

Accepted Manuscript

Glutamatergic nervous system degeneration in a *C. elegans*.
TauA152T tauopathy model involves pathways of excitotoxicity
and Ca²⁺ dysregulation

Bikash Choudhary, Eckhard Mandelkow, Eva-Maria Mandelkow,
Ghulam Jeelani Pir



PII: S0969-9961(18)30180-3
DOI: doi:[10.1016/j.nbd.2018.06.005](https://doi.org/10.1016/j.nbd.2018.06.005)
Reference: YNBDI 4193

To appear in: *Neurobiology of Disease*

Received date: 20 April 2018
Revised date: 28 May 2018
Accepted date: 7 June 2018

Please cite this article as: Bikash Choudhary, Eckhard Mandelkow, Eva-Maria Mandelkow, Ghulam Jeelani Pir , Glutamatergic nervous system degeneration in a *C. elegans*. TauA152T tauopathy model involves pathways of excitotoxicity and Ca²⁺ dysregulation. *Ynbdi* (2018), doi:[10.1016/j.nbd.2018.06.005](https://doi.org/10.1016/j.nbd.2018.06.005)

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.

**IGlutamatergic nervous system degeneration in a *C. elegans*
Tau^{A152T} tauopathy model involves pathways of
excitotoxicity and Ca²⁺ dysregulation**

Bikash Choudhary^{1,3}, Eckhard Mandelkow^{1,2,3}, Eva-Maria Mandelkow^{1,2,3*}, Ghulam Jeelani Pir^{1,3*}

(1) German Center for Neurodegenerative Diseases (DZNE), Sigmund-Freud St. 27, 53127 Bonn, Germany

(2) Caesar Research Center, Ludwig-Erhard-Allee 2, 53175 Bonn, Germany

(3) Max-Planck-Institute for Metabolism Research, Hamburg Outstation, c/o DESY, Notkestrasse 85, 22607 Hamburg

* To whom correspondence should be addressed. Email: eva.mandelkow@dzne.de (E.M.M.); Jeelani.Pir@dzne.de (G.J.P)

Bikash Choudhary (B.C.). Email: Bikash.Choudhary@dzne.de
Eckhard Mandelkow (E.M.). Email: Eckhard.Mandelkow@dzne.de

Download English Version:

<https://daneshyari.com/en/article/8686335>

Download Persian Version:

<https://daneshyari.com/article/8686335>

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