

RETRACTION

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Generation of induced pluripotent stem cells using skin fibroblasts from patients with myocardial infarction under feeder-free conditions

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After the publication of the article, the authors decided they wished to retract their manuscript for the following reasons.

We wish to retract our research article entitled 'Generation of induced pluripotent stem cells using skin fibroblasts from patients with myocardial infarction under feeder-free conditions' published on the Molecular Medicine Reports 9: 837-842, 2014. In this article, we generated human iPSCs from skin fibroblasts from myocardial infarction patients in feeder-independent conditions. However, in subsequent researches, all of the cells generated and believed to be iPSCs showed negative expression of the pluripotent markers, Nanog and Rex1, and the cell surface marker, SSEA-1 and SSEA-4. Therefore we think the established iPS cells might not be real pluripotent stem cells. Based on the above mentioned, we ascertained that there must have some serious disadvantages in our design of experiment fundamentally. As a result, all authors involved unanimously agreed to retract this article and redesign our experiment. We deeply apologize to the readers for any inconvenience caused by this retraction.