Summary of commonly used diets and their expected effects on NAFLD/NASH in rats and mice

Diet	Rodent Model	Body Weight	Plasma Fasting Glucose/ Insulin	Steatosis	Steato Hepatitis	Fibrosis	Time Frame (Fibrosis) #
Methionine Choline Deficient Diet (MCD)	Rats and Mice	↓	↓	+++	+++	++	4-8 weeks
0.1% Methionine Choline Deficient High-Fat Diet (CDAHFD)	Mainly Mice	↓*	No Change	+++	+++	++	6-12 weeks
Choline Deficient Amino Acid Diet With 0.17% Methionine (CDAA)	Rats and Mice	No Change	↑ Mainly Mice	+++	++	++	4-8 weeks (rats) 12weeks (mice)
Choline Deficient High-Fat Diet (CD)	Mainly Mice	↑	↑	+++	++	++	12 months
High-Fat Diet (HFD)	Rats and Mice	↑	↑	+++	++	+ Mild at best	24 weeks (rats) 16 weeks (mice)
High Fructose Diet (HFR)	Mainly Rats	No Change	↑	+++	++	++	12 weeks
High-Fat, High Fructose, High-Cholesterol Diet	Rats and Mice	↑	↑	+++	++	+ Mainly Mice	16 weeks (rats) 20-30 weeks (mice)

+ Mild, ++ Modest, +++ Severe
# The length depends on diet formula, length of study, species, strain and gender of the animal model.
* Compared to low-fat, methionine and choline sufficient group.
Body weight of these animals typically remain unchanged compared to baseline.