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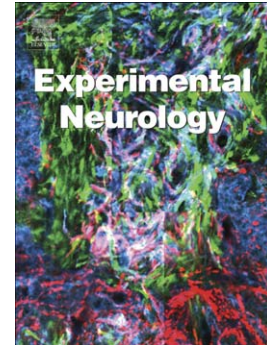
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Highlights

- Immunodeficient mice were engrafted with human hematopoietic stem cells
- Human immune cells developed in peripheral blood and tissues
- After SCI, human immune cells infiltrate the injured mouse spinal cord
- Functional recovery and spinal cord pathology mimic conventional mouse SCI models
- Humanized mice are a novel model to study human immune function after SCI

Keywords

Spinal cord injury, humanized mice, inflammation, neuroimmunology, macrophages, lymphocytes, functional recovery, stem cells, hematopoiesis

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