Towards Personalized Medicine: Using cardiomyocytes differentiated from urine-derived pluripotent stem cells to recapitulate electrophysiological characteristics of LQT2 syndrome. Jouni M, Si-Tayeb K, Es-Salah-Lamoureux Z, Latypova X, Champon B, Caillaud A, Rungoat A, Charpentier F, Loussouarn G, Baró I, Zibara K, Lemarchand P, Gaborit N. Journal of the American Heart Association 2015;4:e002159. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4599503/>

*Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors. Takahashi K, Yamanaka SCell. 2006 ;126(4):663-76.*

[*https://www.ncbi.nlm.nih.gov/pubmed/16904174*](https://www.ncbi.nlm.nih.gov/pubmed/16904174)

*Intramyocardial delivery of mesenchymal stem cell-seeded hydrogel preserves cardiac function and attenuates ventricular remodeling after myocardial infarction. Mathieu E, Lamirault G, Toquet C, Lhommet P, Rederstorff E, Sourice S, Biteau K, Hulin P, Forest V, Weiss P, Guicheux J, Lemarchand P. PlosOne 2012; 7(12): e51991.*

[*http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0051991&type=printable*](http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0051991&type=printable)

Intracoronary autologous mononucleated bone marrow cell infusion for acute myocardial infarction:  results of the randomized multicenter BONAMI Trial. Roncalli J, Mouquet F, Piot C, Trochu JN, Le Corvoisier P, Neuder Y, Le Tourneau T, Agostini D, Gaxotte V, Sportouch C, Galinier M, Crochet D, Teiger E, Richard MJ, Polge AS, Beregi JP, Manrique A, Carrie D, Susen S, Klein B, Parini A, Lamirault G, Croisille P, Rouard H, Bourin P, Nguyen JM, Delasalle B, Vanzetto G, Van Belle E, Lemarchand P. European Heart Journal 2011; 32(14): 1748-1757. [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3386167/](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3386167/" \t "_blank)

*HIV-Tat induces a decrease in IKr and IKs via reduction in phosphatidylinositol-(4,5)-bisphosphate availability. Es-Salah-Lamoureux Z, Jouni M, Malak OA, Belbachir N, Reda Al Sayed Z, Gandon-Renard M, Lamirault G, Gauthier C, Baró I, Charpentier F, Zibara K, Lemarchand P, Beaumelle B, Gaborit N, Loussouarn G. Journal of Molecular and Cellular Cardiology 2016; 99:1-13.* [*https://hal.archives-ouvertes.fr/inserm-01360585*](https://hal.archives-ouvertes.fr/inserm-01360585)

*Personal omics profiling reveals dynamic molecular and medical phenotypes. Chen R, Mias GI, Li-Pook-Than J, Jiang L, Lam HY, Chen R, Miriami E, Karczewski KJ, Hariharan M, Dewey FE, Cheng Y, Clark MJ, Im H, Habegger L, Balasubramanian S, O'Huallachain M, Dudley JT, Hillenmeyer S, Haraksingh R, Sharon D, Euskirchen G, Lacroute P, Bettinger K, Boyle AP, Kasowski M, Grubert F, Seki S, Garcia M, Whirl-Carrillo M, Gallardo M, Blasco MA, Greenberg PL, Snyder P, Klein TE, Altman RB, Butte AJ, Ashley EA, Gerstein M, Nadeau KC, Tang H, Snyder M. Cell 2012 ;148(6):1293-307.* <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3341616/pdf/nihms-361857.pdf>