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Basic Study

Resveratrol modifies biliary secretion of cholephilic compounds in sham-operated and cholestatic rats

Eva Dolezelova, Alena Prasnicka, Jolana Cermanova, Alejandro Carazo, Lucie Hyrsova, Milos Hroch, Jaroslav Mokry, Michaela Adamcova, Alena Mrkvicova, Petr Pavek, Stanislav Micuda

Abstract

AIM

To investigate the effect of resveratrol on biliary secretion of cholephilic compounds in healthy and bile duct-obstructed rats.

Match Overview

1

Crossref 31 words

Hirsova, Petra, Gabriela Karlasova, Eva Dolezelova, Jolana Cermanova, Marie Zagorova, Zuzana Kadova, Milos Hroch

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[ABCC2/Abcc2: a multispecific transporter with dominant excretory ...](#)

www.tandfonline.com/doi/full/10.3109/03602530903491741

5 Jul 2010 ... At this location, it is involved in the **biliary** elimination of both ... These **rats** have an autosomal recessive transport defect, resulting in ... ABCC2/Abcc2 transports a number of endogenous **compounds** ... 74, and 93%, compared to **sham-operated** animals after 24, 72, and 120 hours of BDL, respectively.

[\[PDF\] Effect of excessive vitamin A intake on muscle protein ... - NCBI](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC113519/pdf/biochemj00380-0217.pdf>

8 Sep 1981 ... 3-Methylhistidine **excretion** in vivo and in vitro was monitored in hypervitaminotic and pair-fed control **rats**. ... on adrenalectomized and **sham-operated rats**. Excessive ... remove low-molecular-weight **compounds**. L-Phenyl-

[Sham surgery - Wikipedia](#)

https://en.wikipedia.org/wiki/Sham_surgery

Sham surgery (placebo surgery) is a faked surgical intervention that omits the step thought to ... effects caused by anesthesia, the incisional trauma, pre- and postoperative care, and the patient's perception of having had a regular **operation**.

[experimental obstructive cholestasis: Topics by Science.gov](#)

<https://www.science.gov/.../experimental+obstructive+cholestasis.html>

Cholestasis may result from a failure in **bile secretion** in hepatocytes or ductular ... Alternative transport pathways of **cholephilic** 14C-hexobarbital metabolites in **rats** ... of **compounds** on **bile** acid homeostasis to aid in predicting the **cholestatic** ... METHODS: Forty **rats** were randomly divided into groups of **sham-operation**, ...

[cholestasis intrahepatic: Topics by Science.gov](#)

<https://www.science.gov/topicpages/c/cholestasis+intrahepatic>

Two cases were **compound** heterozygous for BRIC/PFIC2 mutations. ... **Resveratrol** reduces matrix metalloproteinases and alleviates intrahepatic **cholestasis** of ... ICP is caused by impaired **biliary** lipid **secretion**, in which endogenous ... Wistar **rats** were divided into four



Resveratrol modifies biliary secretion of cholephilic compounds in sham-oper



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作者: M Quinn - 2012 - 被引用次数: 21 - 相关文章

2011年10月6日 - In the BDL **rat** model of **cholestasis**, there is a general suppression ACTH expression and **secretion** were assessed at various times treatment had no effect on **biliary** mass in **sham-operated** animals We previously showed that the effects of a **compound** on ductal **secretion** often parallel its effects on ...

缺少字词: ~~resveratrol~~ ~~modifies~~ ~~cholephilic~~

Cholestasis progression effects on long-term memory in bile duct ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4219212/> - 翻译此页

作者: N Hosseini - 2014 - 被引用次数: 2 - 相关文章

2014年10月20日 - ... PubChem BioAssay, PubChem **Compound**, PubChem Substance ... **Bile** duct ligation induces **cholestasis** as a result of impaired liver function and cognition. ... that cause a failure in **bile secretion** in hepatocytes or ductular cells or an Liver biochemistries from BDL and **sham-operated rats** 21 days ...

缺少字词: ~~resveratrol~~ ~~modifies~~ ~~cholephilic~~

ABCC2/Abcc2: a multispecific transporter with dominant excretory ...

www.tandfonline.com/doi/full/10.3109/03602530903491741 ▼

作者: K Jemnitz - 2010 - 被引用次数: 82 - 相关文章

2010年1月19日 - At this location, it is involved in the **biliary** elimination of both ... These **rats** have an autosomal recessive transport defect, resulting in ABCC2/Abcc2 transports a number of endogenous **compounds** 74, and 93%, compared to **sham-operated** animals after 24, 72, and 120 hours of BDL, respectively.

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