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Basic Study

Expression of renal Oat5 and NaDC1 transporters in rats with acute biliary obstruction

Brandoni A *et al.* Oat5 and NaDC1 renal expression in cholestasis

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Author contributions: Brandoni A has ¹¹designed research, performed research,

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G Di Giusto, N Anzai, H Endou... - Journal of Histochemistry ..., 2009 - jhc.sagepub.com
... **Oat5** expression level is high and the basolateral membrane **Oat3** expressions level is ... **NaDC1** is mainly expressed in the epithelial cells of the **kidney** proximal tubule and ... The downregulation of **Oat5** and **NaDC1** protein expression in homogenates and apical membranes from ...

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G Di Giusto, AM Torres - Archives of toxicology, 2010 - Springer
... are referred to the respective controls, considered as 100%, and are expressed as means ... A, Villar SR, Picena JC, Anzai N, Endou H, Torres AM (2006a) Expression of rat ... AM (2009a) **Oat5** and **NaDC1** protein abundance in **kidney** and urine after **renal** ischemic reperfusion injury ...

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Drug transport by organic anion transporters (OATs)

G Burckhardt - Pharmacology & therapeutics, 2012 - Elsevier
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G Di Giusto, N Anzai, ML Ruiz, H Endou... - Archives of toxicology, 2009 - Springer
... carrier units exist in BLM vesicle from HgCl₂ **rats**, which is in agreement with the lower expression of Oat1 ... Fur- thermore, the total body clearance can be expressed as the ... in the elimination of the drug from the central compartment, such as metabolism and **renal** and **biliary** ...

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RP Bulacio, AM Torres - Archives of toxicology, 2013 - Springer
... In this experimental model, the **kidney**/body weight ratio, plasma urea and creatinine levels, creatinine clearance, AP uri ... results are expressed as mean values ± seM. ... In this model, **Oat5 renal expression** was decreased in a dose-related manner, both in homogenates and apical ...

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作者：G Di Giusto - 2009 - 被引用次数：13 - [相关文章](#)

The **expression** of **Oat5** and **NaDC1** was evaluated by IHC and Western blotting. ...

Keywords: **acute renal** failure, ischemia and reperfusion, **Oat5**, **NaDC1** ... In addition, the mouse **Oat5**, but not the **rat Oat5**, was found to **transport** salicylate, of **rat renal** cortical OAT1 and OAT3 in response to **acute biliary obstruction**.

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When **expressed** in *Xenopus* oocytes, Oat9S mediated the **transport** of The **expression** of **Oat5** and **NaDC1** was evaluated by IHC and Western blotting. **Oat5** of **rat renal** cortical OAT1 and OAT3 in response to **acute biliary obstruction**.

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Expression and function of **renal** organic anion **transporters** (oats) in health and ... of **rat renal** cortical OAT1 and OAT3 in response to **acute biliary obstruction**. ... Endou H., Torres A. M. **Oat5** and **NaDC1** protein abundances in **kidney** and urine ...

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Organic anion **transporter 5** (**Oat5**) **renal expression** and urinary excretion in **rats** treated Hg5 **rats** showed an increase in urinary excretion of **Oat5** and **NaDC1** as