

**CURRICULUM VITAE**  
**IVAN LANDIRES MD, MSC, PhD**

**DATOS GENERALES:**

**Estado civil:** Casado

**Fecha de nacimiento:** 19 de enero de 1971

**Cédula:** PE-8-2199

**Nacionalidad:** Panameña

<https://orcid.org/0000-0001-6323-1170>

<https://scholar.google.com/citations?user=IOXf904AAAAJ&hl=en>

<https://pubmed.ncbi.nlm.nih.gov/?term=Landires+i.&sort=date>

<https://www.institutodecienciasmedicas.org>

**Correos electrónicos:**

[ilandires@institutodecienciasmedicas.org](mailto:ilandires@institutodecienciasmedicas.org)

[ivanlandires@yahoo.es](mailto:ivanlandires@yahoo.es)

**Educación:**

**2001 Médico y cirujano.**

Universidad del Cauca, Colombia.

**1999 Internship.** Immunogenetics Unit, Dana Farber Cancer Institute .  
**Harvard Medical School, Boston, USA.**

**2002 Internship.** Molecular Biology and Evolution Laboratory.  
**Smithsonian Tropical Research Institute. Panamá.**

**2003 - 2004. Médico Interno** Hospital Santo Tomas, Panama.

**2004-2005. Médico Interno** Hospital Cecilio Castellero, Herrera, Panama.

**2006-2007. Maestría.** Universidad Paris Diderot – Paris 7. France.

**Genómica**

**2007-2008. Maestría en Genética. Especialidad en Genética Humana**  
Universidad Paris 11. Francia.

**2008-2011. PhD. Doctorado** en Institut Pasteur y Universidad de Paris 7

**2013-2016. Especialidad maestría en ciencias clínicas en Pediatría.** Universidad de Panamá

## **DISTINCIONES:**

1. Ganador Primer Lugar Concurso Nacional de Oratoria Caja de Ahorros 1985, representando al Colegio José Daniel Crespo y a la provincia de Herrera
2. Miembro fundador Instituto de Ciencias Médicas, Azuero, Panamá
3. Investigador del Sistema Nacional de Investigación de la Senacyt desde 2012
4. Comisionado Mesa de Salud del Pacto del Bicentenario 2021
5. Experto del Comité de Enfermedades Genéticas y Raras de la Organización Mundial de la Salud, OMS.

## **PUBLICACIONES MEDICAS Y CIENTIFICAS INDEXADAS EN**

### **Web of Science, Journal Citations Reports y/o Scopus**

1. 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  $\beta$ -lactamase-producing *Klebsiella pneumoniae ozaenae* clinical isolates within a hospital in Panama City. *Therapeutic advances in infectious disease*, 8, 20499361211054918.
2. 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. *Lancet (London, England)*, 398(10311), 1593–1618.
3. 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*, S1470-2045(21)00581-7. Advance online publication.
4. 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.
5. Kinyoki D, Osgood-Zimmerman AE, Bhattacharjee NV; Local Burden of Disease Anaemia Collaborators, Kassebaum NJ, Hay SI. Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. *Nat Med*. 2021;27(10):1761-1782. doi:10.1038/s41591-021-01498-0
6. Núñez-Samudio V, Pecchio M, Pimentel-Peralta G, Quintero Y, Herrera M, **Landires I.** Molecular Epidemiology of *Escherichia coli* Clinical Isolates from Central Panama. *Antibiotics (Basel)*. 2021;10(8):899. Published 2021 Jul 23.

doi:10.3390/antibiotics10080899.

7. GBD 2019 Under-5 Mortality Collaborators. 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. *Lancet*. 2021;398(10303):870-905. doi:10.1016/S0140-6736(21)01207-1
8. GBD 2019 Respiratory Tract Cancers Collaborators. 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. *Lancet Respir Med*. 2021;9(9):1030-1049. doi:10.1016/S2213-2600(21)00164-8
9. Núñez-Samudio V, Meza M, **Landires I**. Dengue and hantavirus coinfection with good outcomes: a clinical case from Panama. *BMJ Case Rep*. 2021;14(5):e235779. Published 2021 May 19. doi:10.1136/bcr-2020-235779
10. GBD 2019 Dementia Collaborators. 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*. 2021;21(1):241. Published 2021 Aug 11. doi:10.1186/s12911-021-01590-y
11. Courville K, Núñez-Samudio V, **Landires I**. Alport syndrome: update in pathophysiology, genetics, diagnosis, and treatment. *Rev Nefrol Dial Traspl*. [Internet]. 2021Mar.25 [cited 2021Sep.19];41(1):62-1. Available from: <https://www.revistarenal.org.ar/index.php/rndt/article/view/619>
12. GBD 2020, Release 1, Vaccine Coverage Collaborators. 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. *Lancet*. 2021;398(10299):503-521. doi:10.1016/S0140-6736(21)00984-3
13. Local Burden of Disease HIV Collaborators. Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a modelling study. *Lancet HIV*. 2021;8(6):e363-e375. doi:10.1016/S2352-3018(21)00051-5
14. Bhattacharjee NV, Schaeffer LE, Hay SI; Local Burden of Disease Exclusive Breastfeeding Collaborators. Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000-2018. *Nat Hum Behav*. 2021;5(8):1027-1045. doi:10.1038/s41562-021-01108-6
15. Núñez-Samudio V, **Landires I**. Epidemiology of viral respiratory infections in a pediatric reference hospital in Central Panama. *BMC Infect Dis*. 2021;21(1):43. Published 2021 Jan 9. doi:10.1186/s12879-020-05720-1
16. GBD 2019 Chewing Tobacco Collaborators. 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 [published correction appears in *Lancet Public Health*. 2021 Jul;6(7):e449]. *Lancet Public Health*. 2021;6(7):e482-e499. doi:10.1016/S2468-2667(21)00065-7

17. GBD 2019 Tobacco Collaborators. 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 [published correction appears in *Lancet*. 2021 Jun 19;397(10292):2336]. *Lancet*. 2021;397(10292):2337-2360. doi:10.1016/S0140-6736(21)01169-7
18. 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* 2021;55:286-296. doi: 10.1159/000515393
19. GBD 2019 Hearing Loss Collaborators. Hearing loss prevalence and years lived with disability, 1990-2019: findings from the Global Burden of Disease Study 2019. *Lancet*. 2021;397(10278):996-1009. doi:10.1016/S0140-6736(21)00516-X
20. GBD 2019 Blindness and Vision Impairment Collaborators; Vision Loss Expert Group of the Global Burden of Disease Study. 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*. 2021;9(2):e144-e160. doi:10.1016/S2214-109X(20)30489-7
21. Local Burden of Disease HIV Collaborators. Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. *BMC Med* **19**, 4 (2021). <https://doi.org/10.1186/s12916-020-01876-4>
22. Núñez-Samudio V, Mayorga-Marín F, López Castillo H, **Landires I**. Epidemiological Characteristics of Road Traffic Injuries Involving Children in Three Central American Countries, 2012-2015. *Int J Environ Res Public Health*. 2020;18(1):37. Published 2020 Dec 23. doi:10.3390/ijerph18010037
23. GBD 2019 Risk Factors Collaborators. Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2020;396(10258):1223-1249. doi:10.1016/S0140-6736(20)30752-2
24. GBD 2019 Diseases and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019 [published correction appears in *Lancet*. 2020 Nov 14;396(10262):1562]. *Lancet*. 2020;396(10258):1204-1222. doi:10.1016/S0140-6736(20)30925-9
25. GBD 2019 Viewpoint Collaborators. Five insights from the Global Burden of Disease Study 2019. *Lancet*. 2020;396(10258):1135-1159. doi:10.1016/S0140-6736(20)31404-5
26. Núñez-Samudio V, Jiménez-Domínguez A, López Castillo H, **Landires I**. Epidemiologic Characteristics of Suicide in Panama, 2007-2016. *Medicina (Kaunas)*. 2020;56(9):442. Published 2020 Aug 31. doi:10.3390/medicina56090442
27. GBD 2019 Universal Health Coverage Collaborators. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and

- territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2020;396(10258):1250-1284. doi:10.1016/S0140-6736(20)30750-9
28. GBD 2019 Collaborators. Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. *Alzheimer's Dement*. 2021; 7:e12200. <https://doi.org/10.1002/trc2.12200>
29. Núñez-Samudio V, **Landires I**. Public policies based on scientific evidence: child road safety. Políticas públicas basadas en evidencia científica: el caso de la seguridad vial infantil. *Arch Argent Pediatr*. 2020;118(3):e252-e257. doi:10.5546/aap.2020.eng.e252
30. **Landires I**, Núñez-Samudio V, Fernandez J, et al. Calpainopathy: Description of a Novel Mutation and Clinical Presentation with Early Severe Contractures. *Genes (Basel)*. 2020;11(2):129. Published 2020 Jan 25. doi:10.3390/genes11020129
31. **Landires I**, Nuñez-Samudio V, Apraez-Ippolito G, Castro G. Planetary health: a new sociopolitical framework is urgently needed. *Lancet*. 2018;391(10126):1158. doi:10.1016/S0140-6736(18)30685-8
32. **Landires I**, Núñez-Samudio V. Epigenetics, memory, and inheritance. *Neurologia (Engl Ed)*. 2019;34(2):138-139. doi:10.1016/j.nrl.2017.03.002
33. Nuñez-Samudio V, Jaramillo-Morales J, **Landires I**. Prevalence and characteristics of child victims in motor vehicle collisions in Panama. *Traffic Inj Prev*. 2016;17(4):391-393. doi:10.1080/15389588.2015.1092524
34. Núñez-Samudio V, Montenegro E, **Landires I**. Combatting dengue fever with the help of the student population: a community impact strategy. *Aten Primaria*. 2013;45(7):393-394. doi:10.1016/j.aprim.2013.01.004
35. Bugault F, Benati D, Mouthon L, **Landires I**, et al. Altered responses to homeostatic cytokines in patients with idiopathic CD4 lymphocytopenia. *PLoS One*. 2013;8(1):e55570. doi:10.1371/journal.pone.0055570
36. **Landires I**. The post-Darwinist concept of species: a place for Lamarck?. *Lancet*. 2010;375(9717):806. doi:10.1016/S0140-6736(10)60346-7
37. **Landires I**, Bugault F, Lambotte O, et al. HIV infection perturbs interleukin-7 signaling at the step of STAT5 nuclear relocalization. *AIDS*. 2011;25(15):1843-1853. doi:10.1097/QAD.0b013e32834a3678
38. **Landires I**, Núñez-Samudio V, Thèze J. Short communication: nuclear JAK3 and its involvement in CD4 activation in HIV-infected patients. *AIDS Res Hum Retroviruses*. 2013;29(5):784-787. doi:10.1089/aid.2012.0249
39. Juffroy O, Bugault F, Lambotte O, **Landires I**, et al. Dual mechanism of impairment of interleukin-7 (IL-7) responses in human immunodeficiency virus infection: decreased IL-7 binding and abnormal activation of the JAK/STAT5 pathway. *J Virol*. 2010;84(1):96-108. doi:10.1128/JVI.01475-09

40. Núñez-Samudio V, **Landires I**. Ekiri syndrome complicating shigellosis. *Enferm Infecc Microbiol Clin*. 2007;25(7):492-493. doi:10.1157/13108716
41. **Landires I**, Pascale JM, Motta J. The position of the mutation within the LMNA gene determines the type and extent of tissue involvement in laminopathies. *Clin Genet*. 2007;71(6):592-596. doi:10.1111/j.1399-0004.2007.00772.x
42. **Landires I**. Nuevas soluciones diagnosticas para descartar meningitis tuberculosa [New diagnostic solutions to rule out tuberculous meningitis]. *Rev Neurol*. 2009;48(3):167.
43. **Landires I**, Núñez-Samudio V, Landires E. Development of extrapulmonary tuberculosis. *Arch Bronconeumol*. 2007;43(2):129. doi:10.1016/s1579-2129(07)60034-2
44. **Landires I**, Núñez-Samudio V. Genetics and metabolic syndrome: a further opportunity for conducting integrated health interventions. *Aten Primaria*. 2007;39(1):52. doi:10.1016/s0212-6567(07)70837-5
45. Núñez-Samudio V, **Landires I**. Children against dengue. *An Pediatr (Barc)*. 2007;66(1):89. doi:10.1016/s1695-4033(07)70302-8
46. **Landires I**, Núñez-Samudio V, Pascale JM. Adjunctive therapy in tuberculous meningitis and human immunodeficiency virus coinfection. *Enferm Infecc Microbiol Clin*. 2006;24(8):538. doi:10.1157/13092478
47. Baena A, Leung JY, Sullivan AD, **Landires I**, et al. TNF-alpha promoter single nucleotide polymorphisms are markers of human ancestry. *Genes Immun*. 2002;3(8):482-487. doi:10.1038/sj.gene.636389

