

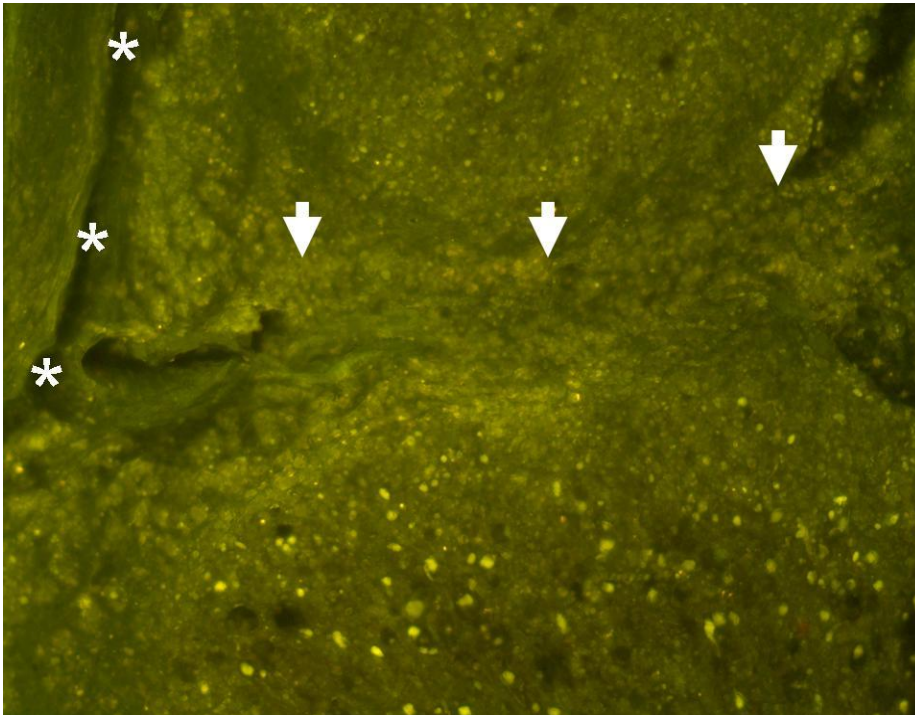
# Translational Nanomedicine:

## *Central Nervous System Regeneration*

### Spinal Cord Repair

#### Reknitting the Spinal Cord :

“We proposed that the successful reconnection of disconnected parts observed in the optic tract regeneration experiments might also be effective in treating spinal cord injury...”



...our results indicate that the self-assembling nanofiber scaffold (SAPNS) is a potential material to repair damaged tissue and to bridge the injured axons cross the lesion site after spinal cord injury.”

Guo, J., Su, H., Zeng, Y., Liang, Y.-X., **Ellis-Behnke, R.G.**, So, K.-F. and Wu, W. Re-knitting the injured spinal cord using a self-assembling peptide nanofiber scaffold. *Nanomedicine* 3: 311-21 (2007).