

# Stanford

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## Nadjet Belbachir

Instructor, Cardiovascular Institute

### Bio

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#### ACADEMIC APPOINTMENTS

- Instructor, Cardiovascular Institute

### Publications

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#### PUBLICATIONS

- **Generation of two induced pluripotent stem cell lines from catecholaminergic polymorphic ventricular tachycardia patients carrying RYR2 mutations.** *Stem cell research*  
Kong, X., Belbachir, N., Zeng, W., Yan, C. D., Navada, S., Perez, M. V., Wu, J. C.  
2023; 69: 103111
- **High-Throughput Analysis of Drug Safety Responses in Induced Pluripotent Stem Cell-Derived Cardiomyocytes Using Multielectrode Array.** *Methods in molecular biology (Clifton, N.J.)*  
Belbachir, N., Cunningham, N., Wu, J. C.  
2022; 2485: 99-109
- **Generation of human induced pluripotent stem cell lines from four unrelated healthy control donors carrying European genetic background.** *Stem cell research*  
Girardeau, A., Atticus, D., Canac, R., Cimarosti, B., Caillaud, A., Chariau, C., Simonet, F., Cariou, B., Charpentier, F., Gourraud, J., Probst, V., Belbachir, N., Jesel, et al  
1800; 59: 102647
- **Generation of two induced pluripotent stem cell lines from Brugada syndrome affected patients carrying SCN5A mutations.** *Stem cell research*  
Belbachir, N., Lai, C., Rhee, J., Zhuge, Y., Perez, M. V., Sallam, K., Wu, J. C.  
2021; 57: 102605
- **Endocardial/endothelial angiocrines regulate cardiomyocyte development and maturation and induce features of ventricular non-compaction.** *European heart journal*  
Rhee, S., Paik, D. T., Yang, J. Y., Nagelberg, D., Williams, I., Tian, L., Roth, R., Chandy, M., Ban, J., Belbachir, N., Kim, S., Zhang, H., Phansalkar, et al  
2021
- **Modeling Secondary Iron Overload Cardiomyopathy with Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes.** *Cell reports*  
Rhee, J. W., Yi, H. n., Thomas, D. n., Lam, C. K., Belbachir, N. n., Tian, L. n., Qin, X. n., Malisa, J. n., Lau, E. n., Paik, D. T., Kim, Y. n., Choi, B. S., Sayed, et al  
2020; 32 (2): 107886
- **Levitating Cells to Sort the Fit and the Fat.** *Advanced biosystems*  
Puluca, N. n., Durmus, N. G., Lee, S. n., Belbachir, N. n., Galdos, F. X., O gut, M. G., Gupta, R. n., Hirano, K. I., Krane, M. n., Lange, R. n., Wu, J. C., Wu, S. M., Demirci, et al  
2020: e1900300
- **Effects of Cryopreservation on Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Assessing Drug Safety Response Profiles.** *Stem cell reports*  
Zhang, J. Z., Belbachir, N. n., Zhang, T. n., Liu, Y. n., Shrestha, R. n., Wu, J. C.  
2020
- **Identifying the Transcriptome Signature of Calcium Channel Blocker in Human iPSC-Derived Cardiomyocytes**  
Lam, C., Tian Lei, Belbachir, N., Wnorowski, A., Shrestha, R., Ma Ning, Kitani, T., Rhee, J. W., Wu, J. C.

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LIPPINCOTT WILLIAMS & WILKINS.2019

• **Identifying the Transcriptome Signatures of Calcium Channel Blockers in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes** *CIRCULATION RESEARCH*

Lam, C., Tian, L., Belbachir, N., Wnorowski, A., Shrestha, R., Ma, N., Kitani, T., Rhee, J., Wu, J. C.  
2019; 125 (2): 212–22

• **RRAD mutation causes electrical and cytoskeletal defects in cardiomyocytes derived from a familial case of Brugada syndrome.** *European heart journal*  
Belbachir, N., Portero, V., Al Sayed, Z. R., Gourraud, J., Dilasser, F., Jesel, L., Guo, H., Wu, H., Gaborit, N., Guilluy, C., Girardeau, A., Bonnaud, S., Simonet, et al  
2019

• **Identifying the Transcriptome Signatures of Calcium Channel Blockers in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes.** *Circulation research*

Lam, C. K., Tian, L. n., Belbachir, N. n., Shrestha, R. n., Ma, N. n., Kitani, T. n., Rhee, J. W., Wnorowski, A. n., Wu, J. C.  
2019