

Neural Differentiation Medium: NDiff® N227(Code Y40002)

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2	Sox2 cooperates with Chd7 to regulate genes that are mutated in human syndromes.	Engelen E, <i>et al.</i>	Nat Genet. 43(6):607-11.
3	Non-immortalized human neural stem (NS) cells as a scalable platform for cellular assays.	Hook L, <i>et al.</i>	Neurochem Int. 59(3): 432-44.
4	Anterior definitive endoderm from ESCs reveals a role for FGF signaling.	Morrison G, <i>et al.</i>	Cell Stem Cell 3:402-415.
5	Long-term self-renewal and directed differentiation of human embryonic stem cells in chemically defined conditions.	Yao S, <i>et al</i>	PNAS 103(18):6907–6912.
6	Expansion of Human Embryonic Stem Cells in Defined Serum-Free Medium Devoid of Animal-Derived Products.	Li Y, <i>et al.</i>	Biotechnology and Bioengineering 91:688-698
7	Conversion of embryonic stem cells into neuroectodermal precursors in adherent monoculture.	Ying QL, <i>et al.</i>	Nature Biotechnology 21:183-186.
8	BMP induction of Id proteins suppresses differentiation and sustains embryonic stem cell self-renewal in collaboration with STAT3.	Ying QL, <i>et al.</i>	Cell 115:281-292.
9	Direct conversion of human fibroblasts into retinal pigment epithelium-like cells by defined factors.	Zhang K., <i>et al.</i>	Protein Cell, DOI 10.1007/s13238-013-0011-2
10	Imprinted expression of UBE3A in non-neuronal cells from a Prader–Willi syndrome patient with an atypical deletion.	Martins-Taylor K., <i>et al</i>	Hum. Mol. Genet.. doi: 10.1093/hmg/ddt628
11	Reduced Oct4 Expression Directs a Robust Pluripotent State with Distinct Signaling Activity and Increased Enhancer Occupancy by Oct4 and Nanog.	Karwacki-Neisius V., <i>et al.</i>	Cell Stem Cell, 12: 531–545
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13	Differentiation from human pluripotent stem cells of cortical neurons of the superficial layers amenable to psychiatric disease modeling and high-throughput drug screening.	Boissart C. <i>et al.</i>	Translational Psychiatry, 3: e294
14	Examples of microfluidic platform for stem cell analysis: stem cell culture platform-mimicking in vivo culture conditions in vitro: 402-410	Li, Xiujun, Yu Zhou	“Microfluidic Devices for Biomedical Applications”, Woodhead Publishing (Now Elsevier), 2013. Chapter 11.3,
15	Competitive Interactions Eliminate Unfit Embryonic Stem Cells at the Onset of Differentiation.	Margarida Sancho, <i>et al.</i>	Developmental Cell, 26: 19-30
16	SOX2 Co-Occupies Distal Enhancer Elements with Distinct POU Factors in ESCs and NPCs to Specify Cell State.	Lodato MA, <i>et al.</i>	PLoS Genet, 9(2): e1003288
17	Exit from Pluripotency Is Gated by Intracellular Redistribution of the bHLH Transcription Factor Tfe3.	Betschinger J, <i>et al.</i>	Cell,153:335–347
18	Derivation and Expansion Using Only Small Molecules of Human Neural Progenitors for Neurodegenerative Disease Modeling.	Reinhardt P, <i>et al.</i>	PLoS ONE, 8(3):e59252

19	Tcf15 Primes Pluripotent Cells for Differentiation. Cell Reports	Owen R. <i>et al.</i>	Volume 3, Issue 2, 21 February 2013, Pages 472–484
20	Brief demethylation step allows the conversion of adult human skin fibroblasts into insulin-secreting cells.	Pennarossaa G, <i>et al.</i>	PNAS (USA), 110 no.2013, 22: 8948–8953
21	BMP Induces Cochlin Expression to Facilitate Self-renewal and Suppress Neural Differentiation of Mouse Embryonic Stem Cells.	Zhang J, <i>et al.</i>	The Journal of Biological Chemistry,2013 288:8053-8060.
22	Immediate expression of Cdh2 is essential for efficient neural differentiation of mouse induced pluripotent stem cells.	Su H, <i>et al.</i>	Stem Cell Research,2013, 10, 338–348
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24	Deriving dopaminergic neurons for clinical use. A practical approach.	Gonzalez R, <i>et al.</i>	Scientific Reports,2013, 3: 1463
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26	Stem Cell-Derived Neurons for the Treatment of Neurodegenerative Diseases.	Gu H.	Clinic Pharmacol Biopharmaceut, 2013 2:111
27	Laminin E8 fragments support efficient adhesion and expansion of dissociated human pluripotent stem cells.	Miyazaki T, <i>et al.</i>	Nat Commun. 2012, 3:1236