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Basic Study

Untargeted metabolomics characteristics of nonobese nonalcoholic fatty liver disease induced by high-temperature-processed feed in Sprague-Dawley rats

Yao SK *et al.* Untargeted metabolomics characteristics of nonobese NAFLD

Li-Jun Xue, Ju-Qiang Han, Yuan-Chen Zhou, Hong-Ye Peng, Teng-Fei Yin, Kai-Min Li, Shu-Kun Yao

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Untargeted metabolomics characteristics of nonobese nonalcohol



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Berberine ameliorates intestinal mucosal barrier ...

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Jul 01, 2020 · **Nonalcoholic fatty liver disease** (NAFLD) is one of the most common chronic **liver** diseases worldwide. Pathogenesis of NAFLD has not been fully elucidated. The 'gut-**liver** axis' has become a hot topic in the field of **liver disease**. Of which, intestinal mucosal barrier damage has gained attention from researchers.

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Author: Yuzhen Wang, Suxian Cui, Jimin Zheng,...

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The Epidemiology of Nonalcoholic Fatty Liver Disease: A ...

https://www.researchgate.net/publication/23424044_The_Epidemiology_of_Nonalcoholic...

Dec 01, 2008 · **Nonalcoholic fatty liver disease** (NAFLD) is an increasingly recognized cause of **liver disease** in the United States and worldwide. With obesity being an important risk factor universally, NAFLD is ...

Metabolomics-driven identification of perturbations in ...

<https://pubs.rsc.org/en/content/articlehtml/2020/ra/c9ra05187b> ▼

The **rats** in the model group were fed a special **feed** and the **rats** in the control group were fed conventional food for 28 days. The special **feed** was composed of fish pine, milk powder, sugar, corn flour, soy flour, fresh eggs, and fresh meat fat meat at a proportion of 1: 1: 1: 1: 2: 1.8: 2. 2.3 Conventional index and biochemical index detection

Cited by: 1

Author: Hong Yao, Peng Cheng, Xu Chun, Ming

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In vitro and in vivo models of non-alcoholic fatty liver disease (NAFLD). International journal of molecular sciences 14 , 11963–11980, doi: 10.3390/ijms140611963 (2013).

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Purpose Non-alcoholic fatty liver disease (NAFLD) is the most common liver disease which has become a public health concern, whose growing prevalence has been reported as around 33.9% in Iran.

The addition of whole soy flour to cafeteria diet reduces ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4015690>

It was interesting to note that whole soy flour in the cafeteria diet decreased the liver fat ($p < 0.05$), countering the effect of the high-fat diet. This fact shows the biologic protective effect of soy flour in response to metabolic syndrome, as an effective prevention of non-alcoholic fatty liver disease (NAFLD).

Cited by: 10

Author: Gláucia Ferreira Andrade, Crislaine das ...

Publish Year: 2013

The Epidemiology of Nonalcoholic Fatty Liver Disease: A ...

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Nonalcoholic fatty liver disease (NAFLD) is an increasingly recognized cause of liver disease in the United States and worldwide. With obesity being an important risk factor universally, NAFLD is ...

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In vitro and in vivo models of **non-alcoholic fatty liver disease** (NAFLD). International journal of molecular sciences 14 , 11963–11980, doi: 10.3390/ijms140611963 (2013).

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Purpose of review: **Non-alcoholic fatty liver disease** (NAFLD) is the most prominent chronic **liver disease** in Western countries, affecting approximately 25% of the population worldwide.

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The purpose of this study was to determine the effects of glucocorticoid-induced metabolic dysfunction in the presence of diet-induced obesity. C57BL/6J adult male lean and diet-induced obese mice were given dexamethasone, and levels of hepatic steatosis, ...