

Worthington Support

**Register for NEW Educational Webinar: Neuronal Cell Isolation
from Rodent Peripheral and Central Nervous Systems
on Zoom, Date & Time: November 5, 2025
11:00 AM EST - 08:00 AM PST(US and Canada)**

https://us06web.zoom.us/webinar/register/WN_3jZMTKpSQqGNh6w3DRyz0w



Register today with the link above.

In this webinar, Roopa Ravichandar, PhD, and Sam Faraguna of the University of Texas at Austin will share their research on protocols for isolating and culturing neuronal cells.

They will discuss how various methods support studies of neuronal excitability during nervous system development.

Program highlights will include dissociation and immunopanning protocols of dorsal root ganglion neurons and a demonstration of how

retinal ganglion cells are a powerful model for investigating factors that regulate neuronal electrical properties during eye development. The session will also feature practical guidance on effective isolation techniques using immunopanning to obtain highly purified neuronal cultures.

Key Learning Objectives:

- **Methods to isolate rat-derived dorsal root ganglion cells.**
- **Optimization of isolating pure retinal ganglion cells from rat-derived retinal tissue.**
- **Functional applications of using these neuronal cell types to study neuronal excitability.**

