

DoD Spinal Cord Injury Research Program (SCIRP)

Each year, the Department of Defense's office of the Congressionally Directed Medical Research Programs (CDMRP) assesses scientific opportunities to advance research in specific areas. The investigators supported by individual programs are making significant progress against targeted diseases, conditions, and injuries. This list is not intended to be a full representation of accomplishments, but rather a sampling of the broad portfolio of research and advances resulting from congressional appropriations.

Year	SCIRP Research Contributions	Additional Information and Hyperlinks
2009	Drs. Gregory Dekaban and Arthur Brown developed and optimized anti-CD11d antibody therapy in a rat spinal cord injury model to reduce inflammation and improve neurological recovery.	<ul style="list-style-type: none">• SCIRP Research Highlight
2009	Drs. Damien Pearse, Mary Bunge, and James Guest obtained preliminary results of Schwann cell implantation for spinal cord injury repair. The data allow for FDA approval to begin clinical safety trials in humans.	<ul style="list-style-type: none">• SCIRP Research Highlight
2009	Drs. Gordon Mitchell, Gillian Muir, and Randy Trumbower, through preliminary animal experiments, showed that acute intermittent hypoxia combined with daily training elicits sustained improvement in limb motor function of treated animals with chronic cervical spinal cord injury.	<ul style="list-style-type: none">• SCIRP Research Highlight