G., de Valdez, G.F. 2009. Prevention of bread mould spoilage by using lactic acid bacteria with antifungal properties. *Food control*. 20: 144-8
- Goncalves, B., Ferreira, C., Alves, C.T., Henrique, M., Azeredo J, Silva, S. 2016. Vulvovaginal candidiasis: Epidemiology, microbiology and risk factors. *Critical reviews in microbiology*. 42: 905-27.
- Harnindya, D., dan Agusni, I. 2016. Studi retrospektif: diagnosis dan penatalaksanaan kandidiasis vulvovaginalis. *Berkala Ilmu Kesehatan Kulit dan Kelamin*. 28(1): 42-8
- Hasan, A. E., Artika, I. M., Abidin, S. 2014. Produksi Asam Laktat dan Pola Pertumbuhan Bakteri Asam Laktat dengan Pemberian Dosis Rendah Propolis *Trigona* spp asal Pandeglang Indonesia. *Current Biochemisty*. 1(3): 126-35.
- Herawati, D. A., dan Wibawa, D. A. A. 2011. Pengaruh Konsentrasi Susu Skim Dan Waktu Fermentasi Terhadap Hasil Pembuatan Soyghurt. *Jurnal ilmiah teknik lingkungan*. 1(2): 48-58.
- Indrato, A. F., Sulistyarsi, A., dan Ardhi, M. W. 2017. Isolasi Bakteri Probiotik Dari Usus Ikan Lele Untuk Fermentasi Yoghurt Sebagai Bahan Modul Berbasis

Riset Dan Keterampilan Proses Sains. Makalah disampaikan dalam Prosiding Seminar Nasional SIMBIOSIS II, Madiun.

- Khairnar, R., dan Khairnar, A. 2017. Vaginal candidiasis among pregnant women a prevalence study. *Sch J App Med Sci*. 5(2a): 336-8
- Khikmah, N., dan Sulistyani, N. 2018. Potensi Beberapa Susu Fermentasi Komersial Sebagai Antifungi *Candida albicans*. *Biota: Jurnal Ilmiah Ilmu-Ilmu Hayati*. 2(1):14-20.
- Khikmah, N., dan Sulistyani, N. 2020. Uji Antifungi Susu Fermentasi Komersial pada *Candida non-albicans*. *Sciscitatio*. 1(1): 14-22.
- Kothavade, R. J., Kura, M. M., Valand, A. G., Panthaki, M. H. 2010. *Candida tropicalis*: its prevalence, pathogenicity and increasing resistance to fluconazole. *Journal of Medical Microbiology*. 59(8):873–80
- Kurtzman, C., Fell, J.W., Boekhout, T. 2011. *The Yeasts: A Taxonomic Study*. Elsevier, Philadelphia.
- Lackey, E., Vipulanandan, G., Childers, D. S., Kadosh, D. 2013. Comparative evolution of morphological regulatory functions in *Candida* species. *Eukaryotic cell*. 12(10): 1356-68.
- Malaka, R. 2010. *Pengantar Teknologi Susu Cetak*. Masagena Press, Makassar
- Maranhão, F. C., Oliveira-Júnior, J. B., Araújo, M. A., Silva, D. M. 2019. Mycoses in northeastern Brazil: epidemiology and prevalence of fungal species in 8 years of retrospective analysis in Alagoas. *Brazilian Journal of Microbiology*. 50(4): 969- 78
- Marcos-Zambrano, L. J., Escribano, P., Bouza, E., Guinea, J. 2014. Production of biofilm by *Candida* and non-*Candida* spp. isolates causing fungemia: comparison of biomass production and metabolic activity and development of cut-off points. *International Journal of Medical Microbiology*. 304(8): 1192-98.
- Marzio, L., Centi, C., Cinque, B., Masci, S., Giuliani, M., Arcieri, A., Zicari, L., De Simone, C., Cifone, M. 2003. Effect of the lactic bacterium *Streptococcus thermophilus* on stratum corneum levels and signs and symptoms of atopic dermatitis patients. *Experimental Dermatology*. 12(5): 615-20.
- Mayer, F. L., Wilson, D., Hube, B. 2013. *Candida albicans* pathogenicity mechanisms. *Virulence*. 4(2): 119-28.

- McGee, H. 2004. Fresh fermented milks and creams. In: P Dorfman, J Greene, A McGee, eds. *Food and Cooking: The Science and Lore of the Kitchen*. Scribner, New York.
- Mgbechidinma, C. L., Adegoke, C. O., Ogunbanwo, S. T. 2020. Lactic Acid Bacteria As Bioactive Potential Against Selected Resistance *Candida* Species And Pathogenic Bacteria. *International Journal of Pharmaceutical and Biological Science Archive*. 8(2): 19-32
- Murniana, F. O., Syahrul, B., Lidya S. D., Nurdin, S. 2011, Antifungal Activity from seed of *Cerbera odollam* against *Candida albicans*. *Jurnal Natural*. 4: 1141 – 8513
- Mumpuni, E., Purwanggana, A., Mulatsari, E., Pratama, R. 2019. Formulasi dan Evaluasi Larutan Pencuci Mulut dengan Bahan Antimikroba Senyawa 1, 5-Bis (3'-Etoksi-4'-Hidroksifenil)-1, 4-Pentadien-3-on. *Jurnal Ilmu Kefarmasian Indonesia*. 17(1): 87-94.
- Mutiawati, V. M. 2016. Pemeriksaan mikrobiologi pada *Candida albicans*. *Jurnal Kedokteran Syiah Kuala*. 16(1): 53-63
- Mouri, I., Sellami, H., Abbes, S., Hadrich, I., Mahfoudh, N., Makni, H. 2012. Microsatellite Analysis of *Candida* Isolates From Recurrent Vulvovaginal Candidiasis. *J Med Microb*. 61: 1091–6.
- Negri, M., Martins, M., Henriques, M., Svidzinski, T. I., Azeredo, J., Oliveira, R. 2010. Examination of Potential Virulence Factors of *Candida tropicalis* Clinical Isolates From Hospitalized Patients. *Mycopathologia*. 169: 175–82
- Ningsih, A. S. 2017. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Sirsak (*Annona muricata* L.) Terhadap Bakteri *Shigella dysenteriae*. *Skripsi*. Fakultas Kedokteran dan Ilmu Kesehatan. Universitas Muhammadiyah Yogyakarta (Tidak dipublikasikan)
- Nwokoro, O. 2018. Effects of pH On The Growth, Lipid And Fatty Acid Production of *Candida Utilis* And *Candida tropicalis* Grown In Cane Molasses. *Annals Food Science and Technology*. 19(1): 128-34
- Nofrianti, R., Azima, F., Eliyasmi, R. 2013. Pengaruh Penambahan Madu Terhadap Mutu Yoghurt Jagung. *Jurnal Aplikasi Teknologi Pangan*. 2 (2): 60-7
- Pappas, P. G., Kauffman, C. A., Andes, D. R., Clancy, C. J., Marr, K. A., Ostrosky-Zeichner, L., Zaoutis, T. E. 2016. Clinical practice guideline for the management of candidiasis: 2016 update by the Infectious Diseases Society of America. *Clinical Infectious Diseases*. 62(4): e1-50.

- Peláez, A. L., Cataño, C. S., Yepes, E. Q., Villarroel, R. G., De Antoni, G. L., Giannuzzi, L. 2012. Inhibitory activity of lactic and acetic acid on *Aspergillus flavus* growth for food preservation. *Food Control*. 24(1-2): 177-83
- Pertami, S. D., Pancasiyanuar, M., Irasari, S. A., Raharjo, M. B., Wasilah. 2013. *Lactobacillus acidophilus* Probiotic Inhibits the Growth of *Candida albicans*. *Journal of Dentistry Indonesia*. 20(3): 64-7.
- Peters, B. M., Yano, J., Noverr, M. C., Fidel, P. R. Jr. 2014. *Candida* vaginitis: when opportunism knocks, the host responds. *PLoS Pathog*. 10(4): 1-4
- Purwijantiningsih, E. 2011. Uji Anti Bakteri Yogurt Sinbiotik Terhadap Beberapa Bakteri Patogen Enterik. *Biota*. 16 (2): 173-7.
- Pusdatin. 2013. *Profil Kesehatan kabupaten banyumas tahun 2013* (online). https://pusdatin.kemkes.go.id/resources/download/profil/PROFIL_KAB_KOTA_2013/3302_Jateng_Kab_Banyumas_2013.pdf. Diakses 1 Oktober 2019
- Puspitorini, D., Astari, L., Widya, Y., Anggraeni, S., Ervianti, E., Prakoeswa, C. R. S., Suyoso, S. 2018. Faktor Risiko Kandidiasis Vulvovaginalis (KVV). *Berkala Ilmu Kesehatan Kulit dan Kelamin*. 30(3): 193-200
- Rachman, S. D., Djajasoepena, S., Kamara, D. S., Idar, I., Sutrisna, R., Safari, A., Suprijana., Ishmayana, S. 2015. Kualitas Yoghurt yang dibuat dengan Kultur Dua (*Lactobacillus bulgaricus* dan *Streptococcus thermophilus*) dan Tiga Bakteri (*Lactobacillus bulgaricus*, *Streptococcus thermophilus* dan *Lactobacillus acidophilus*). *Chimica et Natura Acta*. 3(2): 76-9
- Saeed, M., Yasmin, I., Khan, M. I., Pasha, I., Khan, M. R., Shabbir, A., Khan, W. A. 2014. Lactic Acid Bacteria in Sourdough Fermentation: A safe Approach for Food Preservation. *Pakistan Journal of Food Science*. 24 (4): 211-17
- Safitri, N., Sunarti, T. C., Meryandini, A. 2016. Formulation of Whey Tofubased Media for the Cultivation of Lactic Acid Bacteria *Pediococcus pentosaceus*. *Jurnal Sumberdaya Hayati*. 2(2): 31-8.
- Sekhvat, L., Tabatabaie, A., Tezerjani, F. Z. 2011. Oral Fluconazole 150 Mg Single Dose Versus Intra-Vaginal Clotrimazole Treatment of Acute Vulvovaginal Candidiasis. *J Infect Public Health*. 4: 195-9.
- Sharma, A., dan Srivastava, S. 2014. Anti-Candida activity of two-peptide bacteriocins, plantaricins (Pln E/F and J/K) and their mode of action. *Fungal biology*. 118(2): 264-75.

- Silva, S., Negri, M., Henriques, M., Oliveira, R., Williams, D. W., Azeredo, J. 2012. *Candida glabrata*, *Candida parapsilosis* and *Candida tropicalis*: biology, epidemiology, pathogenicity and antifungal resistance. *FEMS Microbiol.* 36: 288–305.
- Sumanti, T. 2014. Isolasi dan Identifikasi Morfologi Koloni Mikroba Pada Hasil Olahan Susu Kerbau Berupa Penjem Pada Berbagai Konsentrasi Gula dan Pengajarannya di SMA Negeri 4 Palembang. *Skripsi*, Fakultas Keguruan dan Ilmu Pendidikan. Universitas Muhammadiyah Palembang (Tidak dipublikasikan)
- Soeharsono. 2010. Probiotik. *Basis Ilmiah Aplikasi dan Aspek Praktis*. Widya Padjadjaran, Bandung.
- Soleha, T.U. 2015. Uji Kepekaan Terhadap Antibiotik. *Juke Unila*. 5(9): 119-123
- Tamime, A. Y., dan Robinson, R. K. 2007. *Yoghurt science and technology*. Elsevier, Philadhelpia
- Tasik, N. L., Kapantow, G. M., Kandou, R. T. 2016. Profil kandidiasis vulvovaginalis di Poliklinik Kulit dan Kelamin RSUP Prof. Dr. RD Kandou Manado periode Januari–Desember 2013. *e-Clinic*. 4(1): 207-14
- Taylor, S. 2018. *Advances in Food and Nutrition Research*. Vol. 85. Academic Press.
- Tsui, C., Kong, E. F., Jabra-Rizk, M. A. 2016. Pathogenesis of *Candida albicans* biofilm. *FEMS Pathogens and Disease*. 74(4): 1-13
- Usmiati, S dan Abubakar. 2009. *Teknologi Pengolahan Susu*. Balai Besar Penelitian dan Pengembangan Pascapanen Pertanian, Bogor.
- Wahyudi, M. 2006. Proses pembuatan dan analisis mutu yoghurt. *Buletin Teknik Pertanian*. 11 (1): 12-6.
- Wildman, S., Cleopatra B., Jerome D., Andrew L. 2016. At a Glance/Pharmacy Calculations. *Student Learning Advisory Service*. University of Kent.
- Winarno, F. G., dan Fernades. 2007. *Susu dan produk fermentasinya*. M-Brio Press, Bogor
- Widasmara, D., Suyoso, S., Murtiastutik, D. 2014. Candida Species Profile of Vulvovaginal Candidiasis in HIV/AIDS Patients Treated With Systemic Antibiotic. *Berkala Ilmu Kesehatan Kulit dan Kelamin*. 26(3): 1-5

- Yang, E. J., dan Chang, H. C. 2010. Purification of a new antifungal compound produced by *Lactobacillus plantarum* AF1 isolated from kimchi. *International Journal of Food Microbiology*. 139:56-63.
- Yanti, N. 2016. Uji aktivitas antifungi ekstrak etanol gal manjakani (*Quercus infectoria*) terhadap *Candida albicans*. *Jurnal Ilmiah Mahasiswa Pendidikan Biologi*. 1(1) :1-9.
- Yulistiani. 2009. Produksi Starter Yoghurt Yang Resisten Terhadap Residu Antibiotika Penicillin Pada Susu Dan Aplikasinya Pada Pembuatan Yoghurt. *Jurnal Penelitian Ilmu Teknik*. 9(1):1-10
- Yunita, D., Syarifah, R., Nida, E. H., Isnanda, M. 2011. Pembuatan Niyoghurt Dengan Perbedaan Perbandingan *Streptococcus thermophilus* dan *Lactobacillus bulgaricus* Serta Perubahan Mutunya Selama Penyimpanan. *Jurnal Teknologi Pertanian*. 12 (2): 80-2.
- Zuza-Alves, D. L., Silva-Rocha, W. P., Chaves, G. M. 2017. An Update on *Candida tropicalis* Based on Basic and Clinical Approaches. *Frontiers in microbiology*.8:1927

