



## Michelle M. Miranda Vélez

Postdoctoral Scholar, Pathology

### Bio

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#### BIO

Michelle Miranda (she/her) is a postdoctoral scholar in the Dodd Lab in the Pathology Department. Her research interest lies in bridging science and medicine by implementing core chemistry to study and improve human health.

#### HONORS AND AWARDS

- Propel Postdoctoral Scholars Program, Stanford (2023)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Florida International University , Chemistry (2022)
- Master of Science, Florida International University , Organic Chemistry (2020)
- Bachelor of Science, University of Tampa , Forensic Chemistry (2015)

#### STANFORD ADVISORS

- Dylan Dodd, Postdoctoral Faculty Sponsor

#### PATENTS

- Joong Ho Moon, Michelle Miranda-Vélez. "United States Patent 11,857,521 B1 Anti-mycobacterial drugs", Jan 2, 2024

#### LINKS

- Dodd Lab: <https://www.doddlab.org/>

### Publications

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#### PUBLICATIONS

- **Proton Motive Force-Disrupting Antimycobacterial Guanylurea Polymer** *BIOMACROMOLECULES*  
Miranda-Velez, M., Sarker, G., Ramisetty, P., Geden, S., Halicki, P., Annamalai, T., Tse-Dinh, Y., Rohde, K. H., Moon, J.  
2022; 23 (11): 4668-4677