



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

El ICM se complace en compartir las **28 publicaciones** científicas en revistas internacionales indexadas realizadas por nuestros investigadores este año 2024.

¡Felicitaciones para nuestros investigadores!

PUBLICACIONES 2024

1. Dias Gonçalves Lima, F., & Molina, M. A. (2024). Uncovering the HPV types causing cervical cancer. *Nature microbiology*, 9(11), 2795–2796. DOI: [10.1038/s41564-024-01835-2](https://doi.org/10.1038/s41564-024-01835-2)
2. Núñez-Samudio, V., Pimentel-Peralta, G., De La Cruz, A., & Landires, I. (2024). Multidrug-resistant phenotypes of genetically diverse *Escherichia coli* isolates from healthy domestic cats. *Scientific reports*, 14(1), 11260. DOI: [10.1038/s41598-024-62037-8](https://doi.org/10.1038/s41598-024-62037-8)
3. Landires I, Courville K, Pimentel-Peralta G, Cumbreira R, Bustamante N, Arcos-Burgos M, Núñez-Samudio V. Exome Analysis Points *APOE4* Haplotype as Major Risk to Develop Mesoamerican Nephropathy. *MedRxiv*, 2024, DOI: <https://doi.org/10.1101/2024.02.22.24303190>
4. Molina, M. A., Biswas, S., Núñez-Samudio, V., & Landires, I. (2024). Targeting *Megasphaera* species to promote cervicovaginal health. *Trends in microbiology*, 32(7), 628–630. DOI: [10.1016/j.tim.2024.04.015](https://doi.org/10.1016/j.tim.2024.04.015).
5. Courville K, Bustamante N. Overcoming the Hurdle: HLA Mismatch and Desensitization Therapy in Kidney Transplantation. *Advances in Kidney Transplantation*. IntechOpen; 2024. Available from: <http://dx.doi.org/10.5772/intechopen.1006522>
6. Wijewickrama E, Behera S, Garcia P, Avila-Casado C, Caplin B, Paolo VS, Courville K, Friedman D, Madero M, Jha V, Kambham N, Levin A, Anand S; International Society of Nephrology's International Consortium of Collaborators on CKDu. Kidney biopsies among persons living in hotspots of CKDu: a position statement from the International Society of Nephrology's Consortium of Collaborators on CKDu. *Kidney Int*. 2024 Mar;105(3):464-469. <https://doi.org/10.1016/j.kint.2023.12.012>.

Instituto de Ciencias Médicas (I.C.M.), Vía Las Tablas Abajo segunda intersección a mano izquierda, Las Tablas, Los Santos, Panamá. Tel: (+507) 967-8515 Cel: (+507) 6354-6826, email: info@institutodecienciasmedicas.org

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7. Global, regional, and national burden of disorders affecting the nervous system, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. GBD 2021 Nervous System Disorders Collaborators (2024). Global, regional, and national burden of disorders affecting the nervous system, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet Neurology*, 23(4), 344–381. DOI: [10.1016/S1474-4422\(24\)00038-3](https://doi.org/10.1016/S1474-4422(24)00038-3)
8. Global burden of bacterial antimicrobial resistance 1990-2021: a systematic analysis with forecasts to 2050. GBD 2021 Antimicrobial Resistance Collaborators (2024). Global burden of bacterial antimicrobial resistance 1990-2021: a systematic analysis with forecasts to 2050. *Lancet (London, England)*, 404(10459), 1199–1226 DOI: [10.1016/S0140-6736\(24\)01867-1](https://doi.org/10.1016/S0140-6736(24)01867-1)
9. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. GBD 2021 Diseases and Injuries Collaborators (2024). Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet* (London, England), 403(10440), 2133–2161. DOI: [10.1016/S0140-6736\(24\)00757-8](https://doi.org/10.1016/S0140-6736(24)00757-8)
10. Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. Bhattacharjee, Natalia V et al. *The Lancet*, Volume 403, Issue 10440, 2057 – 2099. DOI: [10.1016/S0140-6736\(24\)00550-6](https://doi.org/10.1016/S0140-6736(24)00550-6)
11. Ku F, Benavidez R, Villalaz C, Courville K. Técnica de colocación de catéteres para diálisis peritoneal en pacientes con enfermedad renal crónica avanzada. *Rev med caja seguro soc.*2023;43[1-3]:7-11. ISSN 0250-4871 43 <https://denadoi.css.gob.pa/wp-content/uploads/2024/12/REVISTA-MEDICA-VOL43.pdf>
12. Global pattern, trend, and cross-country inequality of early musculoskeletal disorders from 1990 to 2019, with projection from 2020 to 2050. GBD 2019 MSK in Adolescents Collaborators (2024). Global pattern, trend, and cross-country inequality of early musculoskeletal disorders from 1990 to 2019, with projection from 2020 to 2050. *Med* (New York, N.Y.), 5(8), 943–962.e6. DOI: [10.1016/j.medj.2024.04.009](https://doi.org/10.1016/j.medj.2024.04.009)

Instituto de Ciencias Médicas (I.C.M.), Vía Las Tablas Abajo segunda intersección a mano izquierda, Las Tablas, Los Santos, Panamá. Tel: (+507) 967-8515 Cel: (+507) 6354-6826, email: info@institutodecienciasmedicas.org

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13. Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. GBD 2021 Forecasting Collaborators (2024). Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021. *Lancet* (London, England), 403(10440), 2204–2256. DOI: [10.1016/S0140-6736\(24\)00685-8](https://doi.org/10.1016/S0140-6736(24)00685-8)
14. Courville K, Nuñez Samudio V, Bustamante N, Cumbreira R, Pecchio M, Pimentel G, et al. Prevalencia de anemia en pacientes con enfermedad renal crónica en estadio 4 y evaluación de eventos cardiovasculares. *Rev. Colomb. Nefrol.* 2024;11(2), e794. <https://doi.org/10.22265/acnef.11.2.794>
15. Iribarne-Durán, L. M., Castellero-Rosales, I., Peinado, F. M., Artacho-Cordón, F., Molina-Molina, J. M., Medianero, E., Nicolás-Delgado, S. I., Sánchez-Pinzón, L., Núñez-Samudio, V., Vela-Soria, F., Olea, N., & Alvarado-González, N. E. (2024). Placental concentrations of xenoestrogenic organochlorine pesticides and polychlorinated biphenyls and assessment of their xenoestrogenicity in the PA-MAMI mother-child cohort. *Environmental research*, 241, 117622. DOI: [10.1016/j.envres.2023.117622](https://doi.org/10.1016/j.envres.2023.117622)
16. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. GBD 2021 Risk Factors Collaborators (2024). Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. *Lancet* (London, England), 403(10440), 2162–2203. DOI: [10.1016/S0140-6736\(24\)00933-4](https://doi.org/10.1016/S0140-6736(24)00933-4)
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18. Pérez E; Higuera C, Diaz N, Bustamante N, Milord R, Courville K. Glomerulonefritis rápidamente progresiva pauci-inmune en una paciente con lupus eritematoso sistémico. *Rev med caja seguro soc.* 2023;43[1-3]:63-67. ISSN 0250-4871 <https://denadoi.css.gob.pa/wp-content/uploads/2024/12/REVISTA-MEDICA-VOL43.pdf>



19. Global, regional, and national burden of injuries, and burden attributable to injuries risk factors, 1990 to 2019: results from the Global Burden of Disease study 2019. GBD 2019 Injuries Collaborators (2024). Global, regional, and national burden of injuries, and burden attributable to injuries risk factors, 1990 to 2019: results from the Global Burden of Disease study 2019. *Public health*, 237, 212–231. DOI: [10.1016/j.puhe.2024.06.011](https://doi.org/10.1016/j.puhe.2024.06.011)
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22. Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease Study 2021. GBD 2021 Tuberculosis Collaborators (2024). Global, regional, and national age-specific progress towards the 2020 milestones of the WHO End TB Strategy: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet. Infectious diseases*, 24(7), 698–725. DOI: [10.1016/S1473-3099\(24\)00007-0](https://doi.org/10.1016/S1473-3099(24)00007-0)
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