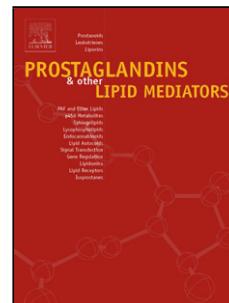


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Activation of the 12/15 lipoxygenase pathway accompanies metabolic decline in db/db pre-diabetic mice

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Highlights

- db/db pre-diabetic mice show tissue specific expression pattern of 12LO isoforms
- the main metabolite produced in islets and visceral adipose tissue is 12(S)-HETE
- the increase in eicosanoid production in islets and adipose tissue parallels the metabolic decline

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