



## INSTITUTO DE CIENCIAS MÉDICAS (I.C.M.)

El ICM se complace de compartir las 15 publicaciones científicas en revistas internacionales indexadas realizadas por nuestros investigadores este año 2023.

**¡Felicidades a nuestros investigadores!**

### PUBLICACIONES 2023

1. Landires, I., Castellero, I., Ramos, I., & Núñez-Samudio, V. (2023). Mining threatens health of Panama's environment. *SCIENCE*, 382(6674), 1007-1008. [DOI: 10.1126/science.adm7959](https://doi.org/10.1126/science.adm7959)
2. Mensah GA, Fuster V, Murray CJL, Roth GA; Global Burden of Cardiovascular Diseases and Risks Collaborators. Global Burden of Cardiovascular Diseases and Risks, 1990-2022. *J Am Coll Cardiol*. 2023;82(25):2350-2473. <https://doi.org/10.1016/j.jacc.2023.11.007>
3. Prevalence, years lived with disability, and trends in anaemia burden by severity and cause, 1990-2021: findings from the Global Burden of Disease Study 2021 [published correction appears in *Lancet Haematol*. 2023 Oct;10(10):e796] [published correction appears in *Lancet Haematol*. 2024 Jan;11(1):e10]. *Lancet Haematol*. 2023;10(9):e713-e734. doi: [https://doi.org/10.1016/S2352-3026\(23\)00160-6](https://doi.org/10.1016/S2352-3026(23)00160-6)
4. Gill, T. K., Mittinty, M. M., March, L. M., Steinmetz, J. D., Culbreth, G. T., Cross, M., ... & Vasankari, T. J. (2023). Global, regional, and national burden of other musculoskeletal disorders, 1990–2020, and projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021. *The Lancet Rheumatology*, 5(11), e670-e682. [https://doi.org/10.1016/S2665-9913\(23\)00232-1](https://doi.org/10.1016/S2665-9913(23)00232-1)
5. Moberg, M. E., Hamilton, E. B., Zeng, S. M., Bryazka, D., Zhao, J. T., Feldman, R., ... & Mubarik, S. (2023). Global, regional, and national mortality due to unintentional carbon



monoxide poisoning, 2000–2021: results from the Global Burden of Disease Study 2021. *The Lancet Public Health*, 8(11), e839-e849. [https://doi.org/10.1016/S2468-2667\(23\)00185-8](https://doi.org/10.1016/S2468-2667(23)00185-8)

6. Molina, M. A., Melchers, W. J., Núñez-Samudio, V., & Landires, I. (2023). The emerging role of *Lactobacillus acidophilus* in the cervicovaginal microenvironment. *The Lancet Microbe*. [https://doi.org/10.1016/S2666-5247\(23\)00315-4](https://doi.org/10.1016/S2666-5247(23)00315-4)
7. Núñez-Samudio, V., Herrera, M., Herrera, G., Pimentel-Peralta, G., & Landires, I. (2023). The Molecular Genetic Epidemiology and Antimicrobial Resistance of *Neisseria gonorrhoeae* Strains Obtained from Clinical Isolates in Central Panama. *Microorganisms*, 11(10), 2572. <https://doi.org/10.3390/microorganisms11102572>
8. Da Cunha, A. R., Compton, K., Xu, R., Mishra, R., Drangsholt, M. T., Antunes, J. L. F., ... & Tabari, M. A. K. (2023). The global, regional, and national burden of adult lip, oral, and pharyngeal cancer in 204 countries and territories: a systematic analysis for the global burden of disease study 2019. *JAMA oncology*, 9(10), 1401-1416. <https://jamanetwork.com/journals/jamaoncology/article-abstract/2809272>
9. Wunrow, H. Y., Bender, R. G., Vongpradith, A., Sirota, S. B., Swetschinski, L. R., Novotney, A., ... & Djalalinia, S. (2023). Global, regional, and national burden of meningitis and its aetiologies, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Neurology*, 22(8), 685-711. [https://doi.org/10.1016/S1474-4422\(23\)00195-3](https://doi.org/10.1016/S1474-4422(23)00195-3)
10. Thomson, A. M., McHugh, T. A., Oron, A. P., Teply, C., Lonberg, N., Tella, V. V., ... & Hay, S. I. (2023). Global, regional, and national prevalence and mortality burden of sickle cell disease, 2000–2021: a systematic analysis from the Global Burden of Disease Study 2021. *The Lancet Haematology*. [https://doi.org/10.1016/S2352-3026\(23\)00118-7](https://doi.org/10.1016/S2352-3026(23)00118-7)



11. Courville, K. J., Bustamante, N. E., Nuñez-Samudio, V., Pecchio, M., Landires, I., Viggiano, C., ... & Valdés, R. (2023). Vaccination and mortality from COVID-19: a comparative study between hemodialysis, peritoneal dialysis, and non-dialysis adult population in Panama. *International Urology and Nephrology*, 1-8. <https://link.springer.com/article/10.1007/s11255-023-03529-w>
12. Aguilar, G. R., Swetschinski, L. R., Weaver, N. D., Ikuta, K. S., Mestrovic, T., Gray, A. P., ... & Naghavi, M. (2023). The burden of antimicrobial resistance in the Americas in 2019: a cross-country systematic analysis. *The Lancet Regional Health–Americas*, 25. <https://doi.org/10.1016/j.lana.2023.100561>
13. Lazarus, J. V., Han, H., Mark, H. E., Alqahtani, S. A., Schattenberg, J. M., Soriano, J. B., ... & Perna, S. (2023). The global Fatty Liver Disease-Sustainable Development Goal country score for 195 countries and territories. *Hepatology*, 10-1097. [https://journals.lww.com/hep/fulltext/2023/09000/the\\_global\\_fatty\\_liver\\_disease\\_sustainable.21.aspx](https://journals.lww.com/hep/fulltext/2023/09000/the_global_fatty_liver_disease_sustainable.21.aspx)
14. Iribarne-Durán, L. M., Castellero-Rosales, I., Peinado, F. M., Artacho-Cordón, F., Molina-Molina, J. M., Medianero, E., Nicolás-Delgado, S. I., Sánchez P., L., Núñez-Samudio, V., Vela S., F., Olea, N. & Alvarado-González, N. E. (2023). Placental concentrations of xenoestrogenic organochlorine pesticides and polychlorinated biphenyls and assessment of their xenoestrogenicity in the PA-MAMI mother-child cohort. *Environmental Research*, 117622. <https://doi.org/10.1016/j.envres.2023.117622>
15. Núñez-Samudio, V., Arcos-Burgos, M., & Landires, I. (2023). Rare diseases: democratising genetic testing in LMICs. *The LANCET*, 401(10385), 1339-1340. [https://doi.org/10.1016/S0140-6736\(23\)00343-4](https://doi.org/10.1016/S0140-6736(23)00343-4)