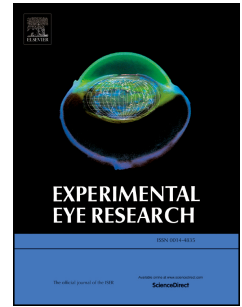


Accepted Manuscript

Nerve fibre layer degeneration and retinal ganglion cell loss long term after optic nerve crush or transection in adult mice

M.C. Sánchez-Migallón, F.J. Valiente-Soriano, M. Salinas-Navarro, F.M. Nadal-Nicolás, M. Jiménez-López, M. Vidal-Sanz, M. Agudo-Barriuso



PII: S0014-4835(17)30619-X

DOI: [10.1016/j.exer.2018.02.010](https://doi.org/10.1016/j.exer.2018.02.010)

Reference: YEXER 7292

To appear in: *Experimental Eye Research*

Received Date: 24 August 2017

Revised Date: 29 January 2018

Accepted Date: 12 February 2018

Please cite this article as: Sánchez-Migallón, M.C., Valiente-Soriano, F.J., Salinas-Navarro, M., Nadal-Nicolás, F.M., Jiménez-López, M., Vidal-Sanz, M., Agudo-Barriuso, M., Nerve fibre layer degeneration and retinal ganglion cell loss long term after optic nerve crush or transection in adult mice, *Experimental Eye Research* (2018), doi: [10.1016/j.exer.2018.02.010](https://doi.org/10.1016/j.exer.2018.02.010).

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Nerve fibre layer degeneration and retinal ganglion cell loss long term after optic nerve crush or transection in adult mice

Sánchez-Migallón, M.C.; Valiente-Soriano, F.J.*; Salinas-Navarro, M.*; Nadal-Nicolás, F.M.; Jiménez-López; M., Vidal-Sanz, M. #; Agudo-Barriuso, M.#

Departamento de Oftalmología, Facultad de Medicina, Universidad de Murcia e Instituto Murciano de Investigación Biosanitaria-VIRGEN DE LA ARRIXACA (IMIB-Arrixaca) Murcia, Spain.

*Equal contribution

#Corresponding authors

Marta Agudo-Barriuso

e-mail: martabar@um.es

Phone: +34 868883996

Manuel Vidal-Sanz

e-mail: manuel.vidal@um.es

Phone: +34 868884330

Grupo de Oftalmología Experimental
Instituto Murciano de Investigación Biosanitaria-Virgen de la Arrixaca
Edificio LAIB Planta 5ª
Carretera Buenavista s/n
30120 El Palmar
Murcia, Spain

Financial support: The Spanish Ministry of Economy and Competitiveness, Instituto de Salud Carlos III, Fondo Europeo de Desarrollo Regional “Una Manera de Hacer Europa” (SAF2015-67643-P, PI16/00031), and Fundación Séneca, Agencia de Ciencia y Tecnología Región de Murcia (19881/GERM/15)

Running title: Long term axotomy in albino mice

Key words: nerve fiber layer, optic nerve crush, optic nerve transection, Brn3a, antibodies antineurofilaments, adult albino mice, retinal nerve fiber layer, retrograde axonal degeneration, axotomy, retinal neurodegeneration

Download English Version:

<https://daneshyari.com/en/article/8791996>

Download Persian Version:

<https://daneshyari.com/article/8791996>

[Daneshyari.com](https://daneshyari.com)