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Review

Rodent, large animal and non-human primate models of spinal cord injury

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HIGHLIGHTS

- Animal models may help in identifying injury mechanisms in humans with spinal cord injury (SCI).
- Results from rodent studies are useful but there are anatomical and functional differences.
- Results from large animal models are useful in developing treatment strategies in humans.
- SCI in dogs is intermediate between rodent models and human clinical trials.
- The primate models help to develop appropriate methods relevant to humans.

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