

## Jacob Fyda

Ph.D. Student in Genetics, admitted Autumn 2025

### Publications

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#### PUBLICATIONS

- **Evolution of pinniped UCP1 is not linked to aquatic life but to neonatal thermogenesis and body size.** *Proceedings of the National Academy of Sciences of the United States of America*  
Gaudry, M. J., Fyda, T. J., Jastroch, M.  
2022; 119 (6)
- **Disruption of thermogenic *UCP1* predated the divergence of pigs and peccaries** *JOURNAL OF EXPERIMENTAL BIOLOGY*  
Fyda, T., Spencer, C., Jastroch, M., Gaudry, M. J.  
2020; 223 (15)
- **Microfluidics-enabled acceleration of Fenton oxidation for degradation of organic dyes with rod-like zero-valent iron nanoassemblies.** *Journal of colloid and interface science*  
Hao, N., Nie, Y., Xu, Z., Jin, C., Fyda, T. J., Zhang, J. X.  
2020; 559: 254-262