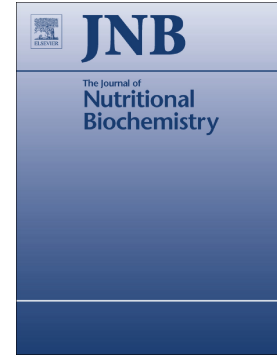


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A long-term maternal diet intervention is necessary to avoid the obesogenic effect of maternal high-fat diet in the offspring

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**A long-term maternal diet intervention is necessary to avoid the obesogenic effect of maternal high-fat diet in the offspring**

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Running title: Early maternal diet intervention prevented offspring obesity

Key words: maternal diet intervention, high-fat diet, offspring obesity, insulin signaling, Akt signaling, AMPK signaling

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