



# Neuroma Prevention: Painful Terminal Neuroma Prevention by Capping PRGD/PDLLA Conduit in Rat Sciatic Nerves (Adv. Sci. 6/2018)

## Citation

Yi, Jiling, Nan Jiang, Binbin Li, Qiongjiao Yan, Tong Qiu, Killugudi Swaminatha Iyer, Yixia Yin, Honglian Dai, Ali K. Yetisen, and Shipu Li. 2018. "Neuroma Prevention: Painful Terminal Neuroma Prevention by Capping PRGD/PDLLA Conduit in Rat Sciatic Nerves (Adv. Sci. 6/2018)." *Advanced Science* 5 (6): 1870037. doi:10.1002/advs.201870037. <http://dx.doi.org/10.1002/advs.201870037>.

## Published Version

doi:10.1002/advs.201870037

## Permanent link

<http://nrs.harvard.edu/urn-3:HUL.InstRepos:37298489>

## Terms of Use

This article was downloaded from Harvard University's DASH repository, and is made available under the terms and conditions applicable to Other Posted Material, as set forth at <http://nrs.harvard.edu/urn-3:HUL.InstRepos:dash.current.terms-of-use#LAA>

## Share Your Story

The Harvard community has made this article openly available. Please share how this access benefits you. [Submit a story](#).

[Accessibility](#)

# ADVANCED SCIENCE

Open Access

## NEUROMA PREVENTION

Traumatic neuroma formation results in persistent post-operative pain after amputation, which reduces quality of life in patients. In article number 1700876, Yixia Yin, Honglian Dai, and co-workers report a method to prevent traumatic neuroma formation after surgery by using a synthetic polymeric capping conduit that can act as a physical barrier to inhibit the invasion of inflammatory infiltration and promote nerve repair.