10 BIBLIOGRAFÍA

Abdi-Ali, A., Worobec, E. A., Deezagi, A., & Malekzadeh, F. (2004). Cytotoxic effects of pyocin S2 produced by Pseudomonas aeruginosa on the growth of three human cell lines. *Canadian Journal of Microbiology*, *50*(5), 375–381. https://doi.org/10.1139/W04-019

Al-Shammary, A. R., Ibtisam Gh, A., & Aziz, I. H. (2013). Pyocin-Based Molecular Typing of Local Isolates of Pseudomonas Aeruginosa Isolated from Blood Samples. *Iraqi Journal Of Medical Science*, *11*(1), 33–39.

Arias-Flores, R., Rosado-Quiab, U., Vargas-Valerio, A., & Grajales-Muñiz, C. (2016). Los microorganismos causantes de infecciones nosocomiales en el Instituto Mexicano del Seguro Social. *Microorganisms Responsible of Nosocomial Infections in the Instituto Mexicano Del Seguro Social.*, *54*(1), 20–24. Retrieved from http://search.ebscohost.com/login.aspx?direct=true&db=a9h&AN=112752580&lang=es&site=ehost-live

Barranco-Hernanadez, E. (1998). Aminoglucósidos. *Acta Medica*, *8*(1), 48–53.

Colmenero Estrada, M., & Sánchez Oviedo, A. (2008). Estadística bacteriológica de las infecciones nosocomiales en el Hospital Regional Lic. Adolfo López Mateos. Nueve años de seguimiento. *Revista de Especialidades Médico-Quirúrgicas, 13* (1), 3-7.

Fauci, A., Kasper, D., Araiza Martínez, M., & Harrison, T. (2009). *Harrison* (19th ed.). México: McGraw-Hill.

Gaillard, T., Dormoi, J., Madamet, M., & Pradines, B. (2016). Macrolides and associated antibiotics based on similar mechanism of action like lincosamides in malaria. *Malaria*

Journal, *15*(1), 85. https://doi.org/10.1186/s12936-016-1114-z

Ghequire, M. G. K., & De Mot, R. (2014). Ribosomally encoded antibacterial proteins and peptides from Pseudomonas. *FEMS Microbiology Reviews*, *38*(4), 523–568. https://doi.org/10.1111/1574-6976.12079

Ghorab, M. M., Alsaid, M. S., El-Gaby, M. S. A., Elaasser, M. M., & Nissan, Y. M. (2017). Antimicrobial and anticancer activity of some novel fluorinated thiourea derivatives carrying sulfonamide moieties: synthesis, biological evaluation and molecular docking. *Chemistry Central Journal*, *11*(1), 32. https://doi.org/10.1186/s13065-017-0258-4

Goh, H. F., & Philip, K. (2015). Purification and characterization of bacteriocin produced by weissella confusa A3 of dairy origin. *PLoS ONE*, *10*(10), 1–18. https://doi.org/10.1371/journal.pone.0140434

Huang, W., & Wilks, A. (2017). A rapid seamless method for gene knockout in Pseudomonas aeruginosa. *BMC Microbiology*, *17*(1), 199. https://doi.org/10.1186/s12866-017-1112-5

Klein, A., Wojdyla, J. A., Joshi, A., Josts, I., McCaughey, L. C., Housden, N. G., … Kleanthous, C. (2016). Structural and biophysical analysis of nuclease protein antibiotics. *Biochemical Journal*, *473*(18), 2799–2812. https://doi.org/10.1042/BCJ20160544

Landfried, L. K., Pithua, P., Emo, B. , Lewis, R., Jacoby, J. A., King, J. A. & Baskins, C. R. (2017). How Under-Testing of Ethnic Meat Might Contribute to Antibiotic Environmental Pollution and Antibiotic Resistance : Tetracycline and Aminoglycoside

Residues in Domestic Goats Slaughtered in Missouri Abstract. *Journal Of Environmental Health*, *80*(2), 20–26.

Lee, G., Chakraborty, U., Gebhart, D., Govoni, G. R., Zhou, Z. H., & Scholl, D. (2016). F-type bacteriocins of Listeria monocytogenes: A new class of phage tail-like structures reveals broad parallel coevolution between tailed bacteriophages and high-molecular-weight bacteriocins. *Journal of Bacteriology*, *198*(20), 2784–2793. https://doi.org/10.1128/JB.00489-16

Lim, L., Sutton, E., & Brown, J. (2011). Ceftaroline: A new broad-spectrum cephalosporin. *American Journal of Health-System Pharmacy*, *68*(6), 491–498. https://doi.org/10.2146/ajhp100181

Luján Roca, D. Á. (2014). Pseudomonas aeruginosa: un adversario peligroso. *Acta bioquímica clínica Latinoamericana*, *48*(4), 465–474. Retrieved from http://www.scielo.org.ar/scielo.php?script=sci_arttext&pid=S0325-29572014000400009

Madigan, M., Martinko, J., & Dunlap, P. (2009). *Brock. Biología de los Microorganismos*. Madrid: Pearson Educación.

McCaughey, L. C., Josts, I., Grinter, R., White, P., Byron, O., Tucker, N. P., … Walker, D. (2016). Discovery, characterization and in vivo activity of pyocin SD2, a protein antibiotic from Pseudomonas aeruginosa. *Biochemical Journal*, *473*(15), 2345–2358. https://doi.org/10.1042/BCJ20160470

Melamed, S., Lalush, C., Elad, T., Yagur-Kroll, S., Belkin, S., & Pedahzur, R. (2012). A bacterial reporter panel for the detection and classification of antibiotic substances. *Microbial Biotechnology*, *5*(4), 536–548. https://doi.org/10.1111/j.1751-

7915.2012.00333.x

Mendoza Medellín, A. (2011). El formidable reto de la resistencia bacteriana a los antibióticos. *Revista de La Facultad de Medicina de La UNAM*, *54*(1), 18–27.

Mendoza Patiño, N., & Campos Sepúlveda, A. E. (2008). Tetraciclinas. *Actualidades Farmacológicas*, 1–3. Retrieved from http://www.ejournal.unam.mx/rfm/no51-1/RFM051000106.pdf

Mihankah, A., Khoshbakht, R., Raeisi, M., & Raeisi, V. (2017). Prevalence and antibiotic resistance pattern of bacteria isolated from urinary tract infections in Northern Iran. *Journal of Research in Medical Sciences*, *22*(1), 108. https://doi.org/10.4103/jrms.JRMS

Molina López, J. (2015). *TERAPÉUTICA. DROGAS ANTIMICROBIANAS. Facultad de Medicina de la UNAM*. Retrieved 18 October 2017, from http://www.facmed.unam.mx/deptos/microbiologia/bacteriologia/terapeutica.html

Monroy, C., & Jos, F. (2009). Revisión bibliográfica : Bacteriocinas producidas por bacterias probióticas, *ContactoS* (NOVEMBER), 63–72.

Murray, P., Rosenthal, K., Pfaller, M., Di Francesco, P., & Angiolella, L. (2013). *Microbiología Médica*. Milano: Edra.

Nathwani, D., Raman, G., Sulham, K., Gavaghan, M., & Menon, V. (2014). Clinical and economic consequences of hospital-acquired resistant and multidrug-resistant Pseudomonas aeruginosa infections: a systematic review and meta-analysis. *Antimicrobial Resistance and Infection Control*, *3*(1), 32. https://doi.org/10.1186/2047-2994-3-32

Naz, S. A., Jabeen, N., Sohail, M., & Rasool, S. A. (2015). Production and purification of pyocin from a soil associated pseudomonas aeruginosa strain sa 188. *Pakistan Journal of Agricultural Sciences*, *52*(4), 873–879.

Ramanathan, B., Jindal, H. M., Le, C. F., Gudimella, R., Anwar, A., Razali, R., … Sekaran, S. D. (2017). Next generation sequencing reveals the antibiotic resistant variants in the genome of Pseudomonas aeruginosa. *PLoS ONE*, *12*(8), 1–16. https://doi.org/10.1371/journal.pone.0182524

Richardson, L. A. (2017). Understanding and overcoming antibiotic resistance. *PLoS Biology*, *15*(8), 1–6. https://doi.org/10.1371/journal.pbio.2003775

Rowles, H. L. (2017). INCREASING ANTIBIOTIC THERAPY COMPLIANCE THROUGH CONCURRENT PROBIOTIC CONSUMPTION. *International Journal of Probiotics and Prebiotics*, *12*(2), 83–88.

Secretaría de Salud. (2011). *Medición de la prevalencia de infecciones nosocomiales en hospitales generales de las principales instituciones Públicas de salud. México: SS*. Retrieved 10 October 2017, from http://www.dged.salud.gob.mx/ contenidos/dess/descargas/estudios_especiales/ NOSOCOMIAL_IF.pdf

Sonbol, F. I., Khalil, M. A. E. F., Mohamed, A. B., & Ali, S. S. (2015). Correlation between antibiotic resistance and virulence ofPseudomonas aeruginosa clinical isolates. *Turkish Journal of Medical Sciences*, *45*, 568–577. https://doi.org/10.3906/sag-1406-58

Suzuki, S., Horinouchi, T., & Furusawa, C. (2017). Acceleration and suppression of resistance development by antibiotic combinations. *BMC Genomics*, *18*(1), 328. https://doi.org/10.1186/s12864-017-3718-2

Taylor, P. K., Van Kessel, A. T. M., Colavita, A., Hancock, R. E. W., & Mah, T. F. (2017). A novel small RNA is important for biofilm formation and pathogenicity in Pseudomonas aeruginosa. *PLoS ONE*, *12*(8), 1–18. https://doi.org/10.1371/journal.pone.0182582

Uivarosi, V. (2013). Metal complexes of quinolone antibiotics and their applications: An update. *Molecules*, *18*(9), 11153–11197. https://doi.org/10.3390/molecules180911153

Vlasova, I. I., Asrieli, T. V, Gavrilova, E. M., & Danilov, V. S. (2007). Determination of Antibiotics Using Luminescent Escherichia coli and Blood Serum. *Applied Biochemistry and Microbiology*, *43*(4), 422–428. https://doi.org/10.1134/S0003683807040114

Waglechner, N., & Wright, G. D. (2017). Antibiotic resistance: it's bad, but why isn't it worse? *BMC Biology*, *15*(1), 84. https://doi.org/10.1186/s12915-017-0423-1

Williams, S. R., Gebhart, D., Martin, D. W., & Scholl, D. (2008). Retargeting R-type pyocins to generate novel bactericidal protein complexes. *Applied and Environmental Microbiology*, *74*(12), 3868–3876. https://doi.org/10.1128/AEM.00141-08

Winn, W., & Koneman, E. (2008). *Koneman diagnóstico microbiológico*. Buenos Aires: Editorial Médica Panamericana.

Yayan, J., Ghebremedhin, B., & Rasche, K. (2015). Antibiotic resistance of pseudomonas aeruginosa in pneumonia at a single university hospital center in Germany over a 10-Year Period. *PLoS ONE*, *10*(10), 1–21. https://doi.org/10.1371/journal.pone.0139836