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A novel repetitive mild traumatic brain injury mouse model for chronic traumatic encephalopathy research

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Highlights

- We develop a novel rmTBI model that represents clinical settings of mild TBI & CTE
- The model does not induce any adverse effects as described in existing rmTBI models
- A short research period of 5w post-injury was allowed for observing chronic changes
- Self-designed molded acrylic cast and concave metal disc are used in modeling
- Chronic neuroinflammation, neurodegeneration and cognitive dysfunction are observed

Abstract

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