

DAFTAR PUSTAKA

- Abdalhamid, B., Albinayan, S., Shaikh, A., Elhadi, N., Aljindan, R., 2017. Prevalence study of plasmid-mediated AmpC β -lactamases in *Enterobacteriaceae* lacking inducible AmpC from Saudi hospitals. *J. Med. Microbiol.* 66, 1286–1290.
- Ahmad, N., Alspaugh, J.A., Drew, W.L., Lagunoff, M., Pottinger, P., Reller, L.B., Reller, M., Sterling, C., Weissman, S., 2022. Sherris & Ryan's Medical Microbiology, 8th ed. McGraw Hill, New York.
- Akhter, S., 2015. Prevalence and Detection of AmpC β -Lactamases in Gram Negative Bacilli from BIHS Hospital, Mirpur, Dhaka. *Internaional Journl Res. Stud. Microbiol. Biotechnol.* 1, 1–6.
- Barua, T., Shariff, M., Thukral, S.S., 2013. Detection and Characterization of AmpC B-Lactamases in Indian Clinical Isolates of *Escherichia coli*, *Klebsiella pneumoniae* and *Klebsiella oxytoca*. *Univers. J. Microbiol. Res.* 1, 15–21.
- Bhullar, K., Waglechner, N., Pawlowski, A., Koteva, K., Banks, E.D., Johnston, M.D., Barton, H.A., Wright, G.D., 2012. Antibiotic Resistance Is Prevalent in an Isolated Cave Microbiome. *PLoS One* 7, e34953.
- Black, J.A., Moland, E.S., Thomson, K.S., 2005. AmpC disk test for detection of plasmid-mediated AmpC β -lactamases in *Enterobacteriaceae* lacking chromosomal AmpC β -lactamases. *J. Clin. Microbiol.* 43, 3110–3113.
- Cappuccino, J.G., Welsh, C., 2019. Microbiology: A Laboratory Manual, 12th ed, Cappuccino Welsh. Pearson.
- Chan, W.Y., Khazandi, M., Hickey, E.E., Page, S.W., Trott, D.J., Hill, P.B., 2019. In vitro antimicrobial activity of seven adjuvants against common pathogens associated with canine otitis externa. *Vet. Dermatol.* 30, 133–e38.
- Donnenberg, M.S., 2015. *Enterobacteriaceae*. In: Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases. Elsevier, pp. 2503–2517.e5.
- El-Aziz, N.K.A., Gharib, A.A., 2015. Coexistence of plasmid-mediated quinolone resistance determinants and AmpC-Beta-Lactamases in *Escherichia coli* strains in Egypt. *Cell. Mol. Biol.* 61, 29–35.
- El-Hady, S.A., Adel, L.A., 2015. Occurrence and detection of AmpC β -lactamases among *Enterobacteriaceae* isolates from patients at Ain Shams University Hospital. *Egypt. J. Med. Hum. Genet.* 16, 239–244.
- Etemadi, S., Ebrahimzadeh Leylabadlo, H., Ghotaslou, R., 2020. AmpC β -lactamase among *Enterobacteriaceae*: a new insight. *Gene Reports* 19, 100673.
- Gajul, S. V, Mohite, S.T., Mangalgi, S.S., Wavare, S.M., Kakade, S. V, 2020. *Klebsiella pneumoniae* in Septicemic Neonates with Special Reference to

Extended Spectrum β -lactamase, AmpC, Metallo β -lactamase Production and Multiple Drug Resistance in Tertiary Care Hospital. *J. Lab. Physicians* 7, 032–037.

Gude, M.J., Seral, C., Sáenz, Y., González-Domínguez, M., Torres, C., Castillo, F.J., 2012. Evaluation of four phenotypic methods to detect plasmid-mediated AmpC β -lactamases in clinical isolates. *Eur. J. Clin. Microbiol. Infect. Dis.* 31, 2037–2043.

Gupta, G., Tak, V., Mathur, P., 2014. Detection of AmpC β Lactamases in Gram-negative Bacteria. *J. Lab. Physicians* 6, 001–006.

Handa, D., Pandey, A., Asthana, A.K., Rawat, A., Handa, S., Thakuria, B., 2013. Evaluation of phenotypic tests for the detection of AmpC beta-lactamase in clinical isolates of *Escherichia coli*. *Indian J. Pathol. Microbiol.* 56, 135.

Hassan, A., Usman, J., Kaleem, F., Gill, M.M., Khalid, A., Iqbal, M., Ingram, P., 2013. Evaluation of different phenotypic methods for detection of AmpC beta-lactamase producing bacteria in clinical isolates. *J. Coll. Physicians Surg. Pak.* 23, 629–32.

Helmy, M.M., Wasfi, R., 2014. Phenotypic and molecular characterization of plasmid mediated AmpC β -lactamases among *Escherichia coli*, *Klebsiella spp.*, and *Proteus mirabilis* isolated from urinary tract infections in Egyptian hospitals. *Biomed Res. Int.* 2014.

Ibrahim, M.E., Abbas, M., Al-Shahrai, A.M., Elamin, B.K., 2019. Phenotypic characterization and antibiotic resistance patterns of extended-spectrum β -lactamase- and AmpC β -lactamase-producing Gram-negative bacteria in a referral hospital, Saudi Arabia. *Can. J. Infect. Dis. Med. Microbiol.* 2019.

Ingram, P.R., Inglis, T.J.J., Vanzetti, T.R., Henderson, B.A., Harnett, G.B., Murray, R.J., 2011. Comparison of methods for AmpC β -lactamase detection in *Enterobacteriaceae*. *J. Med. Microbiol.*

Iredell, J., Brown, J., Tagg, K., 2016. Antibiotic resistance in *Enterobacteriaceae*: Mechanisms and clinical implications. *BMJ* 352.

Jenkins, C., Rentenaar, R.J., Landraud, L., Brisse, S., 2017. *Enterobacteriaceae*. In: Infectious Diseases. Elsevier, pp. 1565-1578.e2.

Jeong, B.H., Jeon, K., Park, H.Y., Kwon, O.J., Lee, K.S., Kim, H.K., Choi, Y.S., Kim, J., Huh, H.J., Lee, N.Y., Koh, W.J., 2015. Outcomes of pulmonary MDR-TB: impacts of fluoroquinolone resistance and linezolid treatment. *J. Antimicrob. Chemother.* 70, 3127–3133.

Jeong, H.S., Kwon Bae, I., Shin, J.H., Jung, H.J., Kim, S.H., Lee, J.Y., Oh, S.H., Kim, H.R., Chang, C.L., Kho, W.-G., Lee, J.N., 2011. Prevalence of Plasmid-mediated Quinolone Resistance and Its Association with Extended-spectrum Beta-lactamase and AmpC Beta-lactamase in *Enterobacteriaceae*. *Korean J Lab Med* 31, 257–264.

- Karam, G., Chastre, J., Wilcox, M.H., Vincent, J.L., 2016. Antibiotic strategies in the era of multidrug resistance. *Crit. Care* 20.
- Li, Y.Y., Cassidy, F., Salmon, A., Keating, D., Herra, C.M., Schaffer, K., 2015. Detection and epidemiology of plasmid-mediated AmpC β -lactamase producing *Escherichia coli* in two Irish tertiary care hospitals. *J. Glob. Antimicrob. Resist.* 3, 242–246.
- Liu, X., Liu, Y., 2016. Detection of plasmid-mediated AmpC β -lactamase in *Escherichia coli*. *Biomed. Reports* 4, 687–690.
- Machuca, J., Agüero, J., Miró, E., Conejo, M. del C., Oteo, J., Bou, G., González-López, J.J., Oliver, A., Navarro, F., Pascual, Á., Martínez-Martínez, L., 2017. Prevalence of quinolone resistance mechanisms in *Enterobacteriaceae* producing acquired AmpC β -lactamases and/or carbapenemases in Spain. *Enfermedades Infecc. y Microbiol. Clin. (English ed.)* 35, 485–490.
- Meini, S., Tascini, C., Cei, M., Sozio, E., Rossolini, G.M., 2019. AmpC β -lactamase-producing *Enterobacterales*: what a clinician should know. *Infection* 47, 363–375.
- Nelson, G.E., Greene, M.H., 2020. *Enterobacteriaceae*. In: Bennet, J.E., Dolin, R., Blaser, M.J. (Eds.), *Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases*. Elsevier Ltd, Philadelphia, PA, pp. 2669–2685.
- Ngurah, G., Priyaka, K., Made, N., Tarini, A., Nengah, N., Fatmawati, D., Klnik, M., Sanglah, R., 2019. Deteksi molekuler gen AmpC pada isolat klinis *Klebsiella pneumoniae* penghasil ESBL di RSUP Sanglah Denpasar. *E-Jurnal Med. Udayana* 8, 2597–8012.
- Peter-Getzlaff, S., Polsfuss, S., Poledica, M., Hombach, M., Giger, J., Böttger, E.C., Zbinden, R., Bloemberg, G. V., 2011. Detection of AmpC Beta-Lactamase in *Escherichia coli*: Comparison of Three Phenotypic Confirmation Assays and Genetic Analysis. *J. Clin. Microbiol.* 49, 2924–2932.
- Rand, K.H., Turner, B., Seifert, H., Hansen, C., Johnson, J.A., Zimmer, A., 2011. Clinical laboratory detection of AmpC β -lactamase: does it affect patient outcome? *Am. J. Clin. Pathol.* 135, 572–576.
- Rehman, U., Gurmey Dolma, K., Singh, T.S., 2017. Comparative analysis of various phenotypic methods for the detection of beta-lactamase in *Acinetobacter baumannii* isolates from a referral hospital in Sikkim, India. *Indian J. Basic Appl. Med. Res.* 226–233.
- Reygaert, W.C., 2018. An overview of the antimicrobial resistance mechanisms of bacteria. *AIMS Microbiol.* 4, 482.
- Robatjazi, S., Nikkhahi, F., Niazadeh, M., Amin Marashi, S.M., Peymani, A., Javadi, A., Kashani, A.H., 2021. Phenotypic Identification and Genotypic Characterization of Plasmid-Mediated AmpC β -Lactamase-Producing *Escherichia coli* and *Klebsiella pneumoniae* Isolates in Iran. *Curr. Microbiol.*

78, 2317–2323.

- Simner, P.J., Zhanel, G.G., Pitout, J., Taylor, F., McCracken, M., Mulvey, M.R., Lagacé-Wiens, P.R.S., Adam, H.J., Hoban, D.J., 2011. Prevalence and characterization of extended-spectrum β -lactamase- and AmpC β -lactamase-producing *Escherichia coli*: results of the CANWARD 2007–2009 study. *Diagn. Microbiol. Infect. Dis.* 69, 326–334.
- Singhal, S., Mathur, T., Khan, S., Upadhyay, D.J., Chugh, S., Gaiind, R., Rattan, A., 2005. Evaluation of methods for AmpC β -lactamase in Gram negative clinical isolates from tertiary care hospitals. *Indian J. Med. Microbiol.* 23, 120–124.
- Tang, W., Hu, J., Zhang, H., Wu, P., He, H., 2015. Kappa coefficient: a popular measure of rater agreement. *Shanghai Arch. Psychiatry* 27, 62.
- Tekele, S.G., Teklu, D.S., Tullu, K.D., Birru, S.K., Legese, M.H., 2020. Extended-spectrum beta-lactamase and AmpC beta-lactamases producing gram negative bacilli isolated from clinical specimens at International Clinical Laboratories, Addis Ababa, Ethiopia. *PLoS One* 15, e0241984.
- Tewari, R., Mitra, S.D., Ganaie, F., Venugopal, N., Das, S., Shome, R., Rehman, H., Shome, B.R., 2018. Prevalence of extended spectrum β -lactamase, AmpC β -lactamase and metallo β -lactamase mediated resistance in *Escherichia coli* from diagnostic and tertiary healthcare centers in South Bangalore, India. *Int. J. Res. Med. Sci.* 6, 1308.
- Thakar, V., Modak, M., 2013. Comparison of various methods for detection of AmpC β -lactamase enzyme. *J. Acad. Clin. Microbiol.* 15, 45.
- Wanger, A., Chavez, V., Huang, R.S.P., Wahed, A., Actor, J.K., Dasgupta, A., 2017. Overview of Bacteria. In: *Microbiology and Molecular Diagnosis in Pathology*. Elsevier, pp. 75–117.
- WHO, 2014. Antimicrobial resistance: global report on surveillance. World Health Organization.
- Yelin, I., Kishony, R., 2018. Antibiotic Resistance. *Cell* 172, 1136-1136.e1.
- Yilmaz, N.O., Agus, N., Bozcal, E., Oner, O., Uzel, A., 2013. Detection of plasmid-mediated AmpC β -lactamase in *Escherichia coli* and *Klebsiella pneumoniae*. *Indian J. Med. Microbiol.* 31, 53–59.