

Selected Publications Oliver Brüstle**2018**

Sheng, C., Jungverdorben, J., Wiethoff, H., Lin, Q., Flitsch, L.J., Eckert, D., Hebisch, H., Fischer, J., Kesavan, J., Weykopf, B., Schneider, L., Holtkamp, D., Beck, H., Till, A., Wüllner, U., Ziller, M.J., Wagner, W., Peitz, M., **Brüstle, O.** (2018). A stably self-renewing adult blood-derived induced neural stem cell exhibiting patternability and epigenetic rejuvenation. *Nat Commun.* 2018 Oct 2;9(1):4047. doi: 10.1038/s41467-018-06398-5

Merten, N., Fischer, J., Simon, K., Zhang, L., Schröder, R., Peters, L., Letombe, A.-G., Hennen, S., Schrage, R., Bödefeld, T., Vermeiren, C., Gillard, M., Mohr, K., Lu, Q.R., **Brüstle, O.**, Gomeza, J., Kostenis, E. (2018). Repurposing HAMI3379 to block GPR17 and promote rodent and human oligodendrocyte differentiation. *Cell Chem Biol.* 2018 Jun 21;25(6):775-786.e5. doi: 10.1016/j.chembiol.2018.03.012. Epub 2018 Apr 26.

Poppe, D., Doerr, J., Schneider, M., Wilkens, R., Steinbeck, J.A., Ladewig, J., Tam, A., Paschon, D.E., Gregory, P.D., Reik, A., Müller, C.E., Koch, P., **Brüstle, O.** (2018). Genome editing in neuroepithelial stem cells to generate human neurons with high adenosine-releasing capacity. *Stem Cells Transl Med.* 2018 Jun;7(6):477-486. doi: 10.1002/sctm.16-0272. Epub 2018 Mar 28.

Peitz, M., Bechler, T., Thiele, C.C., Veltel, M., Blossies, M., Fliessbach, K., Ramirez, A., **Brüstle, O.** (2018). Blood-derived integration-free iPS cell line UKBi011-A from a diagnosed male Alzheimer's disease patient with APOE $\epsilon 4/\epsilon 4$ genotype. *Stem Cell Research.* doi:10.1016/j.scr.2018.04.011

Allison, T.F., Andrews, P.W., Avior, Y., Barbaric, I., Benvenisty, N., Bock, C., Brehm, J., **Brüstle, O.**, Damjanov, I., Elefanty, A., Felkner, D., Gokhale, P.J., Halbritter, F., Healy, L.E., Hu, T.X., Knowles, B.B., Loring, J.F., Ludwig, T.E., Mayberry, R., Micallef, S., Mohamed, J.S., Müller, F.-J., Mummery, C.L., Nakatsuji, N., Ng, E.S., Oh, S.K.W., O'Shea, O., Pera, M.F., Reubinoff, B., Robson, P., Rossant, J., Schuldt, B.M., Solter, D., Sourris, K., Stacy, G., Stanley, E.G., Suemori, H., Takahashi, K., Yamanaka, S. (2018). Assessment of established techniques to determine developmental and malignant potential of human pluripotent stem cells. *Nat Commun.* 2018 May 15;9(1):1925. doi: 10.1038/s41467-018-04011-3.

Münst, S., Koch, P., Kesavan, J., Alexander-Mays, M., Münst, B., Blaess, S., **Brüstle, O.** (2018). In vitro segregation and isolation of human pluripotent stem cell-derived neural crest cells. *Methods.* 2018 Jan 15;133:65-80. doi: 10.1016/j.ymeth.2017.09.012. Epub 2017 Oct 14

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