

Accepted Manuscript

Intra-vitreous α B crystallin fused to elastin-like polypeptide provides neuroprotection in a mouse model of age-related macular degeneration

Parameswaran G. Sreekumar, Zhe Li, Wan Wang, Christine Spee, David R. Hinton, Ram Kannan, J. Andrew MacKay



PII: S0168-3659(18)30271-2
DOI: doi:[10.1016/j.jconrel.2018.05.014](https://doi.org/10.1016/j.jconrel.2018.05.014)
Reference: COREL 9296

To appear in: *Journal of Controlled Release*

Received date: 26 April 2018

Accepted date: 12 May 2018

Please cite this article as: Parameswaran G. Sreekumar, Zhe Li, Wan Wang, Christine Spee, David R. Hinton, Ram Kannan, J. Andrew MacKay , Intra-vitreous α B crystallin fused to elastin-like polypeptide provides neuroprotection in a mouse model of age-related macular degeneration. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Corel(2017), doi:[10.1016/j.jconrel.2018.05.014](https://doi.org/10.1016/j.jconrel.2018.05.014)

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.

Article submission to JCR

Intra-vitreous α B crystallin fused to elastin-like polypeptide provides neuroprotection in a mouse model of age-related macular degeneration

Parameswaran G. Sreekumar^{1,*}, Zhe Li^{2,*}, Wan Wang², Christine Spee³, David R. Hinton^{3,4,**}, Ram Kannan^{1,**}, J. Andrew MacKay^{2,3,5,**}

¹Arnold and Mabel Beckman Macular Research Center, Doheny Eye Institute, Los Angeles, CA 90033, USA

²Department of Pharmacology and Pharmaceutical Sciences, School of Pharmacy of the University of Southern California, Los Angeles, CA 90089, USA

³Department Ophthalmology, USC Roski Eye Institute, Keck School of Medicine of the University of Southern California, Los Angeles, CA 90033, USA

⁴Department of Pathology, Keck School of Medicine of the University of Southern California, Los Angeles, CA 90033, USA

⁵Department of Biomedical Engineering, Viterbi School of Engineering of the University of Southern California, Los Angeles, CA 90033, USA

*Authors contributed equally to this work

**Co-senior authors

Correspondence: J. Andrew MacKay (jamackay@usc.edu)

Department of Pharmacology and Pharmaceutical Sciences, School of Pharmacy, University of Southern California, 1985 Zonal Ave, Los Angeles, CA 90089, USA

Download English Version:

<https://daneshyari.com/en/article/7859440>

Download Persian Version:

<https://daneshyari.com/article/7859440>

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