

Stanford



João Pinho Monteiro

Postdoctoral Scholar, Cardiovascular Medicine

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, University Of Aberdeen (2013)
- Master of Science, University Of Glasgow (2016)
- Doctor of Philosophy, University Of Edinburgh (2020)
- Ph.D., University of Edinburgh , Cardiovascular Science
- M.Sc. (MedSci), University Of Glasgow , Cardiovascular Sciences
- B.Sc., University Of Aberdeen , Physiology

STANFORD ADVISORS

- Thomas Quertermous, Postdoctoral Faculty Sponsor
- Thomas Quertermous, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Extracellular vesicles from differentiated stem cells contain novel proangiogenic miRNAs and induce angiogenic responses at low doses.** *Molecular therapy : the journal of the American Society of Gene Therapy*
Kesidou, D., Bennett, M., Monteiro, J. P., McCracken, I. R., Klimi, E., Rodor, J., Condie, A., Cowan, S., Caporali, A., Wit, J. B., Mountford, J. C., Brittan, M., Beqqali, et al
2023
- **Discovery of Transacting Long Noncoding RNAs That Regulate Smooth Muscle Cell Phenotype.** *Circulation research*
Shi, H., Nguyen, T., Zhao, Q., Cheng, P., Sharma, D., Kim, H. J., Brian Kim, J., Wirka, R., Weldy, C. S., Monteiro, J. P., Quertermous, T.
2023
- **Molecular mechanisms of coronary artery disease risk at the PDGFD locus.** *Nature communications*
Kim, H., Cheng, P., Travisano, S., Weldy, C., Monteiro, J. P., Kundu, R., Nguyen, T., Sharma, D., Shi, H., Lin, Y., Liu, B., Haldar, S., Jackson, et al
2023; 14 (1): 847
- **Molecular mechanisms of coronary artery disease risk at the PDGFD locus.** *bioRxiv : the preprint server for biology*
Kim, H., Cheng, P., Travisano, S., Weldy, C., Monteiro, J. O., Kundu, R., Nguyen, T., Sharma, D., Shi, H., Lin, Y., Liu, B., Haldar, S., Jackson, et al
2023
- **From novel discovery tools and biomarkers to precision medicine - basic cardiovascular science highlights of 2021/2022.** *Cardiovascular research*
Evans, P. C., Davidson, S. M., Wojta, J., Back, M., Bollini, S., Brittan, M., Catapano, A. L., Chaudhry, B., Cluitmans, M., Gneccchi, M., Guzik, T. J., Hofer, I., Madonna, et al
2022

- **Single-cell RNA-seq profiling of mouse endothelial cells in response to pulmonary arterial hypertension.** *Cardiovascular research*
Rodor, J., Chen, S., Scanlon, J. P., Monteiro, J. P., Caudrillier, A., Sweta, S., Stewart, K. R., Shmakova, A., Dobie, R., Henderson, B. E., Stewart, K., Hadoke, P. W., Southwood, et al
2021
- **MIR503HG Loss Promotes Endothelial-to-Mesenchymal Transition in Vascular Disease.** *Circulation research*
Monteiro, J. P., Rodor, J., Caudrillier, A., Scanlon, J. P., Spiroski, A., Dudnakova, T., Pfluger-Muller, B., Shmakova, A., von Kriegsheim, A., Deng, L., Taylor, R. S., Wilson-Kanamori, J. R., Chen, et al
2021
- **Endothelial function and dysfunction in the cardiovascular system: the long non-coding road** *CARDIOVASCULAR RESEARCH*
Monteiro, J. P., Bennett, M., Rodor, J., Caudrillier, A., Ulitsky, I., Baker, A. H.
2019; 115 (12): 1692-1704
- **Loss of the Long Non-Coding RNA MIR503HG Promotes Endothelial-to-Mesenchymal Transition**
Caudrillier, A., Monteiro, J., Rodor, J., Shmakova, A., Baker, A. H.
KARGER.2019: 100-101