



Instituto de Ciencias Médicas, ICM, publica 22 estudios científicos en revistas internacionales indexadas en 2025. Felicitamos a sus investigadores por este logro que consolida al ICM como uno de los principales centros de investigación en Panamá con la mayor producción científica por 5 años consecutivos desde el 2021.

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Investigadores del ICM miembros del Sistema Nacional de Investigación, SNI de Panamá:

Iván Landires, MD, MSc, PhD, investigador distinguido SNI: Índice h de 50

Karen Courville, MD, FACP, investigadora nacional SNI: Índice h de 13

Virginia Núñez-Samudio, investigadora distinguida SNI: Índice h de 40

Felicitaciones a nuestros investigadores miembros del SNI por haber mostrado pasión, liderazgo y disciplina científica ejemplares durante su carrera científica lo que ya ha convertido al ICM como el centro de investigación con el mayor número de publicaciones científicas en revistas indexadas por investigador en Panamá.

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Article

Unusual Profile of Germline Genetic Variants in Unselected Colorectal Cancer Patients from a High-Prevalence Region in Panama

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Abstract

JOURNAL ARTICLE ACCEPTED MANUSCRIPT

Multidrug-Resistant Phenotypes and Resistance Gene Profiles of *Escherichia coli* Isolated from Healthy Calves in Panama

Virginia Núñez-Samudio, Raúl Cumbra, Iván Landires

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Global, regional, and national burden of chronic kidney disease in adults, 1990–2023, and its attributable risk factors: a systematic analysis for the Global Burden of Disease Study 2023

GBD 2023 Chronic Kidney Disease Collaborators*

Summary
Background: Chronic kidney disease (CKD) is common and ranks among the leading causes of mortality and morbidity. This analysis aimed to present global CKD estimates using the Global Burden of Diseases, Injuries, and Risk Factors Study (GBD) 2023 to inform evidence-based policies for CKD identification and treatment.

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Article | Published: 22 April 2025

Global, regional and national burden of dietary iron deficiency from 1990 to 2021: a Global Burden of Disease study

Soeul Lee, Yejun Seo, Jiyoun Hwang, Min Seo Kim, GBD 2021 Dietary Iron Deficiency Collaborators, Jee Il Shin, Dong Keon Yoo & Nicholas J. Kassebaum

Nature Medicine 31, 1809–1829 (2025) | [Cite this article](#)

Brief Communication

An APOE ε4–Uric Acid Axis Underpins Mesoamerican Nephropathy

Iván Landires, Karen Courville, Raúl Cumbra, Norman Bustamante, and 5 more

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Characterising acute and chronic care needs: insights from the Global Burden of Disease Study 2019

GBD 2019 Acute and Chronic Care Collaborators

Nature Communications 16, Article number: 4235 (2025) | [Cite this article](#)

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Cefepime-Induced Neurotoxicity in an Elderly Patient: A Case Report

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The global epidemiology and health burden of the autism spectrum: findings from the Global Burden of Disease Study 2021

Global Burden of Disease 2021 Autism Spectrum Collaborators*

Summary
Background: High-quality estimates of the epidemiology of the autism spectrum and the health needs of autistic people are essential for service planning and resource allocation. Here, we present the global prevalence and health burden of autism spectrum disorder from the Global Burden of Diseases, Injuries, and Risk Factors Study (GBD) 2021, following improvements to the operationalized data and burden estimation methods.



Estudios Científicos publicados durante 2025 por los investigadores ICM:

1. Landires, I., Pinto, J., Cumbreira, R., Nieto, A., Pimentel-Peralta, G., Alfaro, Y., & Núñez-Samudio, V. (2025). Unusual Profile of Germline Genetic Variants in Unselected Colorectal Cancer Patients from a High-Prevalence Region in Panama. *Genes*, 16(8), 890. <https://doi.org/10.3390/genes16080890>
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3. GBD 2021 Low Bone Mineral Density Collaborators (2025). The global, regional, and national burden attributable to low bone mineral density, 1990-2020: an analysis of a modifiable risk factor from the Global Burden of Disease Study 2021. *The Lancet. Rheumatology*, 7(12), e873–e894. [https://doi.org/10.1016/S2665-9913\(25\)00105-5](https://doi.org/10.1016/S2665-9913(25)00105-5)
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