

Skeletal muscle denervation by removal of sciatic Nerve

Procedure

1. Anesthetize the mice using isoflurane.
2. Shave around the dorsal part of the right thigh and sterilize the skin by using beta-dine and ethanol.
3. Cut the skin and expose the sciatic nerve by blunt dissecting the posterior thigh muscles.
4. Cut the nerve and remove a 5-mm nerve section.
5. Close the skin with suture.
6. Harvest muscles after two weeks.