

Introduction

Transforming growth factor-beta significantly upregulated in human (canonical) TGF-β mediated Smad signaling pathway promotes NASH by inducing lipid accumulation in hepatocytes and contributing to hepatocyte death, and by activating hepatic stellate cells within the liver.

TGF-β receptor I (activin A receptor type II-like kinase, ALK5) is an attractive target for intervention in canonical TGF- β 1 signaling due to its druggability, centrality, and specificity in the pathway. Silencing this pathway is expected to attenuate hepatic steatosis and fibrosis.

Aim

Method

Western Diet – ad libitum



Conclusions

Acknowledgements



TLR-X (IOA-359) attenuates steatosis and fibrosis in a preclinical NASH model

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