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## Comparison of Infectivity and Virulence of clones of *Trypanosoma evansi* and *Trypanosoma equiperdum* Venezuelan strains in mice

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### Highlights

- *Trypanosome clones maintain the infectivity and virulence of the original strains in mice experimental infections.*
- *T. equiperdum develop higher parasitemia than T. evansi in a short period of time in mice model.*
- *T. equiperdum infected mice develop some anemia but do not show the classical Dourine clinical signs since 100% of them died in 8 days.*

### Abstract

Livestock trypanosomoses, caused by three species of the *Trypanozoon* subgenus, *Trypanosoma brucei* *brucei*, *T. evansi* and *T. equiperdum* are widely distributed and limit animal production throughout the

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