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**Alkaline sphingomyelinase (NPP7) in hepatobiliary diseases: A field that needs to be closely studied**

Duan RD. NPP7 in hepatobiliary diseases

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**Author contributions:** Duan RD wrote this review.

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This **study** demonstrates the occurrence of a **sphingomyelinase** (SMase) in both human hepatic bile and gallbladder bile. The enzyme was equally found in both bacteria negative and positive bile samples and in samples obtained from patients with or without gallbladder **diseases**. A bacteria-free gallbladder bile was used ...

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Mar 14, 2017 - Author contributions: AG designed the **study** and carried out cloning. KI conducted baculovirus generation and insect cell ... **NPP7** is the only paralog that can cleave SM, and its activity requires the presence of bile salts, a class of physiological anionic detergents. To elucidate the mechanism of substrate ...

Missing: hepatobiliary diseases field needs closely

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作者 : Y Cheng - 2002 - 被引用次数 : 46 - [相关文章](#)

1 To whom correspondence **should** be addressed. e-mail: rui-dong.duan@med.lu.se. Abstract. Intestinal **alkaline sphingomyelinase** (SMase) has physiological roles in the digestion of sphingomyelin (SM) and clinical implications in colonic carcinogenesis. In the present work, the enzyme from rat has been purified ...

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