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### Murine study of portal hypertension associated endothelin-1 hypo-response

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#### Abstract

**AIM:** To investigate endothelin-1 hypo-responsive associated with portal hypertension in order to improve patient treatment outcomes.

**METHODS:** Wild type, *eNOS*<sup>-/-</sup> and *iNOS*<sup>-/-</sup> mice received partial portal vein ligation surgery to induce portal hypertension or sham surgery. Development of portal hypertension was determined by measuring the splenic pulp pressure, abdominal aortic flow and portal systemic shunting. To measure splenic pulp pressure, a microtip pressure transducer was inserted into the spleen pulp. Abdominal aortic flow was measured by placing an ultrasonic Doppler flow probe around the

#### Match Overview

Rank	Source	Words	Match %
1	CrossCheck	328 words Theodorakis, N.G., "The role of nitric oxide synthase isoforms in extrahepatic portal hypertension: studies in gene-kn...	3%
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