



**Daniel
Enriquez-Vera,
MD, MSc, PhD**

Clinician-Scientist (Medical
Oncologist)



Skills

R 5+ yrs.

Python 3+ yrs.

Bash/Linux 1+ yrs.

Education

04/2022 - 03/2026

Ph.D. in Virology-Immunology

Kagoshima University

Thesis: Mechanisms of T-cell dysfunction during HTLV-1 to ATLL progression

07/2019 - 07/2021

Master in Oncology

Summary

I am a **clinician-scientist** specializing in cancer immunology and lymphoid hematologic malignancies with a focus on global health equity. My clinical training targeted neglected T-cell malignancies affecting vulnerable populations, including HTLV-1-associated ATLL, EBV-driven lymphomas, and CTCL. Through my PhD training in retroviral infections at Kagoshima University, Japan, I developed expertise in **cancer genomics, immunology, and molecular techniques**.

Experience

Attending Physician - Medical Oncologist

Peruvian National Cancer Institute (INEN)

2018-07 to 2021-09

Leukemia/Lymphoma service coordinator, biobank for hematological malignancies, T-cell lymphoma and Acute Lymphoblastic Leukemia initiatives.

Primary Care Physician

Essalud - Primary Care Center Ucupe

2012-05 to 2013-05

National Rural Social Service

Projects

- T-cell Lymphoma Project in LATAM.
- Thesis: Comparative Analysis of Immune and Genomic Profiles in HTLV-1-Associated ATLL: Indigenous Latin American vs. Japanese Cohorts

Oral Presentations

- Genomic diversity of HTLV-1 in South America. International HTLV conference (London, UK) - 2024.
- Japanese HTLV-1 Society Annual Conference (Tokyo, Japan) - 2024.

Publications

Peer-Reviewed Articles

Estrada-Grossmann, J. M. et al. (Apr. 19, 2025). "Risk Factors for Malignant Progression to Adult-T-cell Leukemia/Lymphoma in HTLV-1 Carriers: A Systematic Review of Cohort and Case-Control Studies". In: *Clinical Lymphoma Myeloma and Leukemia*. DOI: 10.1016/j.clml.2025.04.013.

Malpica, L., H. Idrobo, et al. (Apr. 1, 2025). "Epidemiology, clinical features, and outcomes of peripheral T-cell lymphoma in Latin America: an international, retrospective, cohort study". In: *The Lancet Haematology* 12.4. Publisher: Elsevier, e258–e268. DOI: 10.1016/S2352-3026(25)00011-0.

Briercheck, E. et al. (2024). "Geographic EBV variants confound disease-specific variant interpretation and predict variable immune therapy responses". In: *Blood Advances* 8.14, pp. 3731–3744. DOI: 10.1182/bloodadvances.2023012461.

Bustamante, E. et al. (2024). "Brain Metastasis in Triple-Negative Breast Cancer". In: *Breast Journal* 2024. DOI: 10.1155/2024/8816102.

Universidad Privada Cayetano Heredia

Thesis: Molecular and phenotypical characteristics of ATL-HTLV-1 in a Peruvian cohort

07/2017 - 07/2018

Clinical research fellowship in Hematology/Oncology

Peruvian National Cancer Institute (INEN)

07/2013 - 06/2017

Medical Oncology Residency

Universidad Privada Cayetano Heredia (UPCH)

03/2005 - 03/2012

Medical Doctor (MD)

Universidad Nacional Pedro Ruiz Gallo (UNPRG)

Contact

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Awards

04/2024

Advanced Clinical Research Institute - LATAM

American Society of Hematology - Bogotá, Colombia

- Castro-Uriol, D. et al. (Apr. 2024). "Real-World Outcomes of Adolescents and Young Adults with Diffuse Large B-Cell Lymphoma: A Multicenter Retrospective Cohort Study". In: *Journal of Adolescent and Young Adult Oncology* 13.2, pp. 323–330. DOI: 10.1089/jayao.2023.0095.
- Chávez-Alvarado, S. et al. (Dec. 30, 2024). "Edad como predictor de la severidad de la COVID-19 en pacientes pediátricos: una cohorte retrospectiva en un hospital de referencia del Perú". In: *ACTA MEDICA PERUANA* 41.3, pp. 158–166. DOI: 10.35663/amp.2024.413.3063.
- Chiba, N. et al. (Oct. 30, 2024). "Succinic semialdehyde derived from the gut microbiota can promote the proliferation of adult T-cell leukemia/lymphoma cells". In: *Heliyon* 10.20. Publisher: Elsevier. DOI: 10.1016/j.heliyon.2024.e38507.
- Castro-Uriol, D. et al. (Oct. 16, 2023). "Real-World Outcomes of Adolescents and Young Adults with Diffuse Large B-Cell Lymphoma: A Multicenter Retrospective Cohort Study". In: *Journal of Adolescent and Young Adult Oncology*. DOI: 10.1089/jayao.2023.0095.
- Nakahata, S. et al. (Oct. 2023). "Understanding the Immunopathology of HTLV-1-Associated Adult T-Cell Leukemia/Lymphoma: A Comprehensive Review". In: *Biomolecules* 13.10. Number: 10 Publisher: Multidisciplinary Digital Publishing Institute, p. 1543. DOI: 10.3390/biom13101543.
- Valcarcel, B., D. Enriquez-Vera, et al. (Mar. 2023). "Epidemiological Features and Outcomes of HTLV-1 Carriers Diagnosed With Cancer: A Retrospective Cohort Study in an Endemic Country". In: *JCO global oncology* 9, e2200369. DOI: 10.1200/GO.22.00369.
- Valcarcel, B., J. S. Torres-Roman, D. Enriquez-Vera, et al. (Oct. 17, 2023). "Clinical Features and Outcomes of Triple-Negative Breast Cancer Among Latin American Adolescents and Young Adults Compared to Middle-Aged and Elder Females: A Cohort Analysis Over 15 Years". In: *Journal of Adolescent and Young Adult Oncology*. Publisher: Mary Ann Liebert, Inc., publishers 140 Huguenot Street, 3rd Floor New Rochelle, NY 10801 USA. DOI: 10.1089/jayao.2022.0075.
- Valcarcel, B., J. S. Torres-Roman, D. Enriquez, et al. (Oct. 2023). "Temporal Variation of Treatment Patterns and Survival Outcomes of Triple-Negative Breast Cancer Patients: A Real-World Experience From 2000 to 2014". In: *Clinical Breast Cancer* 23.7, 737–745.e5. DOI: 10.1016/j.clbc.2023.07.003.
- Valcarcel-Valdivia, B. et al. (Nov. 9, 2023). "Treatment outcomes of patients with classic and AIDS-related Kaposi Sarcoma: a single-center real-world experience". In: *Clinical and Experimental Medicine*. DOI: 10.1007/s10238-023-01246-3.
- Aguilar, A. et al. (2022). "Impact of Targeted Therapy on the Survival of Patients With Advanced-Stage Non-small Cell Lung Cancer in Oncosalud - AUNA". In: *Cancer Control: Journal of the Moffitt Cancer Center* 29, p. 10732748211068637. DOI: 10.1177/10732748211068637.
- Gómez-De León, A. et al. (Dec. 2022). "Venetoclax-based combinations for acute myeloid leukemia: optimizing their use in Latin-America". In: *Hematology (Amsterdam, Netherlands)* 27.1, pp. 249–257. DOI: 10.1080/16078454.2021.2024940.
- Al-Kassab-Córdova, A. et al. (Apr. 2022). "Rural and urban disparities in anemia among Peruvian children aged 6-59 months: a multivariate decomposition and spatial analysis". In: *Rural and Remote Health* 22.2, p. 6936. DOI: 10.22605/RRH6936.
- Malpica, L., D. Castro, et al. (Feb. 2022). "An international, multicenter, retrospective study on the positive impact of cutaneous involvement on the clinical outcome of adult T-cell leukemia/lymphoma". In: *Leukemia & Lymphoma* 63.2, pp. 315–325. DOI: 10.1080/10428194.2021.1984455.
- Mundy-Bosse, B. L. et al. (Mar. 1, 2022). "Identification and Targeting of the Developmental Blockade in Extranodal Natural Killer/T-cell Lymphoma". In: *Blood Cancer Discovery* 3.2, pp. 154–169. DOI: 10.1158/2643-3230.BCD-21-0098.
- Valcarcel, B., G. S. Ampuero, et al. (Apr. 2022). "Outcomes of HTLV-1 Carriers with Diffuse Large B-Cell Lymphoma: A Single-Center Retrospective Matched Cohort Study". In: *Clinical Lymphoma, Myeloma & Leukemia* 22.4, pp. 251–259. DOI: 10.1016/j.clml.2021.09.017.
- Vidaurre, T. et al. (July 2022). "Excess mortality in patients with cancer during the COVID-19 pandemic in Peru: an analysis of death registry data". In: *The Lancet Oncology* 23, S28. DOI: 10.1016/S1470-2045(22)00427-2.
- Zavala, V. A. et al. (Aug. 2, 2022). "Association between Ancestry-Specific 6q25 Variants and Breast Cancer Subtypes in Peruvian Women". In: *Cancer Epidemiology, Biomarkers & Prevention: A Publication of the American Association for Cancer Research, Cosponsored by the American Society of Preventive Oncology* 31.8, pp. 1602–1609. DOI: 10.1158/1055-9965.EPI-22-0069.

04/2020 - 04/2022

Certificate of Competence in Lymphoma

European School of Oncology -
Ulm University

10/2021 - 06/2026

SGD Leaders PhD Scholarship

Japanese Agency of International
Cooperation - JICA

02/2020 - 04/2020

**Global Hematology Fellowship -
British Haematology Society**

University College of London

01/2020

**Sakura Science Exchange Pro-
gram**

Miyazaki University

07/2018 - 08/2018

**Global Fellowship of the In-
ternational Chronic Myeloid
Leukemia Foundation**

City of Hope - Los Angeles, USA

04/2018

**Clinical Research Institute -
LATAM**

American Society of Hematology -
Rio de Janeiro, Brazil

12/2017

**ASH Annual Meeting - Abstract
Achievement Award**

American Society of Hematology -
Chicago, USA

- Alcarraz, C. et al. (2021). "Management of oncohematological neoplasms in the COVID-19 pandemic: Experts recommendation". In: *Anales de la Facultad de Medicina* 82.2, pp. 161–168. DOI: 10.15381/anales.v82i2.18838.
- Malpica, L., D. J. Enriquez, et al. (July 2021). "Real-World Data on Adult T-Cell Leukemia/Lymphoma in Latin America: A Study From the Grupo de Estudio Latinoamericano de Linfoproliferativos". In: *JCO global oncology* 7, pp. 1151–1166. DOI: 10.1200/GO.21.00084.
- Rioja, P. et al. (Oct. 24, 2021). "Gastric myeloid sarcoma: A case report". In: *World Journal of Clinical Oncology* 12.10, pp. 960–965. DOI: 10.5306/wjco.v12.i10.960.
- Valcarcel, B., G. De-la-Cruz-Ku, et al. (2021). "Clinical features and outcome of *Aeromonas sobria* bacteremia in pediatric and adult patients with hematologic malignancies: A single-center retrospective study in Peru". In: *PloS One* 16.8, e0255910. DOI: 10.1371/journal.pone.0255910.
- Cruz-Ku, G. de la et al. (2020). "Neutrophil-to-lymphocyte ratio predicts early mortality in females with metastatic triple-negative breast cancer". In: *PloS One* 15.12, e0243447. DOI: 10.1371/journal.pone.0243447.
- De la Cruz-Ku, G. A. et al. (Sept. 2020). "Lymph node ratio as best prognostic factor in triple-negative breast cancer patients with residual disease after neoadjuvant chemotherapy". In: *The Breast Journal* 26.9, pp. 1659–1666. DOI: 10.1111/tbj.13988.
- De-la-Cruz-Ku, G., M. Luyo, et al. (2020). "Triple-negative breast cancer in Peru: 2000 patients and 15 years of experience". In: *PloS One* 15.8, e0237811. DOI: 10.1371/journal.pone.0237811.
- De-la-Cruz-Ku, G., B. Valcarcel, et al. (2020). "Breast-conserving surgery vs. total mastectomy in patients with triple negative breast cancer in early stages: A propensity score analysis". In: *Breast Disease* 39.1, pp. 29–35. DOI: 10.3233/BD-190391.
- Lachira-Yparraguirre, L. et al. (2020). "Cardiac amyloidosis secondary to waldenström macroglobulinemia". In: *Revista Cubana de Hematología, Inmunología y Hemoterapia* 36.3, pp. 1–11.

12/2017 - 12/2017

Global Observership Program

MD Anderson Cancer Center -
Houston, USA

04/2017 - 05/2017

Global Training Program

Memorial Sloan Kettering Cancer
Center - NYC, USA