|  |  |  |  |
| --- | --- | --- | --- |
| **Порядковый номер ссылки** | **Авторы, название публикации и источника, где она опубликована, выходные данные** | **ФИО, название публикации и источника на английском** | **Полный интернет-адрес (URL) цитируемой статьи или ее doi.** |
| 1 | Abraham E.P.,Chain E. An enzyme from bacteria able to destroy penicillin. 1940. Rev Infect Dis, 1988, Vol.10, no 4, pp. 677-8. | - |  |
| 2 | Ananthan S.,Subha A. Cefoxitin Resistance Mediated by Loss of a Porin in Clinical Strains of Klebsiella Pneumoniae and Escherichia Coli. Indian Journal of Medical Microbiology, 2005, Vol.23, no 1, pp. 20-23. | - | 10.1016/s0255-0857(21)02706-7 |
| 3 | Anderl J.N., Franklin M.J.,Stewart P.S. Role of antibiotic penetration limitation in Klebsiella pneumoniae biofilm resistance to ampicillin and ciprofloxacin. Antimicrob Agents Chemother, 2000, Vol.44, no 7, pp. 1818-24. | - | 10.1128/AAC.44.7.1818-1824.2000 |
| 4 | Ayobami O., Brinkwirth S., Eckmanns T.,Markwart R. Antibiotic resistance in hospital-acquired ESKAPE-E infections in low- and lower-middle-income countries: a systematic review and meta-analysis. Emerging Microbes & Infections, 2022, Vol.11, no 1, pp. 443-451. | - | 10.1080/22221751.2022.2030196 |
| 5 | Azevedo-Barbosa H., Dias D.F., Franco L.L., Hawkes J.A.,Carvalho D.T. From Antibacterial to Antitumour Agents: A Brief Review on The Chemical and Medicinal Aspects of Sulfonamides. Mini Rev Med Chem, 2020, Vol.20, no 19, pp. 2052-2066. | - | 10.2174/1389557520666200905125738 |
| 6 | Baroud M., Dandache I., Araj G.F., Wakim R., Kanj S., Kanafani Z., Khairallah M., Sabra A., Shehab M., Dbaibo G.,Matar G.M. Underlying mechanisms of carbapenem resistance in extended-spectrum beta-lactamase-producing Klebsiella pneumoniae and Escherichia coli isolates at a tertiary care centre in Lebanon: role of OXA-48 and NDM-1 carbapenemases. Int J Antimicrob Agents, 2013, Vol.41, no 1, pp. 75-9. | - | 10.1016/j.ijantimicag.2012.08.010 |
| 7 | Baumler A.J., Ivin M., Dumigan A., de Vasconcelos F.N., Ebner F., Borroni M., Kavirayani A., Przybyszewska K.N., Ingram R.J., Lienenklaus S., Kalinke U., Stoiber D., Bengoechea J.A.,Kovarik P. Natural killer cell-intrinsic type I IFN signaling controls Klebsiella pneumoniae growth during lung infection. PLOS Pathogens, 2017, Vol.13, no 11.  | - | 10.1371/journal.ppat.1006696 |
| 8 | Bhattacharjee M.K., *Antimetabolites: Antibiotics That Inhibit Nucleotide Synthesis*, in *Chemistry of Antibiotics and Related Drugs*. 2022. p. 109-123. | - |  |
| 9 | Binda E., Marinelli F.,Marcone G.L. Old and New Glycopeptide Antibiotics: Action and Resistance. Antibiotics (Basel), 2014, Vol.3, no 4, pp. 572-94. | - | 10.3390/antibiotics3040572 |
| 10 | Bisacchi G.,Hale M. A “Double-Edged” Scaffold: Antitumor Power within the Antibacterial Quinolone. Current Medicinal Chemistry, 2016, Vol.23, no 6, pp. 520-577.  | - | 10.2174/0929867323666151223095839 |
| 11 | Bisacchi G.S. Origins of the Quinolone Class of Antibacterials: An Expanded "Discovery Story". J Med Chem, 2015, Vol.58, no 12, pp. 4874-82. | - | 10.1021/jm501881c |
| 12 | Blair J.M.A., Webber M.A., Baylay A.J., Ogbolu D.O.,Piddock L.J.V. Molecular mechanisms of antibiotic resistance. Nature Reviews Microbiology, 2014, Vol.13, no 1, pp. 42-51. | - | 10.1038/nrmicro3380 |
| 13 | Blake F.G.,Craige B. Penicillin in Suppurative Disease of the Lungs: A Report of Three Cases. Yale J Biol Med, 1943, Vol.15, no 3, pp. 507-516 7.  | - |  |
| 14 | Blaskovich M.A.T., Hansford K.A., Butler M.S., Jia Z., Mark A.E.,Cooper M.A. Developments in Glycopeptide Antibiotics. ACS Infect Dis, 2018, Vol.4, no 5, pp. 715-735. | - | 10.1021/acsinfecdis.7b00258 |
| 15 | Bourne C.R. Utility of the Biosynthetic Folate Pathway for Targets in Antimicrobial Discovery. Antibiotics (Basel), 2014, Vol.3, no 1, pp. 1-28. | - | 10.3390/antibiotics3010001 |
| 16 | Boyiadzis M., Agha M., Redner R.L., Sehgal A., Im A., Hou J.-Z., Farah R., Dorritie K.A., Raptis A., Lim S.H., Wang H., Lapteva N., Mei Z., Butterfield L.H., Rooney C.M.,Whiteside T.L. Phase 1 clinical trial of adoptive immunotherapy using “off-the-shelf” activated natural killer cells in patients with refractory and relapsed acute myeloid leukemia. Cytotherapy, 2017, Vol.19, no 10, pp. 1225-1232. | - | 10.1016/j.jcyt.2017.07.008 |
| 17 | Breijyeh Z., Jubeh B.,Karaman R. Resistance of Gram-Negative Bacteria to Current Antibacterial Agents and Approaches to Resolve It. Molecules, 2020, Vol.25, no 6. | - | 10.3390/molecules25061340 |
| 18 | Brockmann H.,Henkel W. Pikromycin, ein bitter schmeckendes Antibioticum aus Actinomyceten (Antibiotica aus Actinomyceten, VI. Mitteil. Chemische Berichte, 2006, Vol.84, no 3, pp. 284-288. | - | 10.1002/cber.19510840306 |
| 19 | Brooks L.E., Ul-Hasan S., Chan B.K.,Sistrom M.J. Quantifying the Evolutionary Conservation of Genes Encoding Multidrug Efflux Pumps in the ESKAPE Pathogens To Identify Antimicrobial Drug Targets. mSystems, 2018, Vol.3. | - | 10.1128/mSystems.00024-18 |
| 20 | Bryan L.E.,Kwan S. Roles of ribosomal binding, membrane potential, and electron transport in bacterial uptake of streptomycin and gentamicin. Antimicrob Agents Chemother, 1983, Vol.23, no 6, pp. 835-45. | - | 10.1128/AAC.23.6.835 |
| 21 | Camussi G., Deregibus M.C., Bruno S., Cantaluppi V.,Biancone L. Exosomes/microvesicles as a mechanism of cell-to-cell communication. Kidney Int, 2010, Vol.78, no 9, pp. 838-48. | - | 10.1038/ki.2010.278 |
| 22 | Chalifour A., Jeannin P., Gauchat J.F., Blaecke A., Malissard M., N'Guyen T., Thieblemont N.,Delneste Y. Direct bacterial protein PAMP recognition by human NK cells involves TLRs and triggers alpha-defensin production. Blood, 2004, Vol.104, no 6, pp. 1778-83. | - | 10.1182/blood-2003-08-2820 |
| 23 | Chen N.,Jiang C. Antimicrobial peptides: Structure, mechanism, and modification. European Journal of Medicinal Chemistry, 2023, Vol.255, no. 7 | - | 10.1016/j.ejmech.2023.11537 |
| 24 | Comin F., Speziali E., Martins-Filho O.A., Caldas I.R., Moura V., Gazzinelli A., Correa-Oliveira R.,Faria A.M.C. Ageing and Toll-like receptor expression by innate immune cells in chronic human schistosomiasis. Clinical and Experimental Immunology, 2007, Vol.149, no 2, pp. 274-284. | - | 10.1111/j.1365-2249.2007.03403.x |
| 25 | Crespo Â.C., Mulik S., Dotiwala F., Ansara J.A., Sen Santara S., Ingersoll K., Ovies C., Junqueira C., Tilburgs T., Strominger J.L.,Lieberman J. Decidual NK Cells Transfer Granulysin to Selectively Kill Bacteria in Trophoblasts. Cell, 2020, Vol.182, no 5, pp. 1125-1139.e18. | - | 10.1016/j.cell.2020.07.019 |
| 26 | Demerec M.,Fano U. Bacteriophage-Resistant Mutants in Escherichia Coli. Genetics, 1945, Vol.30, no 2, pp. 119-136.  | - | 10.1093/genetics/30.2.119 |
| 27 | Dinos G.P. The macrolide antibiotic renaissance. Br J Pharmacol, 2017, Vol.174, no 18, pp. 2967-2983.  | - | 10.1111/bph.13936 |
| 28 | El-Badawy M.F., Tawakol W.M., El-Far S.W., Maghrabi I.A., Al-Ghamdi S.A., Mansy M.S., Ashour M.S.,Shohayeb M.M. Molecular Identification of Aminoglycoside-Modifying Enzymes and Plasmid-Mediated Quinolone Resistance Genes among Klebsiella pneumoniae Clinical Isolates Recovered from Egyptian Patients. International Journal of Microbiology, 2017, Vol.2017, no, pp. 1-12. | - | 10.1155/2017/8050432 |
| 29 | El-Sayed Ahmed M.A.E.-G., Zhong L.-L., Shen C., Yang Y., Doi Y.,Tian G.-B. Colistin and its role in the Era of antibiotic resistance: an extended review (2000–2019). Emerging Microbes & Infections, 2020, Vol.9, no 1, pp. 868-885.  | - | 10.1080/22221751.2020.1754133 |
| 30 | Emelianova A.G., Petrova N.V., Fremez C., Fontanié M., Tarasov S.А.,Epstein О.I. Therapeutic potential of highly diluted antibodies in antibiotic-resistant infection. European Journal of Pharmaceutical Sciences, 2022, Vol.173, no.  | - | 10.1016/j.ejps.2022.106161 |
| 31 | Eriksson M., Meadows S.K., Basu S., Mselle T.F., Wira C.R.,Sentman C.L. TLRs mediate IFN-gamma production by human uterine NK cells in endometrium. J Immunol, 2006, Vol.176, no 10, pp. 6219-24. | - | 10.4049/jimmunol.176.10.6219 |
| 32 | Eyler R.F.,Shvets K. Clinical Pharmacology of Antibiotics. Clinical Journal of the American Society of Nephrology, 2019, Vol.14, no 7, pp. 1080-1090. | - | 10.2215/cjn.08140718 |
| 33 | Fazly Bazzaz B.S., Khameneh B., Zarei H.,Golmohammadzadeh S. Antibacterial efficacy of rifampin loaded solid lipid nanoparticles against Staphylococcus epidermidis biofilm. Microbial Pathogenesis, 2016, Vol.93, no, pp. 137-144.  | - | 10.1016/j.micpath.2015.11.031 |
| 34 | Fernández-Martínez M., Ruiz del Castillo B., Lecea-Cuello M.J., Rodríguez-Baño J., Pascual Á., Martínez-Martínez L., Michaus L., Martínez Peinado C., Yagüe A., Torreblanca A., Fleites A., Ordás J.F., Moreno J.J., Garduño E., Gil J., Oliver A., Domínguez M.A., Marco F., del Valle O., Navarro F., Prats G., Corcoy F., Ojeda E., Marín P., Fernández C., Martínez L., Carranza R., Rodríguez F., García Tejero C., Artiles F., Álamo I., Palop B., De la Rosa M., Gutiérrez J., Gomáriz M., Cuesta I., Cartelle M., Rodríguez M., Fernández I., Ugalde E., Picazo J.J., Chaves F., Cantón R., Cercenado E., Folgueira L., Delgado Iribarren A., Guerrero C., Torroba L., García Irure J.J., Fernández B., García M., Lueiro F., Otero I., García Sánchez E., Elías J., Treviño M., Hernández J.R., Ruiz M., Díaz M.A., Moreno A., Lara M., Aspiroz C., Torres L., García Leoni E., Navarro D., Gobernado M., Tenorio A., Ezpeleta C., Castillo J.,García Moya J. Prevalence of Aminoglycoside-Modifying Enzymes in Escherichia coli and Klebsiella pneumoniae Producing Extended Spectrum β-Lactamases Collected in Two Multicenter Studies in Spain. Microbial Drug Resistance, 2018, Vol.24, no 4, pp. 367-376. | - | 10.1089/mdr.2017.0102 |
| 35 | Ferreira M., Pinto S.N., Aires-da-Silva F., Bettencourt A., Aguiar S.I.,Gaspar M.M. Liposomes as a Nanoplatform to Improve the Delivery of Antibiotics into Staphylococcus aureus Biofilms. Pharmaceutics, 2021, Vol.13, no 3. | - | 10.3390/pharmaceutics13030321 |
| 36 | Fleming A. On the antibacterial action of cultures of a penicillium, with special reference to their use in the isolation of B. influenzae. 1929. Bull World Health Organ, 2001, Vol.79, no 8, pp. 780-90. | - | 10.3390/molecules26144280 |
| 37 | Foti C., Piperno A., Scala A.,Giuffrè O. Oxazolidinone Antibiotics: Chemical, Biological and Analytical Aspects. Molecules, 2021, Vol.26, no 14. | - |  |
| 38 | Fouts J.R., Kamm J.J.,Brodie B.B. Enzymatic reduction of prontosil and other azo dyes. J Pharmacol Exp Ther, 1957, Vol.120, no 3, pp. 291-300.  | - |  |
| 39 | Gautier-Bouchardon A.V., Aarestrup F.M., Schwarz S., Shen J.,Cavaco L. Antimicrobial Resistance in Mycoplasma spp. Microbiology Spectrum, 2018, Vol.6, no 4. | - | 10.1128/microbiolspec.ARBA-0030-2018 |
| 40 | Geigenmuller U.,Nierhaus K.H. Tetracycline can inhibit tRNA binding to the ribosomal P site as well as to the A site. Eur J Biochem, 1986, Vol.161, no 3, pp. 723-6.  | - | 10.1111/j.1432-1033.1986.tb10499.x |
| 41 | González-Paredes A., Sitia L., Ruyra A., Morris C.J., Wheeler G.N., McArthur M.,Gasco P. Solid lipid nanoparticles for the delivery of anti-microbial oligonucleotides. European Journal of Pharmaceutics and Biopharmaceutics, 2019, Vol.134, no, pp. 166-177. | - | 10.1016/j.ejpb.2018.11.017 |
| 42 | Hahn A., Sami I., Chaney H., Koumbourlis A.C., Del Valle Mojica C., Cochrane C., Chan B.K.,Koff J.L. Bacteriophage Therapy for Pan-Drug-Resistant Pseudomonas aeruginosa in Two Persons With Cystic Fibrosis. Journal of Investigative Medicine High Impact Case Reports, 2023, Vol.11, no. | - | 10.1177/23247096231188243 |
| 43 | Haney E., Trimble M., Cheng J., Vallé Q.,Hancock R. Critical Assessment of Methods to Quantify Biofilm Growth and Evaluate Antibiofilm Activity of Host Defence Peptides. Biomolecules, 2018, Vol.8, no 2. | - | 10.3390/biom8020029 |
| 44 | Hilliard J.J., Datta V., Tkaczyk C., Hamilton M., Sadowska A., Jones-Nelson O., O'Day T., Weiss W.J., Szarka S., Nguyen V., Prokai L., Suzich J., Stover C.K.,Sellman B.R. Anti-Alpha-Toxin Monoclonal Antibody and Antibiotic Combination Therapy Improves Disease Outcome and Accelerates Healing in a Staphylococcus aureus Dermonecrosis Model. Antimicrobial Agents and Chemotherapy, 2015, Vol.59, no 1, pp. 299-309. | - | 10.1128/aac.03918-14 |
| 45 | Hoffman L.R., D'Argenio D.A., MacCoss M.J., Zhang Z., Jones R.A.,Miller S.I. Aminoglycoside antibiotics induce bacterial biofilm formation. Nature, 2005, Vol.436, no 7054, pp. 1171-5.  | - | 10.1038/nature03912 |
| 46 | Høiby N., Bjarnsholt T., Givskov M., Molin S.,Ciofu O. Antibiotic resistance of bacterial biofilms. International Journal of Antimicrobial Agents, 2010, Vol.35, no 4, pp. 322-332. | - | 10.1016/j.ijantimicag.2009.12.011 |
| 47 | Hooper D.C.,Jacoby G.A. Mechanisms of drug resistance: quinolone resistance. Annals of the New York Academy of Sciences, 2015, Vol.1354, no 1, pp. 12-31.  | - | 10.1111/nyas.12830 |
| 48 | Horton D., Wander J.D.,Foltz R.L. Chemical-ionization mass spectrometry of lincomycin and clindamycin. Analytical Biochemistry, 1974, Vol.59, no 2, pp. 452-461.  | - | 10.1016/0003-2697(74)90298-x |
| 49 | Ichikawa M., Nakamoto N., Kredo-Russo S., Weinstock E., Weiner I.N., Khabra E., Ben-Ishai N., Inbar D., Kowalsman N., Mordoch R., Nicenboim J., Golembo M., Zak N., Jablonska J., Sberro-Livnat H., Navok S., Buchshtab N., Suzuki T., Miyamoto K., Teratani T., Fujimori S., Aoto Y., Konda M., Hayashi N., Chu P.-S., Taniki N., Morikawa R., Kasuga R., Tabuchi T., Sugimoto S., Mikami Y., Shiota A., Bassan M.,Kanai T. Bacteriophage therapy against pathological Klebsiella pneumoniae ameliorates the course of primary sclerosing cholangitis. Nature Communications, 2023, Vol.14, no 1. | - | 10.1038/s41467-023-39029-9 |
| 50 | Jong A.Y., Wu C.H., Li J., Sun J., Fabbri M., Wayne A.S.,Seeger R.C. Large‐scale isolation and cytotoxicity of extracellular vesicles derived from activated human natural killer cells. Journal of Extracellular Vesicles, 2017, Vol.6, no 1.  | - | 10.1080/20013078.2017.1294368 |
| 51 | Kang H.-K.,Park Y. Glycopeptide Antibiotics: Structure and Mechanisms of Action. Journal of Bacteriology and Virology, 2015, Vol.45, no 2. | - | 10.4167/jbv.2015.45.2.67 |
| 52 | Kannan K., Vazquez-Laslop N.,Mankin A.S. Selective protein synthesis by ribosomes with a drug-obstructed exit tunnel. Cell, 2012, Vol.151, no 3, pp. 508-20. | - | 10.1016/j.cell.2012.09.018 |
| 53 | Karballaei Mirzahosseini H., Hadadi-Fishani M., Morshedi K.,Khaledi A. Meta-Analysis of Biofilm Formation, Antibiotic Resistance Pattern, and Biofilm-Related Genes in Pseudomonas aeruginosa Isolated from Clinical Samples. Microbial Drug Resistance, 2020, Vol.26, no 7, pp. 815-824. | - | 10.1089/mdr.2019.0274 |
| 54 | Kishk R., Soliman N., Nemr N., Eldesouki R., Mahrous N., Gobouri A., Azab E.,Anani M. Prevalence of Aminoglycoside Resistance and Aminoglycoside Modifying Enzymes in Acinetobacter baumannii Among Intensive Care Unit Patients, Ismailia, Egypt. Infection and Drug Resistance, 2021, Vol.Volume 14, no, pp. 143-150. | - | 10.2147/idr.S290584 |
| 55 | Klingemann H. The NK-92 cell line—30 years later: its impact on natural killer cell research and treatment of cancer. Cytotherapy, 2023, Vol.25, no 5, pp. 451-457. | - | 10.1016/j.jcyt.2022.12.003 |
| 56 | Korenevsky A.V., Shcherbitskaia A.D., Berezkina M.E., Markova K.L., Alexandrova E.P., Balabas O.A., Selkov S.A.,Sokolov D.I. MALDI-TOF mass spectrometric protein profiling of microvesicles produced by the NK-92 natural killer cell line. Medical Immunology (Russia), 2020, Vol.22, no 4, pp. 633-646.  | - | 10.15789/1563-0625-mms-1976 |
| 57 | Lamichhane T.N., Raiker R.S.,Jay S.M. Exogenous DNA Loading into Extracellular Vesicles via Electroporation is Size-Dependent and Enables Limited Gene Delivery. Mol Pharm, 2015, Vol.12, no 10, pp. 3650-7. | - | 10.1021/acs.molpharmaceut.5b00364 |
| 58 | Ledger E.V.K., Sabnis A.,Edwards A.M. Polymyxin and lipopeptide antibiotics: membrane-targeting drugs of last resort. Microbiology, 2022, Vol.168, no 2. | - | 10.1099/mic.0.001136 |
| 59 | León D.L., Fellay I., Mantel P.-Y.,Walch M., *Killing Bacteria with Cytotoxic Effector Proteins of Human Killer Immune Cells: Granzymes, Granulysin, and Perforin*, in *Bacterial Pathogenesis*. 2017. p. 275-284. | - |  |
| 60 | Lin Q., Deslouches B., Montelaro R.C.,Di Y.P. Prevention of ESKAPE pathogen biofilm formation by antimicrobial peptides WLBU2 and LL37. Int J Antimicrob Agents, 2018, Vol.52, no 5, pp. 667-672. | - | 10.1016/j.ijantimicag.2018.04.019 |
| 61 | Luo G., Zhang J., Wang H., Sun Y., Cheng B., Xu Z., Zhang Y., Li H., Lu W., Nemeth E., Ganz T.,Fang X. Human defensin-inspired discovery of peptidomimetic antibiotics. Proc Natl Acad Sci U S A, 2022, Vol.119, no 10, pp. e2117283119.  | - | 10.1073/pnas.2117283119 |
| 62 | Luquero A., Vilahur G., Crespo J., Badimon L.,Borrell‐Pages M. Microvesicles carrying LRP5 induce macrophage polarization to an anti‐inflammatory phenotype. Journal of Cellular and Molecular Medicine, 2021, Vol.25, no 16, pp. 7935-7947.  | - | 10.1111/jcmm.16723 |
| 63 | Mankin A.S. Nascent peptide in the "birth canal" of the ribosome. Trends Biochem Sci, 2006, Vol.31, no 1, pp. 11-3.  | - | 10.1016/j.tibs.2005.11.007 |
| 64 | Matzov D., Eyal Z., Benhamou R.I., Shalev-Benami M., Halfon Y., Krupkin M., Zimmerman E., Rozenberg H., Bashan A., Fridman M.,Yonath A. Structural insights of lincosamides targeting the ribosome of Staphylococcus aureus. Nucleic Acids Research, 2017, Vol.45, no 17, pp. 10284-10292. | - | 10.1093/nar/gkx658 |
| 65 | Mingeot-Leclercq M.P., Glupczynski Y.,Tulkens P.M. Aminoglycosides: activity and resistance. Antimicrob Agents Chemother, 1999, Vol.43, no 4, pp. 727-37.  | - | 10.1128/AAC.43.4.727  |
| 66 | Mohr K.I. History of Antibiotics Research. Curr Top Microbiol Immunol, 2016, Vol.398, no, pp. 237-272. | - | 10.1007/82\_2016\_499 |
| 67 | Morin A.M., Kerwat K.M., Klotz M., Niestolik R., Ruf V.E., Wulf H., Zimmermann S.,Eberhart L.H. Risk factors for bacterial catheter colonization in regional anaesthesia. BMC Anesthesiol, 2005, Vol.5, no 1, pp. 1. | - | 10.1186/1471-2253-5-1 |
| 68 | Nasser M., Palwe S., Bhargava R.N., Feuilloley M.G.J.,Kharat A.S. Retrospective Analysis on Antimicrobial Resistance Trends and Prevalence of beta-lactamases in Escherichia coli and ESKAPE Pathogens Isolated from Arabian Patients during 2000-2020. Microorganisms, 2020, Vol.8, no 10. | - | 10.3390/microorganisms8101626 |
| 69 | National Nosocomial Infections Surveillance S. National Nosocomial Infections Surveillance (NNIS) System Report, data summary from January 1992 through June 2004, issued October 2004. Am J Infect Control, 2004, Vol.32, no 8, pp. 470-85. | - | 10.1016/S0196655304005425 |
| 70 | Nelson M.L.,Levy S.B. The history of the tetracyclines. Ann N Y Acad Sci, 2011, Vol.1241, no, pp. 17-32.  | - | 10.1111/j.1749-6632.2011.06354.x  |
| 71 | Neu H.C. Relation of structural properties of beta-lactam antibiotics to antibacterial activity. Am J Med, 1985, Vol.79, no 2A, pp. 2-13. | - | 10.1016/0002-9343(85)90254-2 |
| 72 | Nikaido H.,Rosenberg E.Y. Porin channels in Escherichia coli: studies with liposomes reconstituted from purified proteins. J Bacteriol, 1983, Vol.153, no 1, pp. 241-52.  | - | 10.1128/jb.153.1.241-252.1983  |
| 73 | Pathania R., Sharma A.,Gupta V. Efflux pump inhibitors for bacterial pathogens: From bench to bedside. Indian Journal of Medical Research, 2019, Vol.149, no 2.  | - | 10.4103/ijmr.IJMR\_2079\_17 |
| 74 | Pham T.D.M., Ziora Z.M.,Blaskovich M.A.T. Quinolone antibiotics. Medchemcomm, 2019, Vol.10, no 10, pp. 1719-1739. | - | 10.1039/c9md00120d |
| 75 | Pirnay J.-P., Djebara S., Steurs G., Griselain J., Cochez C., De Soir S., Glonti T., Spiessens A., Berghe E.V., Green S., Wagemans J., Lood C., Schrevens E., Chanishvili N., Kutateladze M., de Jode M., Ceyssens P.-J., Draye J.-P., Verbeken G., De Vos D., Rose T., Onsea J., Van Nieuwenhuyse B., Soentjens P., Lavigne R.,Merabishvili M. 2023 no. | - | 10.1101/2023.08.28.23294728 |
| 76 | Plé C., Tam H.-K., Vieira Da Cruz A., Compagne N., Jiménez-Castellanos J.-C., Müller R.T., Pradel E., Foong W.E., Malloci G., Ballée A., Kirchner M.A., Moshfegh P., Herledan A., Herrmann A., Deprez B., Willand N., Vargiu A.V., Pos K.M., Flipo M.,Hartkoorn R.C. Pyridylpiperazine-based allosteric inhibitors of RND-type multidrug efflux pumps. Nature Communications, 2022, Vol.13, no 1. | - | 10.1038/s41467-021-27726-2 |
| 77 | Postma D.F., van Werkhoven C.H., van Elden L.J., Thijsen S.F., Hoepelman A.I., Kluytmans J.A., Boersma W.G., Compaijen C.J., van der Wall E., Prins J.M., Oosterheert J.J., Bonten M.J.,Group C.-S.S. Antibiotic treatment strategies for community-acquired pneumonia in adults. N Engl J Med, 2015, Vol.372, no 14, pp. 1312-23.  | - | 10.1056/NEJMoa1406330 |
| 78 | Poulou A., Voulgari E., Vrioni G., Koumaki V., Xidopoulos G., Chatzipantazi V., Markou F.,Tsakris A. Outbreak caused by an ertapenem-resistant, CTX-M-15-producing Klebsiella pneumoniae sequence type 101 clone carrying an OmpK36 porin variant. J Clin Microbiol, 2013, Vol.51, no 10, pp. 3176-82. | - | 10.1128/JCM.01244-13 |
| 79 | Pradel E.,Pages J.M. The AcrAB-TolC efflux pump contributes to multidrug resistance in the nosocomial pathogen Enterobacter aerogenes. Antimicrob Agents Chemother, 2002, Vol.46, no 8, pp. 2640-3. | - | 10.1128/AAC.46.8.2640-2643.2002 |
| 80 | Rice L.B. Federal funding for the study of antimicrobial resistance in nosocomial pathogens: no ESKAPE. J Infect Dis, 2008, Vol.197, no 8, pp. 1079-81. | - | 10.1086/533452  |
| 81 | Sahly H., Schubert S., Harder J., Kleine M., Sandvang D., Ullmann U., Schroder J.M.,Podschun R. Activity of human beta-defensins 2 and 3 against ESBL-producing Klebsiella strains. J Antimicrob Chemother, 2006, Vol.57, no 3, pp. 562-5. | - | 10.1093/jac/dkl003  |
| 82 | Santajit S.,Indrawattana N. Mechanisms of Antimicrobial Resistance in ESKAPE Pathogens. BioMed Research International, 2016, Vol.2016, no, pp. 1-8. | - | 10.1155/2016/2475067 |
| 83 | Sauer K., Stoodley P., Goeres D.M., Hall-Stoodley L., Burmølle M., Stewart P.S.,Bjarnsholt T. The biofilm life cycle: expanding the conceptual model of biofilm formation. Nature Reviews Microbiology, 2022, Vol.20, no 10, pp. 608-620. | - | 10.1038/s41579-022-00767-0 |
| 84 | Spížek J.,Řezanka T. Lincosamides: Chemical structure, biosynthesis, mechanism of action, resistance, and applications. Biochemical Pharmacology, 2017, Vol.133, no, pp. 20-28. | - | 10.1016/j.bcp.2016.12.001 |
| 85 | Stephens C.R., Conover L.H., Hochstein F.A., Regna P.P., Pilgrim F.J., Brunings K.J.,Woodward R.B. Terramycin. Viii. Structure of Aureomycin and Terramycin. Journal of the American Chemical Society, 2002, Vol.74, no 19, pp. 4976-4977. | - | 10.1021/ja01139a533 |
| 86 | Suresh M.K., Biswas R.,Biswas L. An update on recent developments in the prevention and treatment of Staphylococcus aureus biofilms. International Journal of Medical Microbiology, 2019, Vol.309, no 1, pp. 1-12. | - | 10.1016/j.ijmm.2018.11.002 |
| 87 | Sutterwala Fayyaz S., Secher T., Fas S., Fauconnier L., Mathieu M., Rutschi O., Ryffel B.,Rudolf M. The Anti-Pseudomonas aeruginosa Antibody Panobacumab Is Efficacious on Acute Pneumonia in Neutropenic Mice and Has Additive Effects with Meropenem. PLoS ONE, 2013, Vol.8, no 9. | - | 10.1371/journal.pone.0073396 |
| 88 | Tacconelli E., Carrara E., Savoldi A., Harbarth S., Mendelson M., Monnet D.L., Pulcini C., Kahlmeter G., Kluytmans J., Carmeli Y., Ouellette M., Outterson K., Patel J., Cavaleri M., Cox E.M., Houchens C.R., Grayson M.L., Hansen P., Singh N., Theuretzbacher U., Magrini N.,Group W.H.O.P.P.L.W. Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis. Lancet Infect Dis, 2018, Vol.18, no 3, pp. 318-327. | - | 10.1016/S1473-3099(17)30753-3 |
| 89 | Tai K.P., Kamdar K., Yamaki J., Le V.V., Tran D., Tran P., Selsted M.E., Ouellette A.J.,Wong-Beringer A. Microbicidal effects of alpha- and theta-defensins against antibiotic-resistant Staphylococcus aureus and Pseudomonas aeruginosa. Innate Immun, 2015, Vol.21, no 1, pp. 17-29. | - | 10.1177/1753425913514784  |
| 90 | Tehrani K.H.M.E.,Martin N.I. β-lactam/β-lactamase inhibitor combinations: an update. MedChemComm, 2018, Vol.9, no 9, pp. 1439-1456. | - | 10.1039/c8md00342d |
| 91 | Tu D., Blaha G., Moore P.B.,Steitz T.A. Structures of MLSBK antibiotics bound to mutated large ribosomal subunits provide a structural explanation for resistance. Cell, 2005, Vol.121, no 2, pp. 257-70. | - | 10.1016/j.cell.2005.02.005 |
| 92 | Valore E.V., Park C.H., Quayle A.J., Wiles K.R., McCray P.B., Jr.,Ganz T. Human beta-defensin-1: an antimicrobial peptide of urogenital tissues. J Clin Invest, 1998, Vol.101, no 8, pp. 1633-42.  | - | 10.1172/JCI1861 |
| 93 | Vazquez-Laslop N.,Mankin A.S. How Macrolide Antibiotics Work. Trends Biochem Sci, 2018, Vol.43, no 9, pp. 668-684. | - | 10.1016/j.tibs.2018.06.011 |
| 94 | Velkov T., Gallardo-Godoy A., Swarbrick J.D., Blaskovich M.A.T., Elliott A.G., Han M., Thompson P.E., Roberts K.D., Huang J.X., Becker B., Butler M.S., Lash L.H., Henriques S.T., Nation R.L., Sivanesan S., Sani M.-A., Separovic F., Mertens H., Bulach D., Seemann T., Owen J., Li J.,Cooper M.A. Structure, Function, and Biosynthetic Origin of Octapeptin Antibiotics Active against Extensively Drug-Resistant Gram-Negative Bacteria. Cell Chemical Biology, 2018, Vol.25, no 4, pp. 380-391.e5. | - | 10.1016/j.chembiol.2018.01.005 |
| 95 | Verma P., Tiwari M.,Tiwari V. Efflux pumps in multidrug-resistant Acinetobacter baumannii: Current status and challenges in the discovery of efflux pumps inhibitors. Microbial Pathogenesis, 2021, Vol.152, no. | - | 10.1016/j.micpath.2021.104766 |
| 96 | Waksman S.A. What is an Antibiotic or an Antibiotic Substance? Mycologia, 2018, Vol.39, no 5, pp. 565-569.  | - | 10.1080/00275514.1947.12017635 |
| 97 | Walch M., Dotiwala F., Mulik S., Thiery J., Kirchhausen T., Clayberger C., Krensky Alan M., Martinvalet D.,Lieberman J. Cytotoxic Cells Kill Intracellular Bacteria through Granulysin-Mediated Delivery of Granzymes. Cell, 2014, Vol.157, no 6, pp. 1309-1323. | - | 10.1016/j.cell.2014.03.062 |
| 98 | Waxman D.J.,Strominger J.L. Penicillin-Binding Proteins and the Mechanism of Action of Beta-Lactam Antibiotics. Annual Review of Biochemistry, 1983, Vol.52, no 1, pp. 825-869. | - | 10.1146/annurev.bi.52.070183.004141 |
| 99 | Wei Z., Zhang X., Yong T., Bie N., Zhan G., Li X., Liang Q., Li J., Yu J., Huang G., Yan Y., Zhang Z., Zhang B., Gan L., Huang B.,Yang X. Boosting anti-PD-1 therapy with metformin-loaded macrophage-derived microparticles. Nature Communications, 2021, Vol.12, no 1. | - | 10.1038/s41467-020-20723-x |
| 100 | Williams B.A., Law A.D., Routy B., denHollander N., Gupta V., Wang X.-H., Chaboureau A., Viswanathan S.,Keating A. A phase I trial of NK-92 cells for refractory hematological malignancies relapsing after autologous hematopoietic cell transplantation shows safety and evidence of efficacy. Oncotarget, 2017, Vol.8, no 51, pp. 89256-89268. | - | 10.18632/oncotarget.19204 |
| 101 | Wilson D.N., Schluenzen F., Harms J.M., Starosta A.L., Connell S.R.,Fucini P. The oxazolidinone antibiotics perturb the ribosomal peptidyl-transferase center and effect tRNA positioning. Proc Natl Acad Sci U S A, 2008, Vol.105, no 36, pp. 13339-44. | - | 10.1073/pnas.0804276105 |
| 102 | Wozniak A., Villagra N.A., Undabarrena A., Gallardo N., Keller N., Moraga M., Roman J.C., Mora G.C.,Garcia P. Porin alterations present in non-carbapenemase-producing Enterobacteriaceae with high and intermediate levels of carbapenem resistance in Chile. J Med Microbiol, 2012, Vol.61, no Pt 9, pp. 1270-1279. | - | 10.1099/jmm.0.045799-0 |
| 103 | Xiong Z., Zhu D., Wang F., Zhang Y., Okamoto R.,Inoue M. Investigation of extended-spectrum beta-lactamase in Klebsiellae pneumoniae and Escherichia coli from China. Diagn Microbiol Infect Dis, 2002, Vol.44, no 2, pp. 195-200.  | - | 10.1016/s0732-8893(02)00441-8 |
| 104 | Xu X., Weiss I.D., H. Zhang H., Singh S.P., Wynn T.A., Wilson M.S.,Farber J.M. Conventional NK Cells Can Produce IL-22 and Promote Host Defense in Klebsiella pneumoniae Pneumonia. The Journal of Immunology, 2014, Vol.192, no 4, pp. 1778-1786. | - | 10.4049/jimmunol.1300039 |
| 105 | Yan F., He S., Han X., Wang J., Tian X., Wang C., James T.D., Cui J., Ma X.,Feng L. High-throughput fluorescent screening of beta-lactamase inhibitors to improve antibiotic treatment strategies for tuberculosis. Biosens Bioelectron, 2022, Vol.216, no, pp. 114606. | - | 10.1016/j.bios.2022.114606 |
| 106 | Zárate S., De la Cruz Claure M., Benito-Arenas R., Revuelta J., Santana A.,Bastida A. Overcoming Aminoglycoside Enzymatic Resistance: Design of Novel Antibiotics and Inhibitors. Molecules, 2018, Vol.23, no 2. | - | 10.3390/molecules23020284  |
| 107 | Zhang F., Zhuang J., Li Z., Gong H., de Avila B.E., Duan Y., Zhang Q., Zhou J., Yin L., Karshalev E., Gao W., Nizet V., Fang R.H., Zhang L.,Wang J. Nanoparticle-modified microrobots for in vivo antibiotic delivery to treat acute bacterial pneumonia. Nat Mater, 2022, Vol.21, no 11, pp. 1324-1332. | - | 10.1038/s41563-022-01360-9 |
| 108 | Zhao H., Shao D., Jiang C., Shi J., Li Q., Huang Q., Rajoka M.S.R., Yang H.,Jin M. Biological activity of lipopeptides from Bacillus. Applied Microbiology and Biotechnology, 2017, Vol.101, no 15, pp. 5951-5960. | - | 10.1007/s00253-017-8396-0  |
| 109 | Zhao W.H.,Hu Z.Q. Epidemiology and genetics of CTX-M extended-spectrum beta-lactamases in Gram-negative bacteria. Crit Rev Microbiol, 2013, Vol.39, no 1, pp. 79-101. | - | 10.3109/1040841X.2012.691460 |