

## Special Issue

# Advances in the Clinical Treatment of Adult Spinal Cord Injury and Rehabilitation Medicine—2nd Edition

### Message from the Guest Editor

Traumatic spinal cord injury (SCI) is one of the most feared complications of spinal fractures and almost always leads to significant impairment. This is often considered a great socioeconomic burden and its rehabilitation demands are high. Therefore, close cooperation between acute care hospitals and rehabilitation facilities is crucial for effective therapy. The importance of early surgical intervention and decompression has been broadly acknowledged. In the field of spinal cord injury, high-quality preclinical research and innovative development are advancing to further improve patient care and outcomes, and to contribute to enhancing today's postoperative care and rehabilitation. The following topics will be covered in this Special Issue:

The role of novel diagnostic and surgical techniques in optimizing clinical outcomes.

The development of modulators for neuroprotection.

The introduction of novel outcome prediction models based on new digital technologies.

Biological and biotechnological approaches to neuronal regeneration.

Case-based rehabilitation models tailored to patient needs.

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### Guest Editor

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