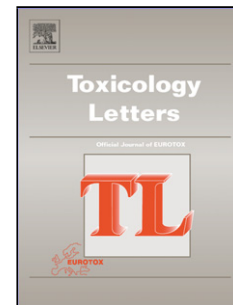


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**Title page****Placental mechanism of prenatal nicotine exposure-reduced blood cholesterol levels in female fetal rats**

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**Highlights**

- Prenatal nicotine exposure ( PNE ) induces low cholesterol levels in female fetal blood
- Reduced placental cholesterol transport mediates PNE-induced low cholesterol levels in female fetal blood
- nAChR-LXR signaling is involved in PNE-reduced placental cholesterol transport

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