

## Literature list for PhD course MF9410 (November 26, 2013)

Améen C, Strehl R, Björquist P, Lindahl A, Hyllner J, Sartipy P (2008) Human embryonic stem cells: current technologies and emerging industrial applications. *Crit Rev Oncol Hematol.* 2008 Jan;65(1):54-80. Epub 2007 Aug 6.

Blenkinsop TA, Corneo B, Temple S, Stern JH (2012) Ophthalmologic stem cell transplantation therapies. *Regen Med.* 2012 Nov;7(6 Suppl):32-9. doi: 10.2217/rme.12.77.

Collas P (2008) Epigenetic states in stem cells. *Biochimica et Biophysica Acta* 1790:900–905.

EIShamy WM, Duhé RJ (2013) Overview: Cellular plasticity, cancer stem cells and metastasis. *Cancer Letters.*

Ferreira LM, Mostajo-Radji MA (2013) How induced pluripotent stem cells are redefining personalized medicine. *Gene.* 2013 May 10;520(1):1-6. doi: 10.1016/j.gene.2013.02.037. Epub 2013 Mar 5.

Frank et al. (2010) The therapeutic promise of the cancer stem cell concept. *Journa of Clinical Investigation* 120:41-50.

Gordeladze et al. (2009) Concerted stimuli regulating osteo-chondral differentiation from stem cells: phenotype acquisition regulated by microRNAs. *Acta Pharmacologica Sinica* (2009) 30: 1369–1384

Hipp J & Atala A (2008) Sources of Stem Cells for Regenerative Medicine. *Stem Cell Rev* (2008) 4:3–11.

ISSCR Guidelines for the Clinical Translation of Stem Cells (2008) 19 pages

ISSCR Patient Handbook on Stem Cell Therapies (2008) 8 pages

Jaenisch R, Young R (2008) Stem cells, the molecular circuitry of pluripotency and nuclear reprogramming. *Cell.* 2008 Feb 22;132(4):567-82.

Jia G, Fu Y, Zhao X, Dai Q, Zheng G, Yang Y, Yi C, Lindahl T, Pan T, Yang YG, He C (2011) N6-methyladenosine in nuclear RNA is a major substrate of the obesity-associated FTO. *Nat Chem Biol.* 2011 Oct 16;7(12):885-7.

Kircher MF, Gambhir SS, Grimm J (2011) Noninvasive cell-tracking methods. *Nat Rev Clin Oncol.* 2011 Sep 27;8(11):677-88.

NIH Stem Cell Primer (2009) 26 pages

Regnell CE, Hildrestrand GA, Sejersted Y, Medin T, Moldestad O, Rolseth V, Krokeide SZ, Suganthan R, Luna L, Bjørås M, Bergersen LH (2012) Hippocampal Adult Neurogenesis Is Maintained by Neil3-

Dependent Repair of Oxidative DNA Lesions in Neural Progenitor Cells. *Cell Reports*. Volume 2, Issue 3, 27 September 2012, Pages 503–510.

Sequerra EB, Costa MR, Menezes JR, Hedin-Pereira C (2013) Adult neural stem cells: plastic or restricted neuronal fates? *Development*. 2013 Aug;140(16):3303-9. doi: 10.1242/dev.093096.

Trounson A, Shepard KA, DeWitt ND (2012) Human disease modeling with induced pluripotent stem cells. *Curr Opin Genet Dev*. 2012 Oct;22(5):509-16. doi: 10.1016/j.gde.2012.07.004. Epub 2012 Aug 3.

Yamanaka S & Blau HM (2010) Nuclear reprogramming to a pluripotent state by three approaches, *NATURE* | Vol 465 | 10 June 2010 | doi:10.1038/nature09229 (available in frontier)