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### Clinical application of transcriptional activators of bile salt transporters

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

作者: A Baghdasaryan - 2014 - 被引用次数: 22 - [相关文章](#)

Various BSEP mutations **differently** impact on transporter activity leading to a .... **BS-mediated** BSEP expression is likely to be influenced by intracellular BS flux ..... Apart from **CAR**, **PXR** may also be beneficial in **cholestasis** by induction of BS ... of serum liver enzymes and liver histology **in early stage** PBC (Leuschner et al., ...

### Coordinated Roles of Pregnane X Receptor and Constitutive ...

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

作者: M Ohbuchi - 2013 - 被引用次数: 6 - [相关文章](#)

This autoinduction was also observed in Pxr-null and Car-null mice but not in ... and the induced VRC **metabolism** was inhibited by ketoconazole (a **CYP3A**... in mouse livers and that **PXR- and CAR-mediated** CYP3A11 induction, namely, ... **PXR/CAR** might determine the VRC efficacy in **different** mammalian species. Go to: ...

缺少字词: [modulate late stage cholestasis](#)

### Compensatory changes in CYP expression in three different ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5370058/> - [翻译此页](#)

作者: R Kumar - 2017 - [相关文章](#)

2017年3月28日 - These models are widely used in the study of the **metabolism** and distribution of ... Recently, knocking out **Cyp3a** was shown to increase **Cyp2c-mediated metabolism** of ... There are currently two **different Cyp3a** knockout mouse models; not ..... Cyp genes decreased in either **CAR-null** or **CAR/PXR-null** mice ...

缺少字词: [late stage cholestasis](#)

### Targeting the pregnane X receptor in liver injury (review)

<pubmedcentralcanada.ca/pmcc/articles/PMC4319648/> - [翻译此页](#)

作者: T Li - 2012 - 被引用次数: 10 - [相关文章](#)

2012年8月23日 - **PXR modulates** hepatic drug **metabolism** ... However, PXR null mice completely lack inducibility of **CYP3A** by PCN or **PCN-mediated** induction of drug resistance. ... In addition to FXR, the

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 35758

Manuscript Type: ORIGINAL ARTICLE

### Basic Study

**Pregnane X receptor and constitutive androstane receptor modulate differently CYP3A-mediated metabolism in early- and late-stage cholestasis**

Gabbia D *et al.* CYP3A-mediated metabolism in cholestasis

Daniela Gabbia, Arianna Dalla Pozza, Laura Albertoni, Roberta Lazzari, Giorgia Zigiotta, Maria Carrara, Vincenzo Baldo, Tatjana Baldovin, Annarosa Floreani, Sara De Martin

### Abstract

#### AIM

To ascertain whether cholestasis affects the expression of two CYP3A isoforms

### Match Overview

1	<b>Crossref</b> 35 words Fiorucci, Stefano, Angela Zampella, and Eleonora Distrutti. "Development of FXR, PXR and CAR Agonists and A..."	1%
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### [Coordinated Roles of Pregnane X Receptor and Constitutive ...](#)

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)作者: M Ohbuchi - 2013 - 被引用次数: 6 - [相关文章](#)

The **pregnane X receptor** (PXR) and the **constitutive androstane receptor** (CAR) ... as a critical transcription factor in phenobarbital-mediated CYP2B induction and has been ... To clarify the mechanism of the autoinduction of VRC **metabolism** in mice, we .... Correlations of **metabolic** activities for VRC with CYP3A activities.

缺少字词: **modulate late stage cholestasis**

您 17-8-6 访问过该网页。

### [Targeting the pregnane X receptor in liver injury \(review\) - NCBI - NIH](#)

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)作者: T Li - 2012 - 被引用次数: 10 - [相关文章](#)

2012年8月23日 - PXR **modulates** hepatic drug **metabolism** ... **Pregnane X receptor** (PXR), also known as the steroid and ... of CYP3A by PCN or PCN-mediated induction of drug resistance. ... results in **cholestasis**, which is a very common type of liver injury. .... In combination with the **constitutive androstane receptor** (CAR, ...

### [Pregnane X Receptor and Constitutive Androstane Receptor at the ...](#)

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)作者: J Gao - 2010 - 被引用次数: 96 - [相关文章](#)

2010年8月23日 - The **pregnane X receptor** (PXR) and the **constitutive androstane receptor** (CAR) ... Drug **Metabolism** Can Be Affected by Energy **Metabolism** ... Liver lipid accumulation, especially in the **early stage** of steatosis, can significantly .... and  $\beta$ -naphthoflavone-induced expression of **Cyp3a** and **Cyp1a** in rat primary ...

### [Modulation of constitutive androstane receptor \(CAR\) and pregnane X ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/21315811> - [翻译此页](#)作者: LE Anderson - 2011 - 被引用次数: 16 - [相关文章](#)

2011年2月18日 - **Modulation of constitutive androstane receptor** (CAR) and **pregnane X receptor** ... and **pregnane X receptor** (PXR) regulate xenobiotic sensing and **metabolism** ... P-450 CYP3A/genetics; **Cytochrome P-450 CYP3A/metabolism**

Pregnane X receptor and constitutive androstane receptor modulate differently C



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[Coordinated Roles of Pregnane X Receptor and Constitutive ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3591884/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3591884/>

The **pregnane X receptor** (PXR) and the **constitutive androstane receptor** (CAR) ... Both receptors regulate the expression of many **phase I** and **II** drug- metabolizing ... as a critical transcription factor in **phenobarbital-mediated** CYP2B induction and ... To clarify the **mechanism** of the autoinduction of VRC **metabolism** in mice, ...

[Targeting the pregnane X receptor in liver injury \(review\) - NCBI - NIH](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4319648/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4319648/>

23 Aug 2012 ... PXR **modulates** hepatic drug **metabolism** ... **Pregnane X receptor** (PXR), also known as the steroid and ... of **CYP3A** by PCN or **PCN-mediated** induction of drug resistance. ... results in **cholestasis**, which is a very common type of liver injury. .... In combination with the **constitutive androstane receptor** (CAR, ...

[Pregnane X Receptor and Constitutive Androstane Receptor at the ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2993451/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2993451/>

23 Aug 2010 ... The **pregnane X receptor** (PXR) and the **constitutive androstane receptor** (CAR) ... **Drug Metabolism** Can Be Affected by Energy **Metabolism** ... Liver lipid accumulation, especially in the **early stage** of steatosis, can significantly .... and  $\beta$ - naphthoflavone-induced expression of **Cyp3a** and **Cyp1a** in rat primary ...

[Background - PLOS](https://journals.plos.org/plosone/article/file?id=10.1371/journal...)

[journals.plos.org/plosone/article/file?id=10.1371/journal...](https://journals.plos.org/plosone/article/file?id=10.1371/journal...)

Background The **farnesoid-x-receptor** (FXR) is a bile acid sensor expressed in the ... protein (MRP)-4, a gene **mediating** basolateral secretion of bile acids, ... acids **during cholestasis** by facilitating their efflux into blood for ultimate renal ... induction caused by activation of **Constitutive Androstane Receptor** (CAR) [2] , [5] – [7] .

[Xenobiotic Metabolism, Disposition, and Regulation by Receptors ...](#)