

Modulation of rat liver peroxisomal and microsomal fatty acid oxidation by starvation

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In this work the microsomal lauric acid ω -hydroxylation, fatty acid peroxisomal ω -oxidation, and the levels of cytochrome P-450 IVA1 were studied in liver tissue from starved rats. Starvation increased the peroxisomal ω -oxidation and the microsomal hydroxylation of fatty acids. The correlation between these activities would support the proposal that both processes are linked, contributing in part to catabolism of fatty acids in liver of starved rats. © 1992.