

The elusive endogenous adipogenic PPAR γ agonists: Lining up the suspects - DTU Orbit (08/11/2017)

The elusive endogenous adipogenic PPAR γ agonists: Lining up the suspects

The nuclear receptor peroxisome proliferator-activated receptor γ (PPAR γ) is the key decisive factor controlling the development of adipocytes. Ligand-mediated activation of PPAR γ occurs early during adipogenesis and is thought to prime adipose conversion. Although several fatty acids and their derivatives are known to bind to and activate PPAR γ , the identity of the ligand(s) responsible for initiating adipocyte differentiation is still a matter of debate. Here we review recent data on pathways involved in ligand production as well as possible endogenous, adipogenic PPAR γ agonists.

General information

State: Published

Organisations: Department of Systems Biology, Center for Biological Sequence Analysis, University of Copenhagen, Agricultural Research Service

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Number of pages: 14

Pages: 149-162

Publication date: 2016

Main Research Area: Technical/natural sciences

Publication information

Journal: Progress in Lipid Research

Volume: 61

ISSN (Print): 0163-7827

Ratings:

BFI (2017): BFI-level 2

Web of Science (2017): Indexed Yes

BFI (2016): BFI-level 2

Scopus rating (2016): SJR 4.59 SNIP 3.359 CiteScore 11.67

Web of Science (2016): Indexed yes

BFI (2015): BFI-level 2

Scopus rating (2015): SJR 5.217 SNIP 3.229 CiteScore 11.6

BFI (2014): BFI-level 2

Scopus rating (2014): SJR 5.061 SNIP 3.813 CiteScore 11.6

BFI (2013): BFI-level 2

Scopus rating (2013): SJR 4.996 SNIP 3.645 CiteScore 12.62

ISI indexed (2013): ISI indexed yes

BFI (2012): BFI-level 2

Scopus rating (2012): SJR 4.511 SNIP 3.238 CiteScore 11.71

ISI indexed (2012): ISI indexed yes

BFI (2011): BFI-level 2

Scopus rating (2011): SJR 4.025 SNIP 3.541 CiteScore 11.13

ISI indexed (2011): ISI indexed yes

BFI (2010): BFI-level 2

Scopus rating (2010): SJR 3.708 SNIP 2.949

BFI (2009): BFI-level 2

Scopus rating (2009): SJR 4.779 SNIP 3.268

BFI (2008): BFI-level 1

Scopus rating (2008): SJR 6.214 SNIP 3.366

Scopus rating (2007): SJR 6.764 SNIP 4.671

Scopus rating (2006): SJR 5.698 SNIP 4.402

Scopus rating (2005): SJR 4.68 SNIP 3.641

Web of Science (2005): Indexed yes

Scopus rating (2004): SJR 4.508 SNIP 3.86

Web of Science (2004): Indexed yes

Scopus rating (2003): SJR 4.602 SNIP 3.423

Scopus rating (2002): SJR 2.85 SNIP 2.109

Scopus rating (2001): SJR 2.779 SNIP 2.044

Scopus rating (2000): SJR 3.158 SNIP 3.044

Scopus rating (1999): SJR 3.47 SNIP 2.868

Original language: English

Adipogenesis, Cyclooxygenases, Lipoxygenases, PPAR γ , Polyunsaturated fatty acids, Reactive oxygen species
DOIs:

10.1016/j.plipres.2015.11.002

Source: FindIt

Source-ID: 2289805421

Publication: Research - peer-review › Review – Annual report year: 2016