

# Stanford

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## Xiaochen Fan

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### Bio

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#### STANFORD ADVISORS

- Kristy Red-Horse, Postdoctoral Faculty Sponsor

### Publications

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#### 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  
2022; 1 (8): 775-790
- **Dach1 Extends Artery Networks and Protects Against Cardiac Injury.** *Circulation research*  
Raftrey, B., Williams, I. M., Rios Coronado, P. E., Fan, X., Chang, A. H., Zhao, M., Roth, R. K., Trimm, E., Racelis, R., D'Amato, G., Phansalkar, R., Nguyen, A., Chai, et al  
2021