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Choline prevents fetal overgrowth and normalizes placental fatty acid and glucose metabolism in a mouse model of maternal obesity

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## ACCEPTED MANUSCRIPT

**TITLE** Choline prevents fetal overgrowth and normalizes placental fatty acid and glucose metabolism in a mouse model of maternal obesity

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Conflict of interest: The authors declare no conflicts of interest.

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**Abbreviations:** Acox1, peroxisomal acyl-coenzyme A oxidase 1; AKT, protein kinase B; CD36, fatty acid translocase; CPT1B, carnitine palmitoyltransferase 1b; E, embryonic day; FATP, fatty acid transport protein; GDM, gestational diabetes mellitus; GLUT, glucose transporter; HF, high-

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