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Use of a Capillary Alginate Gel (Capgel™) to Study the Three-Dimensional Development of Sensory Nerves Reveals the Formation of A Rudimentary Perineurium

(Research Paper)

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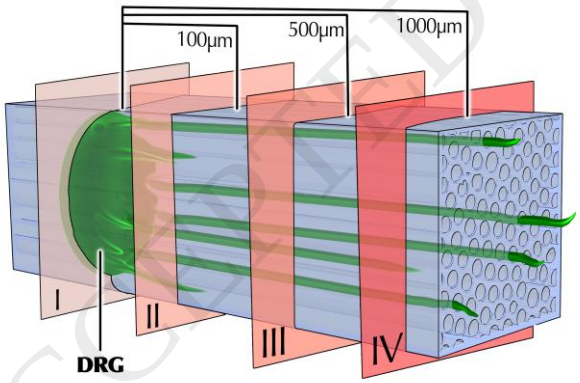
Graphical abstract



Highlights:

- In vitro 3D Nerve Model generated using capillary alginate gel (Capgel™).
- Axon bundle formation includes myelinating Schwann cells grown 1 mm through gel.
- 3D nerve architecture allows for the formation of a rudimentary perineurium