Stanford

Hector Rodrigo Mendez

Postdoctoral Scholar, Cardiovascular Medicine

Bio

BIO

Dr. Hector Rodrigo Mendez is a Medical Geneticist from Argentina. Rodrigo completed a residency program in Medical Genetics at Centro Nacional de Genetica Medica – ANLIS (Buenos Aires, Argentina) and a Master's program in Medical Molecular Biology at Buenos Aires University.

Rodrigo continued his scientific career at a German Genomic Start-up, working as a human geneticist and providing his experience in rare disorders, genomic data (WGS/WES/gene panels) analysis, variant interpretation, and its integration with a deep focus on genotype-phenotype correlation.

Rodrigo's areas of expertise are rare disorders, NGS technology, Whole Genome Sequencing analysis, and ACMG interpretation guidelines, and his research aims are:

- Collection and analysis of clinical data through deep-learning phenotyping approaches.
- Multi-omic data integration to elucidate complex and rare genetic disorders.
- International collaborations to break down barriers to research participation amongst those who have been under-represented.

At Stanford University, under the supervision of Dr. Matthew Wheeler, he is conducting his postdoctoral research studies to achieve his scientific goals.

HONORS AND AWARDS

- The Milagros para Niños Observership Scholarship Award in Genetics, Boston Children´s Hospital – Harvard Medical School (2019)
- The International School on Inherited Ataxias: from genetics to clinics Scholarship Award, IBRO (International Brain Research Organization) (2019)
- The 13th International Congress of Inborn Errors of Metabolism Young Delegate Scholarship Award 2017, Latin American Society of Inborn Errors of Metabolism and Neonatal Screening. (2017)

STANFORD ADVISORS

- Matthew Wheeler, Postdoctoral Faculty Sponsor

LINKS

- My Linkedin Profile: https://www.linkedin.com/in/rmendezgen/

Publications

PUBLICATIONS

- **Genetic Analysis Algorithm for the Study of Patients with Multiple Congenital Anomalies and Isolated Congenital Heart Disease.** *Genes*

Delea, M., Massara, L. S., Espeche, L. D., Bidondo, M. P., Barbero, P., Oliveri, J., Brun, P., Fabro, M., Galain, M., Fernández, C. S., Taboas, M., Bruque, C. D., Kolomenski, et al

2022; 13 (7)

- **Oculocutaneous albinism type 1B associated with a functionally significant tyrosinase gene polymorphism detected with Whole Exome Sequencing.** *Ophthalmic genetics*

  Mendez, R., Iqbal, S., Vishnopolska, S., Martinez, C., Dibner, G., Aliano, R., Zaiat, J., Biagioli, G., Fernandez, C., Turjanski, A., Campbell, A. J., Mercado, G., Marti, et al

  2021; 42 (3): 291-295

- **A novel pathogenic frameshift variant of KAT6B identified by clinical exome sequencing in a newborn with the Say-Barber-Biesecker-Young-Simpson syndrome.** *Clinical dysmorphology*

  Mendez, R., Delea, M., Dain, L., Rittler, M.

  2020; 29 (1): 42-45