Stanford

Zhainib A. Amir

Ph.D. Student in Biology, admitted Autumn 2020

Bio

BIO

I received my B.S. in Microbiology, and M.S. in Cell and Molecular Biology from San Francisco State University. Currently, I am a Biology Ph.D. student with an emphasis in Cell, Molecular and Organismal Biology at Stanford University. I am interested in a range of topics, from cell biology to cancer immunology, however, my research interests lie primarily in understanding the cellular mechanisms at play in genetic and autoimmune diseases.

INSTITUTE AFFILIATIONS

• Member (Student), Cardiovascular Institute

EDUCATION AND CERTIFICATIONS

- M.S., San Francisco State University, Cell and Molecular Biology (2018)
- B.S., San Francisco State University, Microbiology (2016)

Publications

PUBLICATIONS

 Endocardium-to-coronary artery differentiation during heart development and regeneration involves sequential roles of Bmp2 and Cxcl12/ Cxcr4. Developmental cell

D'Amato, G., Phansalkar, R., Naftaly, J. A., Fan, X., Amir, Z. A., Rios Coronado, P. E., Cowley, D. O., Quinn, K. E., Sharma, B., Caron, K. M., Vigilante, A., Red-Horse, K.

2022

• Blood flow modeling reveals improved collateral artery performance during the regenerative period in mammalian hearts. *Nature cardiovascular research* Anbazhakan, S., Rios Coronado, P. E., Sy-Quia, A. N., Seow, L. W., Hands, A. M., Zhao, M., Dong, M. L., Pfaller, M. R., Amir, Z. A., Raftrey, B. C., Cook, C. K., D'Amato, G., Fan, et al

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