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### *Basic Study*

**Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway**

Cintia Folgueira, Silvia Barja-Fernandez, Laura Prado, Omar Al-Massadi, Cecilia Castelao, Veronica Peña-Leon, Patricia Gonzalez-Saenz, Javier Baltar, Ivan Baamonde, Rosaura Leis, Carlos Dieguez, Uberto Pagotto, Felipe F Casanueva, Sulay A Tovar, Ruben Nogueiras, Luisa M Seoane

### **Abstract**

#### *AIM*

To determine whether Nucb2/nesfatin1 production is regulated by the

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Published online 2014 Dec 1. doi: 10.2147/DDDT. ... Currently, **pharmacological** obesity treatment options are limited. .... between **gastric cannabinoid receptor** CB1 and ghrelin **through** the intracellular **mTOR pathway** via the neural control of the vagus nerve.<sup>51</sup> The work showed that the **pharmacological** blockade of the ...

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作者: C Delporte - 2013 - 被引用次数: 83 - 相关文章

2013年11月28日 - In addition to the stomach [1, 8], ghrelin is expressed in many tissues ..... cannabinoids induce food intake **via** the **cannabinoid receptor** type 1 ... Ghrelin **stimulates** appetite by central and peripheral **pathways** and **via** the vagus nerve. ... **mTOR** can be either **inhibited** [191, 192] or activated [193] by AMPK.

**mTOR-dependent Modulation of Gastric Nesfatin-1/NUCB2 - NCBI - NIH**

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作者: Z Li - 2012 - 被引用次数: 34 - 相关文章

Both **mTOR** activity and **gastric nesfatin-1/NUCB2** were down-regulated by ... **Inhibition** of the **gastric mTOR** signaling by rapamycin attenuated the ... and that alteration in **gastric mTOR** activity affects the expression and **secretion** of ghrelin [9]. ..... **CRF receptor** 2 [6], melanocortin 3/4 [1] and oxytocin signaling **pathways** [12, ...

缺少字词: **pharmacological cannabinoid**

**HDAC5-mTORC1 Interaction in Differential Regulation of Ghrelin and ...**

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作者: L Ma - 2015 - 被引用次数: 2 - 相关文章

2015年9月10日 - **Gastric** hormones ghrelin and nucleobindin 2 (NUCB2)/**nesfatin-1** are secreted from ....