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Basic Study

Highly active antiretroviral therapy dysregulates proliferation and differentiation of human pre-adipocytes

Eyone Jones, Pavel Mazirka, Margaret A McNurlan, Frank Darras, Marie C Gelato, Giuseppe Caso

Abstract

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## Impact of highly active antiretroviral therapy on ophthalmic ... - NCBI

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by KK Venkatesh - 2008 - [Cited by 15](#) - [Related articles](#)

**Highly active antiretroviral therapy (HAART)** has changed the face of **human** immunodeficiency virus (HIV) acquired immune deficiency syndrome (AIDS) by ...

Missing: ~~dysregulates proliferation differentiation preadipocytes~~

## HIV and HAART-Associated Dyslipidemia

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by ER Feeney - 2011 - [Cited by 56](#) - [Related articles](#)

Feb 24, 2011 - Effective **highly active antiretroviral therapy (HAART)** for **human** ... Keywords: HIV, **HAART**, dyslipidemia, cholesterol, triglycerides, lipids. .... effects may explain how NRTIs can inhibit **preadipocyte differentiation** [82], reduce ...

Missing: ~~dysregulates proliferation~~

## WHO | Antiretroviral therapy

[www.who.int/topics/antiretroviral\\_therapy/en/](http://www.who.int/topics/antiretroviral_therapy/en/) ▼

Antiretroviral therapy (ART) is treatment of people infected with **human** ... called "**highly active antiretroviral therapy**" or **HAART**) that suppress HIV replication.

Missing: ~~dysregulates proliferation differentiation preadipocytes~~

## The Roles of HIV-1 Proteins and Antiretroviral Drug Therapy in HIV-1 ...

[europepmc.org/articles/pmc2586126](http://europepmc.org/articles/pmc2586126)

by ER Kline - 2008 - [Cited by 64](#) - [Related articles](#)

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[Mitochondrial \(Dys\) function in Adipocyte \(De\) differentiation and ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2731113/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2731113/>

During **preadipocyte** differentiation, the TCA cycle generates reducing equivalents ... exert many detrimental effects on adipoblast **proliferation and differentiation**. Particularly, ... A systemic oxidative stress has been reported in both **human** obese ..... complications associated with HIV and **highly active antiretroviral therapy**.

[Impaired Preadipocyte Differentiation in Human Abdominal Obesity](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2699851/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2699851/>

7 Apr 2009 ... Obesity-associated inflammation leads to highly **dysregulated** adipose tissue .... Impaired **differentiation of human preadipocytes** from obese donors. ... as a consequence, also seemed to enhance the **proliferation** of these cells. .... in patients with **highly active antiretroviral therapy**-associated lipodystrophy.

[Human Immunodeficiency Virus and Highly Active Antiretroviral ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3135885/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3135885/>

The successful introduction of **highly active antiretroviral therapy** (HAART), ... morbidity and mortality among **human** immunodeficiency virus (HIV)-positive patients. .... (RXR-PPAR $\gamma$ ) heterodimer, potentially promoting reduced **differentiation** and .... and untreated fibroblasts and **preadipocytes** obtained from healthy subjects.

[\[PDF\] Long-Term Ritonavir Exposure Increases Fatty Acid and Glycerol ...](https://academic.oup.com/endo/article-pdf/151/5/2097/.../endo2097.pdf)<https://academic.oup.com/endo/article-pdf/151/5/2097/.../endo2097.pdf>

12 Mar 2010 ... in **humans** receiving **highly active antiretroviral therapy**. (HAART) for ... trophy syndrome through **dysregulation** of fatty acid ... After differentiation, cells were maintained ..... of **preadipocyte** differentiation and promotion of adipocyte death by .... on **proliferation**, **differentiation**, lipogenesis, gene expression and.

[The Effect of the HIV Protease Inhibitor Ritonavir on Proliferation ...](#)

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您是不是要找: **Highly active antiretroviral therapy *dysregulated* proliferation and differentiation of human *preadipocytes***

**Optimization of the differentiation of human preadipocytes in vitro. - NCBI**

<https://www.ncbi.nlm.nih.gov/pubmed/15733065> - 翻译此页

作者: K Hemmrich - 2005 - 被引用次数: 84 - 相关文章

This study aimed at developing an optimal protocol for **proliferation and differentiation** of **preadipocytes** that is a prerequisite for constructing an ideal biohybrid ...

缺少字词: **highly active antiretroviral therapy dysregulates**

**Impaired Preadipocyte Differentiation in Human Abdominal Obesity**

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

作者: P Isakson - 2009 - 被引用次数: 206 - 相关文章

2009年4月7日 - However, several studies with **human preadipocytes** cultured in vitro have been ... After 3 days, when the cells had started to **proliferate**, the progenitor or ..... with **highly active antiretroviral therapy**-associated lipodystrophy.

**[PDF] Adipocyte Differentiation.pdf - ResearchGate**

<https://www.researchgate.net/file.PostFileLoader.html?id...assetKey...> ▼ 翻译此页

**Preadipocytes** have the ability to **proliferate and differentiate** into mature .... **Human** DFAT cells from **human** subcutaneous adipocytes ..... subcutaneous adipose tissue in lipodystrophy associated with **highly active antiretroviral therapy**.

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(PPAR-) and can upregulate **adipocyte differentiation** and **proliferation** and inhibit apoptosis. Cells in