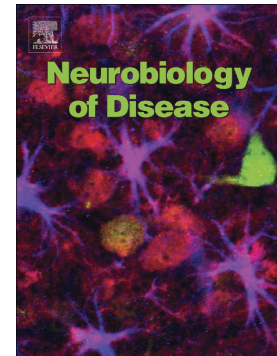


## Accepted Manuscript

Accelerated accumulation of retinal  $\alpha$ -synuclein (pSer129) and tau, neuroinflammation and autophagic dysregulation in a seeded mouse model of Parkinson's disease

Najiba Mammadova, Corey M. Summers, Robyn D. Kokemuller, Qing He, Shaowei Ding, Thierry Baron, Chenxu Yu, Rudy J. Valentine, Donald S. Sakaguchi, Anumantha G. Kanthasamy, Justin J. Greenlee, M. Heather West Greenlee



PII: S0969-9961(18)30204-3  
DOI: doi:[10.1016/j.nbd.2018.09.013](https://doi.org/10.1016/j.nbd.2018.09.013)  
Reference: YNBDI 4280  
To appear in: *Neurobiology of Disease*  
Received date: 3 July 2018  
Revised date: 5 September 2018  
Accepted date: 11 September 2018

Please cite this article as: Najiba Mammadova, Corey M. Summers, Robyn D. Kokemuller, Qing He, Shaowei Ding, Thierry Baron, Chenxu Yu, Rudy J. Valentine, Donald S. Sakaguchi, Anumantha G. Kanthasamy, Justin J. Greenlee, M. Heather West Greenlee , Accelerated accumulation of retinal  $\alpha$ -synuclein (pSer129) and tau, neuroinflammation and autophagic dysregulation in a seeded mouse model of Parkinson's disease. Ynbdi (2018), doi:[10.1016/j.nbd.2018.09.013](https://doi.org/10.1016/j.nbd.2018.09.013)

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.

**Accelerated accumulation of retinal  $\alpha$ -synuclein (pSer129) and tau, neuroinflammation and autophagic dysregulation in a seeded mouse model of Parkinson's disease.**

Najiba Mammadova<sup>a,b,c</sup> najibam@iastate.edu<sup>1</sup>; Corey M. Summers<sup>b,d</sup> summers@iastate.edu<sup>1</sup>; Robyn D. Kokemuller<sup>c,e,f</sup> robynk13@iastate.edu; Qing He<sup>g</sup> qinghe@iastate.edu; Shaowei Ding<sup>h</sup> swding@iastate.edu; Thierry Baron<sup>i</sup> thierry.baron@anses.fr; Chenxu Yu<sup>g</sup> chenxuyu@iastate.edu; Rudy J. Valentine<sup>b,d</sup> rvalenti@iastate.edu; Donald S. Sakaguchi<sup>a,c</sup> dssakagu@iastate.edu; Anumantha G. Kanthasamy<sup>b,c,f</sup> akanthas@iastate.edu; Justin J. Greenlee<sup>e</sup> Justin.Greenlee@ars.usda.gov; M. Heather West Greenlee<sup>b,c,f,\*</sup> mheather@iastate.edu

<sup>a</sup>Department of Genetics, Development, and Cell Biology, Iowa State University, Ames IA

<sup>b</sup>Immunobiology Graduate Program, Iowa State University

<sup>c</sup>Neuroscience Graduate Program, Iowa State University

<sup>d</sup>Department of Kinesiology, Iowa State University

<sup>e</sup>Virus and Prion Research Unit, National Animal Disease Center, USDA, Agricultural Research Service, Ames, IA

<sup>f</sup>Department of Biomedical Sciences, Iowa State University College of Veterinary Medicine, Ames IA

<sup>g</sup>Department of Agriculture and Biosystems Engineering, Iowa State University, Ames IA

<sup>h</sup>Department of Mechanical Engineering, Iowa State University, Ames IA

<sup>i</sup>Anses, Laboratoire de Lyon, Unité Maladies Neurodégénératives, Lyon, France

\* Corresponding author at: College of Veterinary Medicine, 2008 Vet Med, 1800 Christensen Drive, Ames, IA 50010.

---

<sup>1</sup> Authors have made equal contributions to the manuscript, with names listed alphabetically.

Download English Version:

<https://daneshyari.com/en/article/10215519>

Download Persian Version:

<https://daneshyari.com/article/10215519>

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