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Changes in rat liver gene expression induced by thioacetamide: protective role

glutathione biosynthesis and switches MAT2/MAT1 turnover in hepatitis c ...

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Site-directed mutagenesis of rat liver S-adenosylmethionine synthetase ... of glutathione

synthesis in the liver leads to S-adenosyl-L-methionine P0708 : S-

adenosylmethionine (SAM) enhances antioxidant enzyme systems, glutathione

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S-Adenosylmethionine modulates inducible nitric oxide synthase gene expression in rat

liver and isolated hepatocytes N, Sasaki, R et al, S-Adenosyl-L-methionine attenuates

alcohol-induced liver injury in the baboon. glutathione biosynthesis and switches

MAT2/MAT1 turnover in hepatitis c virus expressing cells.

S-Adenosylmethionine in cell growth, apoptosis and liver ...

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

作者: SC Lu - 2008 - 被引用次数: 119 - 相关文章

In liver cancer cells but not in normal human hepatocytes, SAMe can ... MAT1A is

expressed mostly in the liver and it encodes the α1 subunit found in two ... This switch



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 Name of the Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 23935

Manuscript Type: ORIGINAL ARTICLE

Basic Study

S-adenosyl-L-methionine modifies antioxidant-enzymes, glutathione-biosynthesis and methionine-adenosyl transferases-1/2 in hepatitis C virus-expressing cells

 Lozano-Sepulveda SA *et al.* SAM decreases HCV-RNA expression

Sonia Amelia Lozano-Sepulveda, Eduardo Bautista-Osorio, Jose Angel Merino-Mascorro, Marta Varela-Rey, Linda Elsa Muñoz-Espinosa, Paula Cordero-Perez, María Luz Martinez-Chantar, Ana Maria Rivas-Estilla

Abstract

AIM: To elucidate the mechanism(s) by which S-adenosyl-L-methionine (SAM)

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CD133+ Liver Cancer Stem Cells from Methionine Adenosyl ...

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作者: W Ding - 2009 - 被引用次数: 66 - 相关文章

CD133⁺ Liver Cancer Stem Cells from Methionine Adenosyl Transferase ... (MAT) is an essential enzyme required for S-adenosylmethionine biosynthesis, ... inducing expression of the CDK inhibitors p21 and p15, and down-regulating c-myc, ... Subsequent analyses focus on tumorigenic lines: CSC clone lines 1, 2, and 3.

Herbal Products: Benefits, Limits, and Applications in ...

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作者: A Del Prete - 2012 - 被引用次数: 31 - 相关文章

2012年9月6日 - A systematic review about the use of CAM in chronic hepatitis C has been ... and liver are mainly the result of phase II metabolism by biotransformation enzymes and, ... Quercetin tends to downregulate the ethanol-induced expression of ... The treatment of cells with S-adenosyl-L-methionine (AdoMet) and ...

S-adenosylmethionine (SAME) therapy in liver disease: A ...

www.sciencedirect.com/science/article/.../S0168827812004096 ▾ [翻译此页](#)

作者: QM Anstee - 2012 - 被引用次数: 59 - 相关文章

S-adenosyl-L-methionine (SAME; AdoMet) is an important, metabolically ... SAME synthesis is depressed in chronic liver disease and so there has been ... fatty liver disease (NAFLD), cholestasis, viral hepatitis, ischemia/reperfusion, liver ... be processed to form the primary endogenous cellular antioxidant, glutathione (Fig.

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Role of Methionine Adenosyltransferase Genes in ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者：K Ramani - 2011 - 被引用次数：8 - 相关文章

2011年3月24日 - **Methionine adenosyltransferase** (MAT) is an essential **enzyme** required for the **biosynthesis** of **S-adenosylmethionine** (AdoMet), ... The primary risk factors for HCC include infection with hepatitis B and **hepatitis C viruses**, and MAT1A gene **expression** in the human hepatoblastoma **cell** line (HepG2) is ...

s-adenosylmethionine in liver health, injury, and cancer

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) ▾ 翻译此页

作者：SC Lu - 2012 - 被引用次数：91 - 相关文章

In mammals, two genes, MAT1A that is largely **expressed** by normal liver and MAT2A that is ... The discovery of **S-adenosyl-L-methionine** (AdoMet, also frequently **Methionine adenosyltransferase** (MAT) is the **enzyme** that catalyzes the early **viral** responses and IFN-stimulated gene induction in chronic **hepatitis C** ...

S-adenosylmethionine (SAdMe) therapy in liver disease: A ...

www.sciencedirect.com/science/article/.../S0168827812004096 ▾ 翻译此页

作者：QM Anstee - 2012 - 被引用次数：59 - 相关文章

S-adenosyl-L-methionine (SAdMe, AdoMet) is an important, metabolically ... fatty liver disease (NAFLD), cholestasis, **viral hepatitis**, ischemia/reperfusion, liver ... L-methionine and ATP by the **enzyme methionine adenosyltransferase** (MAT; EC processed to form the primary endogenous **cellular antioxidant**, **glutathione** (Fig.

[PDF] Protective Effect of S-Adenosylmethionine against ...

www.biomed.cas.cz/physiolres/pdf/55/55_551.pdf ▾ 翻译此页

作者：O KUČERA - 2006 - 被引用次数：27 - 相关文章