1a. Wnt signaling within RGCs
1b. Wnt signaling in Muller glia and microglia
2. Secretion of growth factors BNDF, CTNF, NGF, FGF, STAT3
3. Astrocyte gliosis/glial scar formation
4. Wnt/β-catenin induced neurite growth: GSK3/Axin1/APC
5. Chemoattraction of growing axons

- Retinal ganglion cell
- Muller glia
- Horizontal cell
- Amacrine cell
- Microglia
- Bipolar cell
- Photoreceptor
- Macrophage
- Oligodendrocyte/OPC

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Correction: Autologous transplantation with fewer fibers repairs large peripheral nerve defects
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