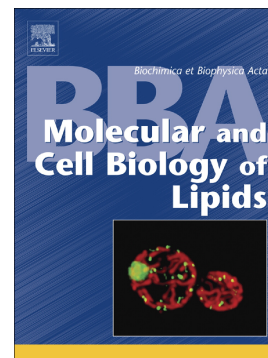


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**Liver-directed microRNA-7a depletion induces nonalcoholic fatty liver disease
by stabilizing YY1-mediated lipogenic pathways in zebrafish**

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Abbreviations

NAFLD, nonalcoholic fatty liver disease; NASH, nonalcoholic steatohepatitis; FLD, fatty liver disease; YY1, Yin Yang 1; CHOP-10, C/EBP homologous protein 10; PPAR- γ , peroxisome proliferator-activated receptor gamma; C/EBP- α , CCAAT enhancer binding protein-alpha; SREBP-1c, sterol regulatory element binding transcription factor 1c; FAS, fatty acid synthase; DGAT2, diacylglycerol O-acyltransferase 2; miRs, microRNAs; miR-SP, microRNA-sponge.

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