



20109-Review

Quotes Excluded  
Bibliography Excluded15%  
SIMILAR

Name of journal: World Journal of Respiriology

ESPS Manuscript NO: 20109

Manuscript Type: REVIEW

 $\beta_2$ -adrenoceptor in obstructive airway diseases: Agonism, antagonism or both?Daniel WS Tan, Jyi Lin Wong, Siew Teck Tie, John A Abisheganaden, Albert YH Lim,  
WS Fred Wong**Abstract**

Obstructive airway disease is a complex disease entity including several maladies characterized by bronchoconstriction and abnormal airway inflammation. Reversing bronchoconstriction leads to symptomatic relief and improvement in quality of life, both in reversible (bronchial asthma) and partially reversible (chronic obstructive airway disease) obstructive airway diseases.  $\beta_2$ -adrenoceptor expressed in human

**Match Overview**

1	<b>Internet</b> 125 words crawled on 25-May-2009 <a href="http://www.inverseon.com">www.inverseon.com</a>	2%
2	<b>Internet</b> 68 words crawled on 18-Mar-2013 <a href="http://ajrccm.atsjournals.org">ajrccm.atsjournals.org</a>	1%
3	<b>CrossCheck</b> 62 words M. A. Giembycz. "Beyond the dogma: novel $\beta_2$ -adrenoceptor... or signalling in the airways", European Respiratory Journal	1%
4	<b>CrossCheck</b> 44 words Nicola A Hanania. "Clinical implications of the intrinsic efficacy of beta-adrenoceptor drugs in asthma: full, partial an...	1%
5	<b>CrossCheck</b> 42 words JKL Walker. "New perspectives regarding $\beta_2$ -adrenoceptor ligands in the treatment of asthma: New paradigms for $\beta_2$ ...	1%
6	<b>CrossCheck</b> 36 words D. R. Morales. "Prescribing of $\beta_2$ -adrenoceptor antagonists in asthma: an observational study", Thorax, 06/01/2011	1%

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

找到约 203,000 条结果 (用时 0.61 秒)

## Google 学术: β2-adrenoceptor in obstructive airway diseases: Agonism, antagonism or both?

... a highly potent and selective β2-adrenoceptor agonist ... - Anderson - 被引用次数: 197

... ), a novel inhaled β2 adrenoceptor agonist with a 24-h ... - Battram - 被引用次数: 142

... -acting β2-adrenoceptor agonist, salmeterol, on airway ... - Cheung - 被引用次数: 426

## Beta2-adrenergic agonist - Wikipedia, the free encyclopedia

[https://en.wikipedia.org/wiki/Beta2-adrenergic\\_agonist](https://en.wikipedia.org/wiki/Beta2-adrenergic_agonist) ▾ 翻译此页

β2-adrenergic agonists, also known as β2-adrenergic receptor agonists, are a ... cells and activates protein kinase A. Both of these changes inactivate myosin light ... with a placebo," while used to treat chronic obstructive pulmonary disease (COPD). ...

Adenosine reuptake inhibitor (AdoRI); Angiotensin II receptor antagonist ...

## β2-adrenoceptor agonists: current and future direction

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▾ 翻译此页

作者: M Cazzola - 2011 - 被引用次数: 106 - 相关文章

A variety of β2-adrenoceptor agonists with long half-lives, also called ultra ... in patients



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

找到约 110,000 条结果 (用时 0.75 秒)

## Google 学术: $\beta$ 2-adrenoceptor in obstructive airway diseases: Agonism, antagonism or both?

... -acting  $\beta$ 2-adrenoceptor agonist, salmeterol, on airway ... - Cheung - 被引用次数: 426

... ), a novel inhaled  $\beta$ 2 adrenoceptor agonist with a 24-h ... - Battram - 被引用次数: 142

... , in patients with chronic obstructive pulmonary disease - RENNARD - 被引用次数: 279

## $\beta$ 2-adrenoceptor agonists: current and future direction

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▾ [翻译此页](#)

作者: M Cazzola - 2011 - 被引用次数: 106 - 相关文章

A variety of  $\beta$ 2-adrenoceptor agonists with long half-lives, also called ultra ... in patients suffering from chronic obstructive pulmonary disease (COPD) (Celli and ..... both muscarinic antagonist and  $\beta$ 2-adrenoceptor agonist pharmacology in a ...

## Beta2-adrenergic agonist - Wikipedia, the free encyclopedia

[https://en.wikipedia.org/wiki/Beta2-adrenergic\\_agonist](https://en.wikipedia.org/wiki/Beta2-adrenergic_agonist) ▾ [翻译此页](#)

$\beta$ 2-adrenergic agonists, also known as  $\beta$ 2-adrenergic receptor agonists, are a ... cells and activates protein kinase A. Both of these changes inactivate myosin light ... with a placebo" while used to treat chronic obstructive pulmonary disease (COPD)

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

找到约 110,000 条结果 (用时 0.71 秒)

## Google 学术: β2-adrenoceptor in obstructive airway diseases: Agonism, antagonism or both?

... -acting β2-adrenoceptor agonist, salmeterol, on airway ... - Cheung - 被引用次数: 426

... ), a novel inhaled β2 adrenoceptor agonist with a 24-h ... - Battram - 被引用次数: 142

... , in patients with chronic obstructive pulmonary disease - RENNARD - 被引用次数: 280

## β2-adrenoceptor agonists: current and future direction

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > PubMed Central (PMC) ▾ 翻译此页

作者: M Cazzola - 2011 - 被引用次数: 106 - 相关文章

Keywords: Asthma, COPD, bronchodilators, β2-adrenoceptor agonists, ... in patients suffering from chronic obstructive pulmonary disease (COPD) (Celli and ..... both muscarinic antagonist and β2-adrenoceptor agonist pharmacology in a ...

## Beta2-adrenergic agonist - Wikipedia, the free encyclopedia

[https://en.wikipedia.org/wiki/Beta2-adrenergic\\_agonist](https://en.wikipedia.org/wiki/Beta2-adrenergic_agonist) ▾ 翻译此页

β2-adrenergic agonists, also known as β2-adrenergic receptor agonists, are a ... Salbutamol and terbutaline are also both available in oral forms. ... placebo," while used to treat chronic obstructive pulmonary disease (COPD). ... Dopamine receptor agonist - Dopamine receptor antagonist - Dopamine reuptake inhibitor (DRI).

## Cardiovascular safety of β2-adrenoceptor agonist use in ...

[www.researchgate.net/.../8619444\\_Cardiovascular\\_safety\\_of\\_2...](http://www.researchgate.net/.../8619444_Cardiovascular_safety_of_2...) - 翻译此页

... safety of β2-adrenoceptor agonist use in patients with obstructive airway disease: A ... Both muscarinic antagonists and β2-agonists have previously been ...