

OHIO STATE UNIVERSITY NEUROSCIENCE CENTER CORE

INJURY CORE TERMS OF SERVICE

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Purpose

The primary objective of the CNS/PNS Injury Core is to provide centralized expertise and facilities for modeling injuries to the nervous system in rodents, including post-injury care and assessment of post-injury motor and sensory function.

Initiation of projects

Please contact the Core Director to set up an initial consultation to discuss your specific needs. All projects are initiated at the discretion of the Core Director. We will do our best to provide you with CNS/PNS injury services, but if scheduling conflicts arise, the order of priority will be as follows: (1) NINDS-funded projects, (2) other funded neuroscience projects and neuroscience projects of Junior investigators (within 5 years of their appointment), and (3) PIs that are seeking to obtain preliminary data for an extramural neuroscience grant application.

Once we have established what testing will be necessary for your rodents, we will transfer your rodents to our Wiseman Hall laboratory (animals are maintained within the facility) and either transfer them onto our animal use protocol or have you add our Wiseman facility rooms to your protocol. PIs are responsible for all *per diem* charges incurred during the experiment. Once the transfer is complete, the Core staff will perform the injuries and related tests for motor/sensory recovery and will provide you a preliminary analysis of the results. Depending on the type of injury performed, your animals either will be maintained in Wiseman until the end of the study or transferred back to you.

Services

The primary service of the Core is to provide standardized peripheral nerve injuries or spinal cord injuries. The following list describes the specific models that are available:

1. Sciatic nerve transection
2. Spinal contusion injury
3. Traumatic brain injury
4. Focal spinal injury via microinjection of specific agents or toxins, e.g. LPS, zymosan
5. Focal spinal demyelination via microinjection of lysolecithin or ethidium bromide
6. Assessment of forelimb and hind limb motor and sensory function

User Responsibilities

Once a project is accepted preliminarily by the Core, the User and Core Director must establish minimal and maximal costs for the project up front, as well as make arrangements (where applicable), regarding (co-) authorships and/or intellectual property issues. Communication regarding scientific questions and experimental outcomes should be primarily between the Core Director and User, and the User needs to communicate these terms of service to all lab-members involved in the project. The Core Director may allow logistical or technical issues, such as the timing of individual experiments, to be discussed directly with Core staff. The User agrees to acknowledge Center Core grant P30 NS104177 in any and all publications stemming from data provided to the User by the Core. The User acknowledges that the Core reserves the right to halt or cancel experiments if: A) a minimal likelihood of completion is indicated by the results obtained, B) the User fails to provide requested information on experiments or animals to the Core Director or Core staff, C) the feasibility of attaining the experimental goals become unrealistic, D) non-adherence by the User to proper personal conduct and/or violation of university rules/procedures.