



14739-Review

BY RAQUEL MONTALBÁN-LORO

Quotes Excluded  
Bibliography Excluded4%  
SIMILAR

Name of journal: World Journal of Stem Cells

ESPS Manuscript NO: 14739

Columns: REVIEW

Epigenetic regulation of stemness maintenance in the neurogenic niches

Raquel Montalbán-Loro, Ana Domingo-Muelas, Alex Bizy, and Sacri R Ferrón

**Abstract**

In the adult mouse brain, the subventricular zone (SVZ) lining the lateral ventricles and the subgranular zone (SCZ) in the dentate gyrus of the hippocampus are two zones that contain neural stem cells (NSCs) with the capacity to give rise to neurons and glia during the entire life of the animal. Spatial and temporal regulation of gene expression in the NSCs population is established and maintained by the coordinated interaction between

## Match Overview

1	Internet 68 words crawled on 05-Apr-2010 <a href="http://rosenfeldlab.ucsd.edu">rosenfeldlab.ucsd.edu</a>	1%
2	CrossCheck 51 words Portlan, Eva, Ana Perez-Villalba, Ana C. Delgado, and Sacri R. Ferrón. "Paracrine regulation of neural stem cells in..."	1%
3	CrossCheck 48 words Radford, E.J.. "Genomic imprinting as an adaptative model of developmental plasticity" FEBS Letters, 20110707	1%
4	Internet 30 words crawled on 27-Aug-2014 <a href="http://repositorium.sdum.uminho.pt">repositorium.sdum.uminho.pt</a>	<1%
5	CrossCheck 29 words Zhang, Run-Rui, Qing-Yan Cui, Kiyohito Murai, Yen Ching Lim, Zachary D. Smith, Shengnan Jin, Peng Ye, Luis Rosa,	<1%
6	Internet 27 words crawled on 15-Oct-2010 <a href="http://www.health.unt.edu">www.health.unt.edu</a>	<1%

[网页](#)[图片](#)[新闻](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 104,000 条结果 (用时 0.58 秒)

## Google 学术: Epigenetic regulation of stemness maintenance in the neurogenic

Epigenetic regulation of mammalian stem cells - Li - 被引用次数: 62

Epigenetic regulation of self-renewal and fate ... - Mohamed Ariff - 被引用次数: 24

The epigenetic progenitor origin of human cancer - Feinberg - 被引用次数: 1255

### Glioma Revisited: From Neurogenesis and Cancer Stem ...

[www.hindawi.com/journals/jo/2012/537861/](http://www.hindawi.com/journals/jo/2012/537861/) ▾ 翻译此页

作者: F de Almeida Sassi - 2012 - 被引用次数: 16 - 相关文章

2012年6月26日 - Hence, adult **neurogenic** niches directly **rule** neuronal production and stem ..... **Epigenetic regulation** can thus shape cell fate allowing adjustment to ... that acetylation may be essential for GSC **stemness** and **maintenance**.

### [PDF] Epigenetic regulation of stemness and malignancy in Ewin...

[mediatum.ub.tum.de/doc/998374/998374.pdf](http://mediatum.ub.tum.de/doc/998374/998374.pdf) ▾ 翻译此页

**Epigenetic regulation** includes alterations in chromatin structure ..... corresponding phenotypic characteristics and to the **maintenance** of cell identity [8]. ..... Safford, K.M., et al., **Neurogenic** differentiation of murine and human adipose-derived ...

### Epigenetic regulation of adult neural stem cells: implications



[网页](#)[图片](#)[新闻](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 66,800 条结果 (用时 0.52 秒)

## Google 学术: Epigenetic regulation of stemness maintenance in the neurogenic niches

A niche for adult neural stem cells - Doetsch - 被引用次数: 529

Epigenetic regulation of mammalian stem cells - Li - 被引用次数: 62

... stem cells to the epigenetic regulation of the niche - de Almeida Sassi - 被引用次数: 16

## Epigenetic regulation of adult neural stem cells: implications

[www.molecularneurodegeneration.com/content/9/1/25](http://www.molecularneurodegeneration.com/content/9/1/25) ▾ 翻译此页

作者: CP Fitzsimons - 2014 - 被引用次数: 2 - 相关文章

2014年6月25日 - The maintenance and development of adult NSCs in the SVZ and SGZ

... The unique microenvironment of the neurogenic niche is thought to ...

## Glioma Revisited: From Neurogenesis and Cancer Stem ...

[www.hindawi.com/journals/jo/2012/537861/](http://www.hindawi.com/journals/jo/2012/537861/) ▾ 翻译此页

作者: F de Almeida Sassi - 2012 - 被引用次数: 16 - 相关文章

2012年6月26日 - (a) The interactions between the neurogenic niche (subventricular zone,

... Neurotrophic factors are known to regulate many aspects of the ..... Epigenetic

regulation can thus shape cell fate allowing adjustment to ... This result shows that

acetylation may be essential for GSC stemness and maintenance.