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Name of journal: World Journal of Stem Cells

ESPS Manuscript NO: 18479

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Signaling involved in stem cell reprogramming and differentiation

Shihori Tanabe

Abstract

Stem cell differentiation is regulated by multiple signaling events. Recent technical advances have revealed that differentiated cells can be reprogrammed into stem cells. The signals involved in stem cell programming are of major interest in stem cell research. The signaling mechanisms involved in regulating stem cell reprogramming and differentiation are the subject of intense study in the field of life sciences. In this review,

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Signaling Involved in Stem Cell Programming



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Programming blood stem cells during embryonic development

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作者: L Wang - 2011 - 被引用次数: 27 - 相关文章

2011年8月17日 - A blood flow-dependent klf2a-NO signaling cascade is required for stabilization of hematopoietic stem cell programming in zebrafish embryos.

Haifan Lin, PhD > Yale Stem Cell Center | Yale School of ...

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Stem cell RNA-mediated epigenetic programming, post-transcriptional ... genes involved in both niche signaling and intracellular regulation of stem cell division.

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of hematopoietic stem cell programming in zebrafish embryos. Lu Wang,1 Panpan Zhang,1 ... demonstrated to be involved in blood vessel remodeling and heart.

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