

Multidimensional phenotyping of human stem cell-derived midbrain dopaminergic neurons from a LRRK2 mutation carrier for drug screening applications

Aurore Vuidel¹, Loïc Cousin¹, Beatrice Weykopf^{2,3}, Simone Haupt³, Arnaud Ogier¹, Laurent Brino¹, Oliver Brüstle^{2,3}, Peter Sommer¹ and Johannes H. Wilbertz¹ ¹ Ksilink, Strasbourg, France: * johannes.wilbertz@ksilink.com; ² Institute of Reconstructive Neurobiology, University Hospital Bonn, Bonn, Germany; ³ LIFE & BRAIN GmbH, Bonn, Germany.



> ML allows to identify relevant Parkinson Disease vs. healthy phenotype

In our study, we demonstrate that image-derived phenotypes in human iPSC-derived mDANs can be used for cell line characterization and the phenotype. We are currently setting up a small molecular screening protocol using 3-class LDA analysis for hit identification.

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