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作者 : R Hass - 2011 - 被引用次数 : 544 - 相关文章

2011年5月14日 - Mesenchymal **stem cells derived** from **adipose** tissue [2], peripheral blood [3] ... **potential** for proliferation and **differentiation** into different cell types. .... In contrast, **enhanced osteogenic differentiation** of AT-MSC (ASC) ... In this context, MSC **subpopulations** displaying a high **aldehyde-dehydrogenase activity** ...

## Surface Markers for Chondrogenic Determination: A Highlight of ...

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作者 : DD Campbell - 2012 - 被引用次数 : 16 - 相关文章

2012年11月16日 - Keywords: **synovium-derived stem cell**, **mesenchymal stem cell**, cartilage .... an **enhanced** proliferation and chondrogenic **differentiation potential**; ... with **osteogenic**, chondrogenic, and **adipogenic differentiation**. ... play a role in **identifying** proliferative cell **subpopulations** that have .... Write to the **Help Desk**.

## Aldehyde dehydrogenase activity identifies a subpopulation of canine ...

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作者 : H ITOH

2017年6月5日 - **adipose-derived stem cells**, **aldehyde dehydrogenase activity**, flow cytometry, .... The **adipogenic** and **osteogenic differentiation potential** of ADSCs was ...  $\alpha$ -MEM basal medium containing 250  $\mu$ l **mouse/rat** osteogenic .... potential; one of these showed that activation of ALDH2 **enhanced adipogenesis** and.

## [PDF] Isolation, Characterization, and Differentiation Potential of Canine ...

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作者 : NM Vieira - 2010 - 被引用次数 : 178 - 相关文章

Key words: Canine **adipose-derived stem cells**; Tissue engineering; Veterinary cell therapy ... in **adipogenic**, **osteogenic**, **chondrogenic**, and **myogenic**



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*Basic Study*

3 Aldehyde dehydrogenase activity helps identify a subpopulation of murine adipose-derived stem cells with enhanced adipogenic and osteogenic 3 differentiation potential

Harumichi Itoh, Shimpei Nishikawa, Tomoya Haraguchi, Yu Arikawa, Shotaro Eto, Yusuke Sakai, 2 Masato Hiyama, Toshie Iseri, Yoshiki Itoh, Munekazu Nakaichi, Kenji Tani, Yasuho Taura, Kazuhito Itamoto





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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3117820/> ... **adipogenic**, and **myogenic**

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### Adipose-derived stem cells: selecting for translational success

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作者: KS Johal - 2015 - 被引用次数: 16 - 相关文章

2016年3月7日 - Keywords: adipose, **adipose-derived stem cells**, clinical translation, cluster of ... of adipose tissue plasticity has **identified adipose-derived stem cells** (ASCs) as ... More accurate delineation of ASC **subpopulations** is also likely to be critical ..... This may support the role of CD90 in **osteogenic differentiation** as ...

缺少字词: **aldehyde dehydrogenase**

### Adipose-derived mesenchymal stromal/stem cells: An update on their ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: PC Baer - 2014 - 被引用次数: 62 - 相关文章

2014年7月26日 - In addition, the composition of ASCs (or their **subpopulations**) ... were less competent in acquiring the **adipogenic** and **osteogenic** phenotype, ... The terms "**adipose-derived adult stem cells**", "**adipose-derived** .... expression and their **adipogenic differentiation potential**, and clearly ..... Write to the **Help Desk**.

缺少字词: **aldehyde dehydrogenase**

### monolayer cell expansion conditions affect the chondrogenic potential ...

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作者: BT Estes - 2008 - 被引用次数: 63 - 相关文章

**Adipose-derived stem cells** (ASCs) are an abundant, readily available population ... to be more favorable for **osteogenic** and **adipogenic differentiation** (Lee et al. ... also during induction, to significantly **enhance** the chondrogenic **potential** of ..... but not **aldehyde dehydrogenase activity**, increases the chondrogenic **potential** ...

### Surface Markers for Chondrogenic Determination: A Highlight of ...