Exploring the toxicity of Bismuth-asparagine coordination polymer in early development of zebrafish embryos

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1. The effection of BACP-2 at different concentration on cartilage development.

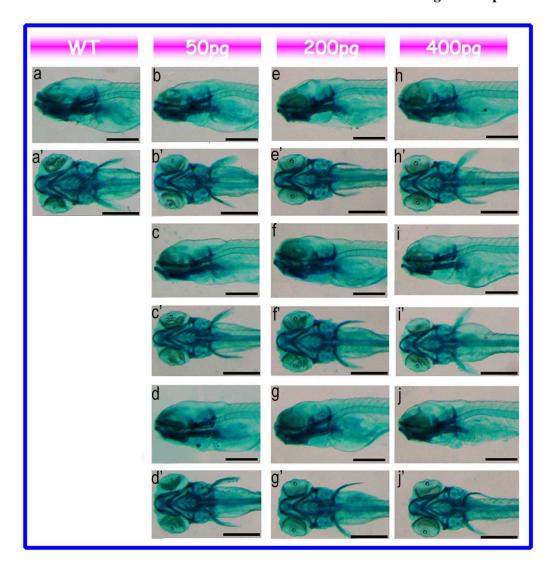


Figure S1. The cartilage development of embryos injected with 0 pg, 50 pg, 200pg and 400 pg BACP-2 at 5dpf. A-L, showing the lateral view. A'-L', showing the ventral view. Scale bars, 500μm.

2. Statistical analysis of expression of krox20 in wild-type embryos and 400 pg BACP-2 injected embryos.

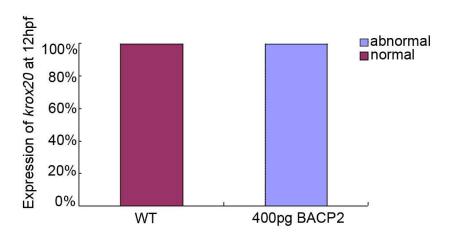


Figure S2. The percentages of different expression patterns of *krox20* in wild-type embryos and 400 pg BACP-2 injected embryos at 12 hpf.

3. Statistical analysis of expression of *Otx2* in wild-type embryos and 400 pg BACP-2 injected embryos.

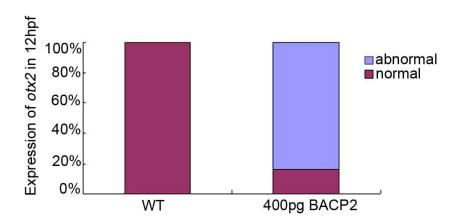


Figure S3. The percentages of different expression patterns of *otx2* in wild-type embryos and 400 pg BACP-2 injected embryos at 12 hpf.

4. Statistical analysis of expression of *cmlc2* in wild-type embryos and 400 pg BACP-2 injected embryos at 24 hpf.

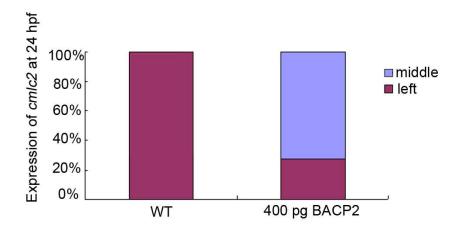


Figure S4. The percentages of different expression patterns of *cmlc2* in wild-type embryos and 400 pg BACP-2 injected embryos at 24 hpf.

5. Statistical analysis of expression of *cmlc2* in wild-type embryos and 400 pg BACP-2 injected embryos at 33 hpf.

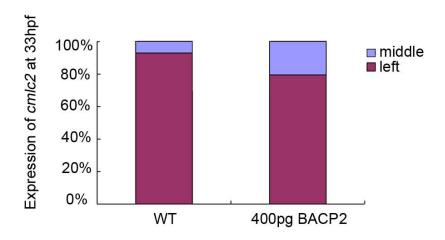


Figure S5. The percentages of different expression patterns of *cmlc2* in wild-type embryos and 400 pg BACP-2 injected embryos at 33 hpf.