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# Works referenced

- [1] *Definition of PREVALENCE*. <https://www.merriam-webster.com/dictionary/prevalence>. Jan. 1970.
- [2] *Diccionari Enciclopèdic de Medicina (DEMCAT). Versió de Treball | TERMCAT*. <https://www.termcat.cat/ca/diccionaris-en-linia/183>. Jan. 1970.
- [3] *Google Colaboratory - Alpha Fold 2*. <https://colab.research.google.com/github/sokrypton/-/ColabFold/blob/main/AlphaFold2.ipynb#scrollTo=kOblAo-xetgx>. Jan. 1970.
- [4] *Immunology - YouTube*. <https://www.youtube.com/>. Jan. 1970.
- [5] *Interaction between Streptococcus Pneumoniae and Staphylococcus Aureus Generates ·OH Radicals That Rapidly Kill Staphylococcus Aureus Strains*. <https://journals.asm.org/doi/epub/10.1128/JB.00474-19>. Jan. 1970. DOI: [10.1128/JB.00474-19](https://doi.org/10.1128/JB.00474-19).
- [6] *Laboratory Notebook · Benchling*. <https://benchling.com/s/etr-sGhwNi3thI69pBb3Gw1g/edit?m=slm-1ZNe5iE4Txvx812cVgxw>. Jan. 1970.
- [7] *Microbiology/Infectious Diseases - YouTube*. <https://www.youtube.com/playlist?list=PLybg94GvOJ9HH55nc>. Jan. 1970.
- [8] *Promoting Biosecurity by Professionalizing Biosecurity*. [https://www.science.org/doi/epdf/10.1126/science.aba0376?adobe\\_mc=MCMID%3D34422769753108397802497074084661275174%7CM-CORGID%3D242B6472541199F70A4C98A6%2540AdobeOrg%7CTS%3D1639589098](https://www.science.org/doi/epdf/10.1126/science.aba0376?adobe_mc=MCMID%3D34422769753108397802497074084661275174%7CM-CORGID%3D242B6472541199F70A4C98A6%2540AdobeOrg%7CTS%3D1639589098). Jan. 1970. DOI: [10.1126/science.aba0376](https://doi.org/10.1126/science.aba0376).
- [9] *Staphylococcus Aureus Toxins | Elsevier Enhanced Reader*. <https://reader.elsevier.com/reader/sd/pii/S1369527413002191?token=A32ABB40B09CB72E7261B7B00541C8BF22151150B0A7472A8940E8ginRegion=eu-west-1&originCreation=20211215173133>. Jan. 1970. DOI: [10.1016/j.mib.2013.11.004](https://doi.org/10.1016/j.mib.2013.11.004).
- [10] *The Manga Guide to Biochemistry | Masaharu Takemura, Kikuyaro, Office Sawa | Download*. <https://u1lib.org/book/1257579/2c3385?dsource=recommend>. Jan. 1970.
- [11] *The Manga Guide to Molecular Biology | Masaharu Takemura, Sakura, Ltd. Becom Co. | Download*. <https://u1lib.org/book/999031/abb613?dsource=recommend>. Jan. 1970.
- [12] G. Verger, Ll Carbó and Fundació Dr Antoni Esteve. *Problemas que se plantean en el tratamiento de infecciones graves por S. Aureus* / [editores]: G. Verger, Ll. Carbó. Barcelona, 1986.
- [13] William M. O'Leary, ed. *Practical Handbook of Microbiology*. Boca Raton, Fla: CRC Press, 1989. ISBN: 978-0-8493-3704-8.
- [14] Alan J. Lacey, ed. *Light Microscopy in Biology: A Practical Approach*. 2. ed. The Practical Approach Series 195. Oxford: Oxford Univ. Press, 1999. ISBN: 978-0-19-963669-3 978-0-19-963670-9.

- [15] Anthony J. F. Griffiths, ed. *Modern Genetic Analysis*. 3rd print. New York, NY: W. H. Freeman, 2000. ISBN: 978-0-7167-3597-7 978-0-7167-3118-4 978-0-7167-3347-8.
- [16] Anna Claret i Coma. 'Resistència antibiòtica en les poblacions de lactobacils, estafilococs i entreococs aïllats de productes lleugerament fermentats.' Projecte/Treball de Final de Carrera. Girona: Universitat de Girona, May 2004.
- [17] David W. Mount. *Bioinformatics: Sequence and Genome Analysis*. 2nd ed. Cold Spring Harbor, N.Y: Cold Spring Harbor Laboratory Press, 2004. ISBN: 978-0-87969-687-0 978-0-87969-712-9.
- [18] Matthew J. Kuehnert et al. 'Prevalence of Staphylococcus Aureus Nasal Colonization in the United States, 2001-2002'. In: *The Journal of Infectious Diseases* 193.2 (Jan. 2006), pp. 172–179. ISSN: 0022-1899. DOI: [10/c8985p](https://doi.org/10.1093/infdis/jni085).
- [19] BAIRD-PARKER Agar (Staphylococcus Selective Agar Base Acc. to BAIRD-PARKER). [https://web.archive.org/web/20080501041929/http://www.emdchemicals.com/analytics/Micro\\_Manual/TEDIS-data/prods/1\\_05406\\_0500.html](https://web.archive.org/web/20080501041929/http://www.emdchemicals.com/analytics/Micro_Manual/TEDIS-data/prods/1_05406_0500.html). May 2008.
- [20] Dong Xu and Yang Zhang. 'Generating Triangulated Macromolecular Surfaces by Euclidean Distance Transform'. In: *PLoS ONE* 4.12 (Dec. 2009). Ed. by Markus J. Buehler, e8140. ISSN: 1932-6203. DOI: [10.1371/journal.pone.0008140](https://doi.org/10.1371/journal.pone.0008140).
- [21] *Dorlands Medical Dictionary:Disease*. [https://web.archive.org/web/20100411075617/http://www.mercksource.com/pp/us/cns/cns\\_hl\\_dorlands\\_split.jsp?pg=/ppdocs/us/common/dorlands/dorland/three/000030493.htm](https://web.archive.org/web/20100411075617/http://www.mercksource.com/pp/us/cns/cns_hl_dorlands_split.jsp?pg=/ppdocs/us/common/dorlands/dorland/three/000030493.htm). Apr. 2010.
- [22] Carlos Gamazo, Ramón Díaz and Ignacio López-Goñi. *Manual práctico de microbiología*. Barcelona: Elsevier Masson, 2010. ISBN: 978-84-458-1519-9.
- [23] *Global Warming*. <https://earthobservatory.nasa.gov/features/GlobalWarming/page2.php>. Text.Article. June 2010.
- [24] John T. Moore and Richard Langley. *Biochemistry for Dummies*. 2nd ed. –For Dummies. Hoboken, NJ: Wiley Pub, 2011. ISBN: 978-1-118-02174-3.
- [25] Gloria Inés Puerta Quintero. 'Fundamentos Del Proceso de Fermentación En El Beneficio Del Café'. In: *Avances técnicos Cenicafe* (2012). ISSN: 0120-0178.
- [26] Patrick R Murray, Ken S Rosenthal and Michael A Pfaller. *Microbiología médica*. Barcelona: Elsevier, 2013. ISBN: 978-84-9022-411-3.
- [27] James Baggs et al. 'Estimating National Trends in Inpatient Antibiotic Use Among US Hospitals From 2006 to 2012'. In: *JAMA Internal Medicine* 176.11 (Nov. 2016), pp. 1639–1648. ISSN: 2168-6106. DOI: [10/ggqsvf](https://doi.org/10.1001/jamaintern.2016.1639).
- [28] NASA's GMS. *GMS: Annual Global Temperature, 1880-2015*. <https://svs.gsfc.nasa.gov/12133>. Jan. 2016.

- [29] Cin Kong, Hui-min Neoh and Sheila Nathan. 'Targeting Staphylococcus Aureus Toxins: A Potential Form of Anti-Virulence Therapy'. In: *Toxins* 8.3 (Mar. 2016), E72. ISSN: 2072-6651. DOI: [10.3390/toxins8030072](https://doi.org/10.3390/toxins8030072).
- [30] Tzu-Sen Yang et al. 'Disinfection Effects of Undoped and Silver-Doped Ceria Powders of Nanometer Crystallite Size'. In: *International Journal of Nanomedicine* 11 (June 2016), p. 2531. DOI: [10/f8p99f](https://doi.org/10/f8p99f).
- [31] Professor Dave Explains. *Viruses: Molecular Hijackers*. Oct. 2017.
- [32] Xiaopeng Zhang, Xiaomei Hu and Xiancai Rao. 'Apoptosis Induced by Staphylococcus Aureus Toxins'. In: *Microbiological Research* 205 (Dec. 2017), pp. 19–24. ISSN: 1618-0623. DOI: [10.1016/j.micres.2017.08.006](https://doi.org/10.1016/j.micres.2017.08.006).
- [33] SAHIL BATRA. *Biochemical Tests for Staphylococcus Aureus | Bacteriology Notes*. <https://paramedicsworld.com/staphylococcus-aureus/biochemical-tests-staphylococcus-aureus/medical-paramedical-studynotes>. Sept. 2018.
- [34] SAHIL BATRA. *Biochemical Tests For Streptococcus Pneumoniae | Bacteriology Notes*. <https://paramedicsworld.com/streptococcus-pneumoniae-pneumococcus/biochemical-tests-for-streptococcus-pneumoniae/medical-paramedical-studynotes>. Sept. 2018.
- [35] TED. *How a Long-Forgotten Virus Could Help Us Solve the Antibiotics Crisis | Alexander Belcredi*. 2018.
- [36] Kaixiang Zhou et al. 'A Review on Nanosystems as an Effective Approach against Infections of Staphylococcus Aureus'. In: *International Journal of Nanomedicine* 13 (2018), pp. 7333–7347. ISSN: 1178-2013. DOI: [10.2147/IJN.S169935](https://doi.org/10.2147/IJN.S169935).
- [37] Shayla Hesse and Sankar Adhya. 'Phage Therapy in the Twenty-First Century: Facing the Decline of the Antibiotic Era; Is It Finally Time for the Age of the Phage?' In: *Annual Review of Microbiology* 73.1 (Sept. 2019), pp. 155–174. ISSN: 0066-4227, 1545-3251. DOI: [10.1146/annurev-micro-090817-062535](https://doi.org/10.1146/annurev-micro-090817-062535).
- [38] Dominik Hřebík et al. 'Structure and Genome Ejection Mechanism of Staphylococcus Aureus Phage P68'. In: *Science Advances* 5.10 (Oct. 2019), eaaw7414. ISSN: 2375-2548. DOI: [10.1126/sciadv.aaw7414](https://doi.org/10.1126/sciadv.aaw7414).
- [39] Dominik Hřebík et al. 'Structure and Genome Ejection Mechanism of Staphylococcus Aureus Phage P68'. In: *Science Advances* 5.10 (Oct. 2019), eaaw7414. ISSN: 2375-2548. DOI: [10/gm742z](https://doi.org/10/gm742z).
- [40] Aleksandra Petrovic Fabijan et al. 'Safety of Bacteriophage Therapy in Severe Staphylococcus Aureus Infection'. In: *Nature Microbiology* 5.3 (Mar. 2020), pp. 465–472. ISSN: 2058-5276. DOI: [10.1038/s41564-019-0634-z](https://doi.org/10.1038/s41564-019-0634-z).
- [41] *Staphylococcus Aureus in Healthcare Settings | HAI | CDC*. <https://www.cdc.gov/hai/organisms/staph.html>. Dec. 2020.

- [42] World Health Organization. *Laboratory Biosafety Manual*. 4th ed. Laboratory Biosafety Manual, Fourth Edition and Associated Monographs; Geneva: World Health Organization, 2020. Chap. The Portuguese version is published by PAHO: <https://iris.paho.org/handle/10665.2/54521>. ISBN: 978-92-4-001131-1.
- [43] 74 Asamblea Mundial de la Salud. *Mejora de la bioseguridad en los laboratorios*. Tech. rep. Ginebra: Organización Mundial de la Salud, 2021. Chap. 7 p.
- [44] 74 Assemblée mondiale de la Santé. *Renforcement de la sécurité biologique en laboratoire*. Tech. rep. Genève: Organisation mondiale de la Santé, 2021. Chap. 7 p.
- [45] Gordon Y. C. Cheung, Justin S. Bae and Michael Otto. 'Pathogenicity and Virulence of *Staphylococcus Aureus*'. In: *Virulence* 12.1 (Dec. 2021), pp. 547–569. ISSN: 2150-5608. DOI: [10.1080/21505594.2021.1878688](https://doi.org/10.1080/21505594.2021.1878688).
- [46] Public Health England. *MSSA Bacteraemia: Annual Data*. <https://www.gov.uk/government/statistics/mssa-bacteraemia-annual-data>. Sept. 2021.
- [47] John Jumper et al. 'Highly Accurate Protein Structure Prediction with AlphaFold'. In: *Nature* 596.7873 (2021), pp. 583–589. DOI: [10.1038/s41586-021-03819-2](https://doi.org/10.1038/s41586-021-03819-2).
- [48] Organisation mondiale de la Santé. *Renforcer la résilience du système de santé pour instaurer la couverture sanitaire universelle et la sécurité sanitaire pendant et après la COVID-19 : exposé de la position de l'OMS*. Tech. rep. Genève: Organisation mondiale de la Santé, 2021. Chap. xii, 39 p.
- [49] 74 World Health Assembly. *Enhancement of Laboratory Biosafety*. Tech. rep. Geneva: World Health Organization, 2021. Chap. 6 p.
- [50] World Health Organization. *Guidance Framework for Testing Genetically Modified Mosquitoes*. 2nd ed. Geneva: World Health Organization, 2021. Chap. xxvi, 165 p. ISBN: 978-92-4-002523-3.
- [51] World Health Organization = Organisation mondiale de la Santé. 'Case Report of Laboratory-Acquired Vaccinia Virus Infection in India Cas d'infection En Laboratoire Par Le Virus de La Vaccine En Inde'. In: *Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire* 96.05/06 (Feb. 2021), pp. 33–39.
- [52] World Health Organization = Organisation mondiale de la Santé. 'Weekly Epidemiological Record, 2020, Vol. 96, 05/06 [Full Issue]'. In: *Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire* 96.05/06 (Feb. 2021), pp. 33–44.
- [53] Anaïs Eskenazi et al. 'Combination of Pre-Adapted Bacteriophage Therapy and Antibiotics for Treatment of Fracture-Related Infection Due to Pandrug-Resistant *Klebsiella Pneumoniae*'. In: *Nature Communications* 13.1 (Dec. 2022), p. 302. ISSN: 2041-1723. DOI: [10.1038/s41467-021-27656-z](https://doi.org/10.1038/s41467-021-27656-z).
- [54] Fig. 2. *Effect of Temperature on the Growth of S. Aureus*. [https://www.researchgate.net/figure/Effect-of-temperature-on-the-growth-of-S-aureus\\_fig6\\_266137314](https://www.researchgate.net/figure/Effect-of-temperature-on-the-growth-of-S-aureus_fig6_266137314). Sept. 2022.



- [55] Organisation mondiale de la Santé. *Analyses en laboratoire pour la détection du virus de la variole du singe (orthopoxvirose simienne) : orientations provisoires*, 23 mai 2022. Tech. rep. Genève: Organisation mondiale de la Santé, 2022. Chap. 7 p.
- [56] Organización Mundial de la Salud. *Pruebas de laboratorio para el virus de la viruela símica: orientaciones provisionales*, 23 de mayo de 2022. Tech. rep. Ginebra: Organización Mundial de la Salud, 2022. Chap. 7 p.
- [57] Plasma Membrane (Cell Membrane). <https://www.genome.gov/genetics-glossary/Plasma-Membrane>. Sept. 2022.
- [58] Pol Roca Cugat. *Staphylococcus Aureus Sampling*. [dx.doi.org/10.17504/protocols.io.b3xiqpke](https://doi.org/10.17504/protocols.io.b3xiqpke). Protocol Library. Jan. 2022.
- [59] Pol Roca Cugat and Olga Sánchez. ‘Staphylococcus Aureus Sampling V10’. In: *protocols.io* 8 (Sept. 2022). DOI: [dx.doi.org/10.17504/protocols.io.81wgb6pk1lpk/v10](https://doi.org/10.17504/protocols.io.81wgb6pk1lpk/v10).
- [60] World Health Organization. *Global Guidance Framework for the Responsible Use of the Life Sciences: Mitigating Biorisks and Governing Dual-Use Research*. Geneva: World Health Organization, 2022. ISBN: 978-92-4-005610-7.
- [61] World Health Organization. *Joint External Evaluation Tool: International Health Regulations (2005)*. 3rd ed. Geneva: World Health Organization, 2022. Chap. v, 132 p. ISBN: 978-92-4-005198-0.
- [62] World Health Organization. *Laboratory Testing for the Monkeypox Virus: Interim Guidance*, 23 May 2022. Tech. rep. Geneva: World Health Organization, 2022. Chap. 6 p.
- [63] World Health Organization. Regional Office for South-East Asia. *Programme Budget Performance Assessment: 20202021*. Tech. rep. New Delhi: World Health Organization. Regional Office for South-East Asia, 2022.
- [64] *Staphylococcus Aureus Sampling*. <https://www.protocols.io/view/staphylococcus-aureus-sampling-b6v6re9e>.
- [65] *Definition of PREVALENCE*. <https://www.merriam-webster.com/dictionary/prevalence>. undefined.
- [66] *Diccionari Enciclopèdic de Medicina (DEMCAT). Versió de Treball | TERMCAT*. <https://www.termcat.cat/ca/diccionaris-en-linia/183>. -.
- [67] Google Colaboratory - Alpha Fold 2. <https://colab.research.google.com/github/sokrypton/-/ColabFold/blob/main/AlphaFold2.ipynb#scrollTo=kOblAo-xetgx>. -.
- [68] *Immunology* - YouTube. <https://www.youtube.com/>. multiple.
- [69] *Interaction between Streptococcus Pneumoniae and Staphylococcus Aureus Generates ·OH Radicals That Rapidly Kill Staphylococcus Aureus Strains*. <https://journals.asm.org/doi-e-pub/10.1128/JB.00474-19>. -. DOI: [10.1128/JB.00474-19](https://doi.org/10.1128/JB.00474-19).
- [70] *Microbiology/Infectious Diseases* - YouTube. <https://www.youtube.com/playlist?list=PLybg94GvOJ9HH55nq>. -.

- [71] Center for Food Safety and Applied Nutrition. 'BAM Chapter 12: Staphylococcus Aureus'. In: FDA (Wed, 05/13/2020 - 17:33).
- [72] *Promoting Biosecurity by Professionalizing Biosecurity*. [https://www.science.org/doi/epdf/10.1126/science.aba0376?adobe\\_mc=MCMID%3D34422769753108397802497074084661275174%7CM-CORGID%3D242B6472541199F70A4C98A6%2540AdobeOrg%7CTS%3D1639589098.](https://www.science.org/doi/epdf/10.1126/science.aba0376?adobe_mc=MCMID%3D34422769753108397802497074084661275174%7CM-CORGID%3D242B6472541199F70A4C98A6%2540AdobeOrg%7CTS%3D1639589098.) -. DOI: [10.1126/science.aba0376](https://doi.org/10.1126/science.aba0376).
- [73] *Staphylococcus Aureus Toxins | Elsevier Enhanced Reader*. <https://reader.elsevier.com/reader/sd/pii/S1369527413002191?token=A32ABB40B09CB72E7261B7B00541C8BF22151150B0A7472A8940E8ginRegion=eu-west-1&originCreation=20211215173133>. multiple. DOI: [10.1016/j.mib.2013.11.004](https://doi.org/10.1016/j.mib.2013.11.004).