



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

Los investigadores del Instituto de Ciencias Médicas estamos contentos de anunciar que durante el año 2021 hemos publicado 27 estudios científicos en revistas internacionales indexadas

1. Fernández-Marín, H., Bruner-Montero, G., Portugal-Loayza, A., Miranda, V., Villareal, A., Ortega-Barría, E., Núñez-Samudio, V., Landires, I., Mejía, L., López-Vergés, S., William T., W. & Rao, K., J. (2021). Dynamics of mask use as a prevention strategy against SARS-Cov-2 in Panama. *International Journal of Environmental Research and Public Health*, 18(24), 12982. <https://doi.org/10.3390/ijerph182412982>
2. GBD 2019 Adolescent Young Adult Cancer Collaborators. (2021). The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Oncology*. [https://doi.org/10.1016/S1470-2045\(21\)00581-7](https://doi.org/10.1016/S1470-2045(21)00581-7)
3. Safiri, S., Kolahi, A. A., Naghavi, M., & Global Burden of Disease Bladder Cancer Collaborators (2021). Global, regional and national burden of bladder cancer and its attributable risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease study 2019. *BMJ global health*, 6(11), e004128. <http://dx.doi.org/10.1136/bmjgh-2020-004128>
4. Aguillon, D., Vásquez, D., Madrigal, L., Moreno, S., Hernández, D., Isaza-Ruget, M., López, J.J., Landires, I., Núñez-Samudio, V., Restrepo, C.M., Vidal, O.M.,... & Arcos-Burgos, M. (2021). Ataxia with Ocular Apraxia Type 1 (AOA1) (APTX, W279* Mutation): Neurological, Neuropsychological, and Molecular Outlining of a Heterogenous Phenotype in Four Colombian Siblings. *Research square*. <https://doi.org/10.21203/rs.3.rs-1026107/v1>
5. Roberts, N., Johnson, E., Zeng, S., Hamilton, E., Abdoli, A., Alahdab, F., ... & Ong, K. (2021). Mortality from snakebite envenomation: an analysis from the Global Burden of Disease Study 2019. *Research square*. <https://doi.org/10.21203/rs.3.rs-1021472/v1>
6. Vega, S., Acosta, F., Landires, I., Morán, M., Gonzalez, J., Pimentel-Peralta, G., Núñez-Samudio, V. & Goodridge, A. (2021). Phenotypic and genotypic characteristics of carbapenemase-and extended spectrum β -lactamase-producing *Klebsiella pneumoniae ozaenae* clinical isolates within a hospital in Panama City. *Therapeutic advances in infectious disease*, 8, 1-8. <https://doi.org/10.1177/20499361211054918>



7. GBD 2019 Adolescent Mortality Collaborators. (2021). Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 398(10311), 1593-1618. [https://doi.org/10.1016/S0140-6736\(21\)01546-4](https://doi.org/10.1016/S0140-6736(21)01546-4)
8. Kinyoki, D., Osgood-Zimmerman, A. E., Bhattacharjee, N. V., Kassebaum, N. J., & Hay, S. I. (2021). Anemia prevalence in women of reproductive age in low-and middle-income countries between 2000 and 2018. *Nature medicine*, 27(10), 1761-1782. <https://doi.org/10.1038/s41591-021-01498-0>
9. GBD 2019 HIV Collaborators. (2021). Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. *The Lancet HIV*, 8(10), e633-e651. [https://doi.org/10.1016/S2352-3018\(21\)00152-1](https://doi.org/10.1016/S2352-3018(21)00152-1)
10. GBD 2019 Tuberculosis Collaborators. (2021). Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990–2019: results from the Global Burden of Disease Study 2019. *The Lancet Infectious Diseases*. [https://doi.org/10.1016/S1473-3099\(21\)00449-7](https://doi.org/10.1016/S1473-3099(21)00449-7)
11. GBD 2019 Under-5 Mortality Collaborators. (2021). Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. *The Lancet*, 398(10303), 870-905. [https://doi.org/10.1016/S0140-6736\(21\)01207-1](https://doi.org/10.1016/S0140-6736(21)01207-1)
12. GBD 2019 Respiratory Tract Cancers Collaborators. (2021). Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Respiratory Medicine*, 9(9), 1030-1049. [https://doi.org/10.1016/S2213-2600\(21\)00164-8](https://doi.org/10.1016/S2213-2600(21)00164-8)
13. GBD 2019 Dementia Collaborators. (2021). Use of multidimensional item response theory methods for dementia prevalence prediction: an example using the Health and Retirement Survey and the Aging, Demographics, and Memory Study. *BMC Med Inform Decis Mak*, 21, 241. <https://doi.org/10.1186/s12911-021-01590-y>
14. GBD 2019 Collaborators. (2021). Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. *Alzheimer's &*



- Dementia: Translational Research & Clinical Interventions*, 7(1), e12200. <https://doi.org/10.1002/trc2.12200>
15. Núñez-Samudio, V., Pecchio, M., Pimentel-Peralta, G., Quintero, Y., Herrera, M., & Landires, I. (2021). Molecular epidemiology of *Escherichia coli* clinical isolates from Central Panama. *Antibiotics*, 10(8), 899. <https://doi.org/10.3390/antibiotics10080899>
 16. GBD 2020, Release 1, Vaccine Coverage Collaborators. (2021). Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. *The Lancet*, 398(10299), 503-521. [https://doi.org/10.1016/S0140-6736\(21\)00984-3](https://doi.org/10.1016/S0140-6736(21)00984-3)
 17. GBD 2019 Dementia Collaborators. (2021). The Burden of Dementia due to Down Syndrome, Parkinson's Disease, Stroke, and Traumatic Brain Injury: A Systematic Analysis for the Global Burden of Disease Study 2019. *Neuroepidemiology*, 55(4), 286-296. <https://doi.org/10.1159/000515393>
 18. Bhattacharjee, N.V., Schaeffer, L.E., Hay, S.I. & Local Burden of Disease Exclusive Breastfeeding Collaborators. (2021). Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018. *Nat Hum Behav*, 5, 1027–1045. <https://doi.org/10.1038/s41562-021-01108-6>
 19. Local Burden of Disease HIV Collaborators. (2021). Subnational mapping of HIV incidence and mortality among individuals aged 15–49 years in sub-Saharan Africa, 2000–18: a modelling study. *The Lancet HIV*, 8(6), e363-e375. [https://doi.org/10.1016/S2352-3018\(21\)00051-5](https://doi.org/10.1016/S2352-3018(21)00051-5)
 20. GBD 2019 Chewing Tobacco Collaborators. (2021). Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet Public Health*, 6(7), E482-E499. [https://doi.org/10.1016/S2468-2667\(21\)00065-7](https://doi.org/10.1016/S2468-2667(21)00065-7)
 21. GBD 2019 Tobacco Collaborators. (2021). Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet*, 397(10292), 2337-2360. [https://doi.org/10.1016/S0140-6736\(21\)01169-7](https://doi.org/10.1016/S0140-6736(21)01169-7)



22. Núñez-Samudio, V., Meza, M., & Landires, I. (2021). Dengue and hantavirus coinfection with good outcomes: a clinical case from Panama. *BMJ Case Reports CP*, 14(5), e235779. <http://dx.doi.org/10.1136/bcr-2020-235779>
23. Courville, K., Núñez-Samudio, V., & Landires, I. (2021). Síndrome de Alport: una actualización en fisiopatología, genética, diagnóstico y tratamiento. *Revista de Nefrología, Diálisis y Trasplante*, 41(1), 62-71. <http://www.revistarenal.org.ar/index.php/rndt/article/view/619>
24. GBD 2019 Hearing Loss Collaborators. (2021). Hearing loss prevalence and years lived with disability, 1990–2019: findings from the Global Burden of Disease Study 2019. *The Lancet*, 397(10278), 996-1009. [https://doi.org/10.1016/S0140-6736\(21\)00516-X](https://doi.org/10.1016/S0140-6736(21)00516-X)
25. Núñez-Samudio, V., & Landires, I. (2021). Epidemiology of viral respiratory infections in a pediatric reference hospital in Central Panama. *BMC Infectious Diseases*, 21(1), 1-7. <https://doi.org/10.1186/s12879-020-05720-1>
26. Local Burden of Disease HIV Collaborators. (2021). Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. *BMC Med*, 19, 4 <https://doi.org/10.1186/s12916-020-01876-4>
27. GBD 2019 Blindness and Vision Impairment Collaborators; Vision Loss Expert Group of the Global Burden of Disease Study. (2021). Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: the Right to Sight: an analysis for the Global Burden of Disease Study [published correction appears in *Lancet Glob Health*. 2021 Apr; 9(4): e408]. *Lancet Glob Health*, 9(2), e144-e160. [https://doi.org/10.1016/S2214-109X\(20\)30489-7](https://doi.org/10.1016/S2214-109X(20)30489-7)