

iPSC-derived Neurons, how are they being used on FDSS recently

Stem Cell Research 17 (2016) 306–317

Contents lists available at ScienceDirect

Stem Cell Research

journal homepage: www.elsevier.com/locate/scr

Induced pluripotent stem cell - derived neurons for the study of spinocerebellar atrophy type 3

Susanne K. Hansen ^{a,b,*}, Tina C. Stummann ^b, Helena Borland ^b, Lis F. Hasholt ^c, Zeynep Tümer ^d, Jørgen E. Nielsen ^{c,e}, Mikkel A. Rasmussen ^{a,1}, Troels T. Nielsen ^e, Justus C.A. Daechsel ^b, Karina Fog ^b, Poul Hyttel ^a

^a Department of Veterinary Clinical and Animal Sciences, University of Copenhagen, Grønnegårdsvæj 7, 1870 Frøgård, Denmark

^b H. Lundbeck A/S, Østillaavej 9, Valby 2500, Denmark

^c Institute of Cellular and Molecular Medicine, University of Copenhagen, Blegdamsvej 3B, 2200 N, Denmark

^d Applied Human Molecular Genetics, Kennedy Center, Department of Clinical Genetics, Copenhagen University Hospital, Rigshospitalet, Gl. Landevej 7, Glostrup 2600, Denmark

^e Neurogenetics Clinic & Research Laboratory, Danish Dementia Research Centre, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, 2100 Copenhagen, Denmark

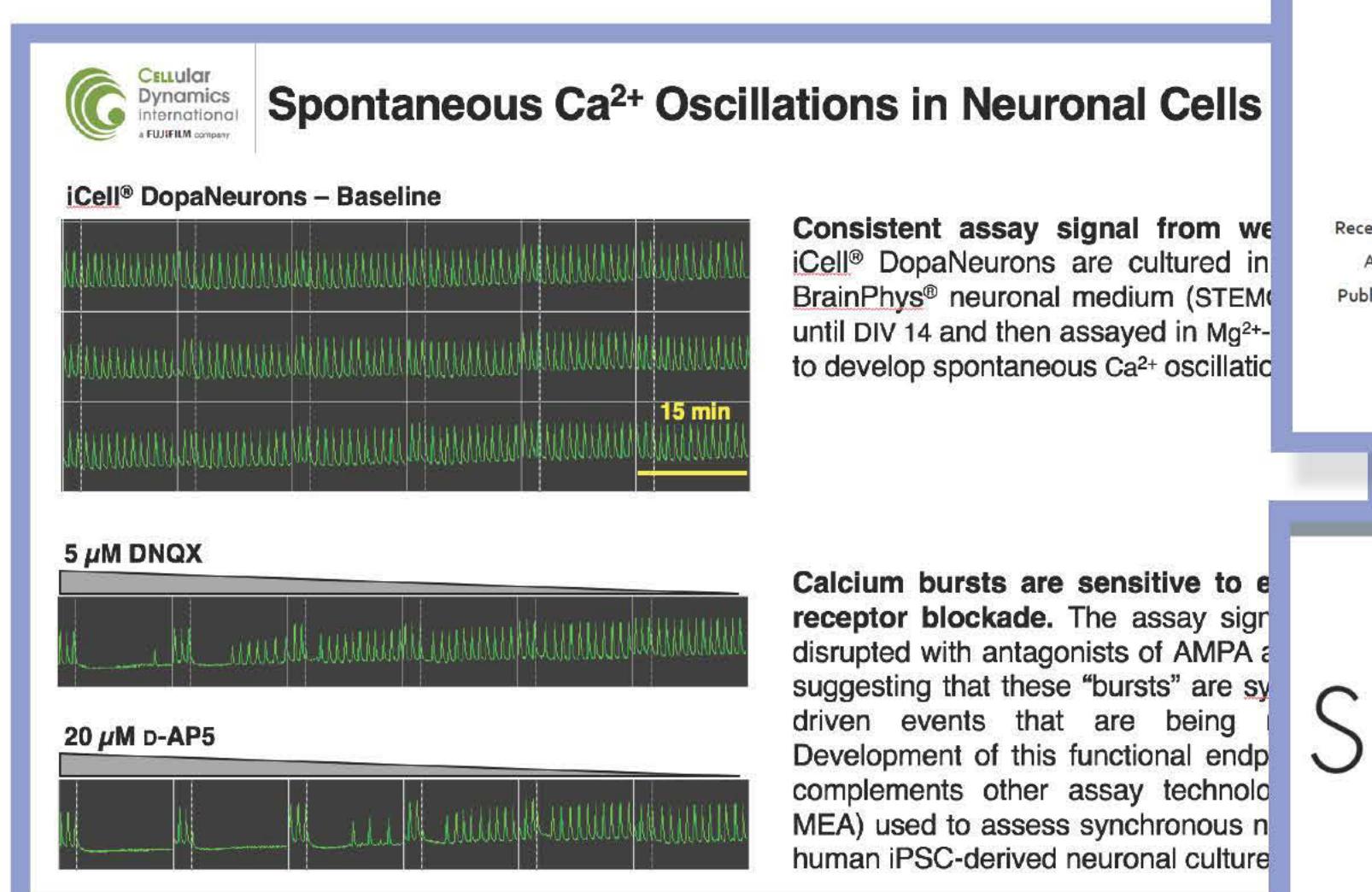


Original Research

Functional Characterization of Acetylcholine Receptors Expressed in Human Neurons Differentiated from Hippocampal Neural Stem/Progenitor Cells

Kazuyuki Fukushima^{1,2}, Kazuto Yamazaki¹, Norimasa Miyamoto^{2,3}, and Kohei Sawada^{2,3}

Journal of Biomolecular Screening 1–10
© 2016 Society for Laboratory Automation and Screening
DOI: 10.1177/1087051116640001
jbx.sagepub.com



SCIENTIFIC REPORTS

OPEN Early pathogenesis of Duchenne muscular dystrophy modelled in patient-derived human induced pluripotent stem cells

Received: 12 October 2014
Accepted: 11 May 2015
Published: 20 August 2015

Emi Shoji^{1,2}, Hidetoshi Sakurai¹, Tokiko Nishino¹, Tatsutoshi Nakahata¹, Toshio Heike³, Tomonari Awaya³, Nobuharu Fujii⁵, Yasuko Manabe⁵, Masafumi Matsuo⁴ & Atsuko Sehara-Fujisawa²

www.nature.com/scientificreports/

SCIENTIFIC REPORTS

OPEN Calcium dysregulation contributes to neurodegeneration in FTLD patient iPSC-derived neurons

Received: 21 March 2016
Accepted: 20 September 2016
Published: 10 October 2016

Keiko Imamura¹, Naruhiko Sahara², Nicholas M. Kanaan³, Kayoko Tsukita¹, Takayuki Kondo¹, Yumiko Kutoku⁴, Yutaka Ohsawa⁴, Yoshihide Sunada⁴, Koichi Kawakami⁵, Akitsu Hotta¹, Satoshi Yawata⁶, Dai Watanabe⁶, Masato Hasegawa⁷, John Q. Trojanowski⁸, Virginia M.-Y. Lee⁸, Tetsuya Suhara², Makoto Higuchi² & Haruhisa Inoue¹

www.nature.com/scientificreports/