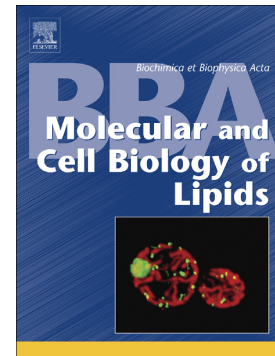


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**Spontaneous development of hepatosteatosis in perilipin-1 null mice with adipose tissue dysfunction**

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**The abbreviation list:**

Plin, perilipin;  
PPAR, peroxisome proliferator-activated receptor;  
SREBP1c, sterol regulatory element-binding transcription factor 1c;  
ChREBP, carbohydrate response element binding protein;  
SCD1, stearoyl-CoA desaturase 1;  
ACSL1, long-chain acyl-CoA synthetase-1;  
LFABP, liver fatty acid-binding protein;  
AFABP, adipocyte fatty acid-binding protein;  
CPT1, carnitine palmitoyltransferase 1;  
DGAT, diacylglycerol acyltransferase;  
FFA, free fatty acids;  
FAS, fatty acid synthase;  
FATP, fatty acid transport protein;  
ACC, acetyl-CoA carboxylase;  
Very long-chain (VLCAD), long-chain (LCAD), medium-chain (MCAD) acyl-CoA dehydrogenase;

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