

Section of Neonatology, Department of Pediatrics

# Neonatal Grand Rounds

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## Guidance of axonal pathfinding in the fetal and neonatal brain

### Learning Objectives:

1. To understand chemotaxis and growth cone morphology, attraction and repulsion in axonal pathfinding in the developing CNS;
2. To recognize the many genes and molecules involved in axonal guidance;
3. To appreciate the importance of keratan sulfate proteoglycan as a principal extracellular molecule essential to axonal guidance, isolation of long and short white matter fascicles, and synaptogenesis.

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**June 7, 2022 at 4:00pm**

### Zoom Registration

Registration Link:

<https://albertahealthservices.zoom.us/meeting/register/u50vf-qspjMiH93GA1u3-EZiSfUJ-Y9KcaUm>

"This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada

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