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Basic Study

12 Role of pentoxifylline in non-alcoholic fatty liver disease in high-fat diet-induced obesity in mice

11 Simone Coghetto Acedo, Cintia Rabelo e Paiva Caria, Érica Martins Ferreira Gotardo, José Aires Pereira, José Pedrazzoli, Marcelo Lima Ribeiro, Alessandra Gambero

Abstract

AIM: To study pentoxifylline effects in liver and adipose tissue inflammation in obese mice induced by high-fat diet (HFD).

METHODS: Male swiss mice (6 week old) were fed a high-fat diet (HFD; 60% Kcal from fat) or AIN-93 (control diet; 15% Kcal from fat) for 12 weeks and received pentoxifylline intraperitoneally (100 mg.kg⁻¹.day) for the last 14 days. Glucose homeostasis was evaluated by measurements of basal glucose blood

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