



Julio Fierro Morales

Postdoctoral Scholar, Biochemistry

Bio

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee for Postdocs and Students (COMPASS) Co-Chair, American Society for Cell Biology (2025 - present)

PROFESSIONAL EDUCATION

- PhD, University of Utah , Biochemistry (2025)
- AB, Harvard College , Molecular and Cellular Biology (2017)

STANFORD ADVISORS

- Florentine Rutaganira, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Florentine Rutaganira (8/11/2025)

Publications

PUBLICATIONS

- **Differential PaxillinB dynamics at Dictyostelium cell-substrate adhesions.** *Biology open*
Fierro Morales, J. C., Roh-Johnson, M.
2025; 14 (10)
- **Reduced cell-substrate adhesion formation promotes cell migration in Dictyostelium.** *Molecular biology of the cell*
Fierro Morales, J. C., A Nguyen, T., Nepal, S., Redfearn, C., Gale, B. K., Titus, M. A., Roh-Johnson, M.
2025; 36 (8): ar98
- **An evolutionary and physiological perspective on cell-substrate adhesion machinery for cell migration.** *Frontiers in cell and developmental biology*
Fierro Morales, J. C., Xue, Q., Roh-Johnson, M.
2022; 10: 943606
- **A dominant negative ADIPOQ mutation in a diabetic family with renal disease, hypoadiponectinemia, and hyperceramidemia.** *NPJ genomic medicine*
Simeone, C. A., Wilkerson, J. L., Poss, A. M., Banks, J. A., Varre, J. V., Guevara, J. L., Hernandez, E. J., Gorski, B., Atkinson, D. L., Turapov, T., Frodsham, S. G., Morales, J. C., O'Neil, et al
2022; 7 (1): 43
- **Targeted Next-Generation Sequencing Identifies Pathogenic Variants in Diabetic Kidney Disease.** *American journal of nephrology*

Lazaro-Guevara, J., Fierro-Morales, J., Wright, A. H., Gunville, R., Simeone, C., Frodsham, S. G., Pezzolesi, M. H., Zaffino, C. A., Al-Rabadi, L., Ramkumar, N., Pezzolesi, M. G.
2021; 52 (3): 239-249