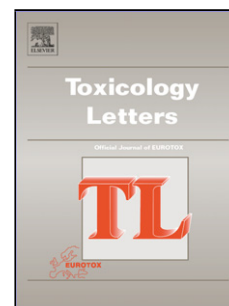


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Lead (Pb) induced ATM-dependent mitophagy via PINK1/Parkin pathway

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Highlights

- Lead induces PINK1/Parkin-mediated mitophagy *in vitro* and *in vivo*.
- Lead-activated ATM interacts with PINK1.
- ATM affects the phosphorylation of PINK1 and Parkin.

Abstract

Lead (Pb), a widely distributed environmental pollutant, is known to induce mitochondrial damage as well as autophagy *in vitro* and *in vivo*. In this study, we found that Pb could trigger mitophagy in both HEK293 cells and the kidney cortex of male Kunming

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