Methods in Molecular Biology (2016) 1357: 485–486
DOI 10.1007/7651_2015_308

Published online: 18 November 2015

Erratum to: Generation of iPS Cells from Granulosa Cells

Jian Mao and Lin Liu

Erratum to: Methods in Molecular Biology
DOI: 10.1007/7651_2015_135

In a previous version of this chapter an incorrect figure caption was given for Figs. 2 and 3. The correct figure caption is shown below.

Fig. 2 Characterization of mouse iPS cells generated from mGC. (**a**) Schematic diagram of mGCiPSC (mGC-OSiPSCs) generation by Oct4 and Sox2. Scale bar = 100 μm. (**b**) mGC-OSiPS clones express strong Oct4, Nanog, and SSEA1 by immunofluorescence (scale bar = 20 μm). Nuclei stained with Hoechst 33342 (*blue*). (**c**) Differentiation in vitro of mGC-OSiPS cells by embryoid body (EB) formation. The differentiated derivatives by EB consist of cells representing three embryonic germ layers as shown by immunofluorescence staining using endoderm marker alpha 1-fetoprotein (AFP), mesoderm marker smooth muscle actin (SMA), and ectoderm marker β-III-tubulin (scale bar = 50 μm). Nuclei stained with Hoechst 33342 (*blue*). (**d**) Differentiation in vivo of mGC-OSiPS cells by teratoma formation test following injection into nude mice. *Red arrows* indicate teratoma on the back of nude mice. Hematoxylin and eosin staining of teratoma tissues derived from mGC-OSiPS cells. All teratomas consist of representative derivatives of three germ layers, including epidermis (ectoderm), muscle (mesoderm), and gland epithelium (endoderm). Scale bar = 100 μm. (**e**) Chimeric mice generated from mGC-OSiPS, based on coat color

The online version of the original chapter can be found at
DOI 10.1007/7651_2015_135

Fig. 3 Characterization of pig iPS cells generated from pGC. (**a**) Schematic diagram of pGCiPSC (R7F-piPSCs) generation by 7F (Oct4, Sox2, Klf4, c-Myc, Nanog, hTert, and p53i) and cultured under R2i (PD0325901 and SB431542) medium. Scale bar = 100 μm. (**b**) pGCiPS express strong Oct4, Sox2, and SSEA4 by immunofluorescence (scale bar = 20 μm). Nuclei stained with Hoechst 33342 (*blue*). (**c**) Differentiation in vitro of pGCiPS cells by embryoid body (EB) formation. The differentiated derivatives by EB consist of cells representing three embryonic germ layers as shown by immunofluorescence staining using endoderm marker alpha 1-fetoprotein (AFP), mesoderm marker smooth muscle actin (SMA), and ectoderm marker β-III-tubulin (scale bar = 20 μm). Nuclei stained with Hoechst 33342 (*blue*)