Stanford



Jewel Banik

Postdoctoral Scholar, Developmental Biology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Unlisted School (2023)
- Bachelor of Science, North South University (2018)
- Doctor of Philosophy, University of Arkansas for Medical Sciences (2023)

STANFORD ADVISORS

- Lauren Goins, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Helen Blau, Blau lab (9/1/2023)

Publications

PUBLICATIONS

- **The Musashi RNA binding proteins direct the translational activation of key pituitary mRNAs.** *Scientific reports*
  Banik, J., Moreira, A. R., Lim, J., Tomlinson, S., Hardy, L. L., Lagasse, A., Haney, A., Crimmins, M. R., Boehm, U., Odle, A. K., MacNicol, M. C., Childs, G. V., MacNicol, et al
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- **Anterior Pituitary Transcriptomics Following a High-Fat Diet: Impact of Oxidative Stress on Cell Metabolism.** *Endocrinology*
  Miles, T. K., Odle, A. K., Byrum, S. D., Lagasse, A., Haney, A., Ortega, V. G., Bolen, C. R., Banik, J., Reddick, M. M., Herdman, A., MacNicol, M. C., MacNicol, A. M., Childs, et al
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- **Musashi Exerts Control of Gonadotrope Target mRNA Translation During the Mouse Estrous Cycle.** *Endocrinology*
  Moreira, A. R., Lim, J., Urbaniak, A., Banik, J., Bronson, K., Lagasse, A., Hardy, L., Haney, A., Allensworth, M., Miles, T. K., Gies, A., Byrum, S. D., Wilczynska, et al
  2023; 164 (9)

- **Control of the Anterior Pituitary Cell Lineage Regulator POU1F1 by the Stem Cell Determinant Musashi.** *Endocrinology*
  Allensworth-James, M., Banik, J., Odle, A., Hardy, L., Lagasse, A., Moreira, A. R., Bird, J., Thomas, C. L., Avaritt, N., Kharas, M. G., Lengner, C. J., Byrum, S. D., MacNicol, et al
  2021; 162 (3)

- **Activation of GPR35 protects against cerebral ischemia by recruiting monocyte-derived macrophages.** *Scientific reports*
  Sharmin, O., Abir, A. H., Potol, A., Alam, M., Banik, J., Rahman, A. F., Tarannum, N., Wadud, R., Habib, Z. F., Rahman, M.
  2020; 10 (1): 9400