

Accepted Manuscript

HX600, a synthetic agonist for RXR-Nurr1 heterodimer complex, prevents ischemia-induced neuronal damage

S. Loppi, N. Kolosowska, O. Kärkkäinen, P. Korhonen, M. Huuskonen, A. Grubman, H. Dhungana, S. Wojciechowski, Y. Pomeschik, M. Giordano, H. Kagechika, A. White, S. Auriola, J. Koistinaho, G. Landreth, K. Hanhineva, K. Kanninen, T. Malm

PII: S0889-1591(18)30368-4
DOI: <https://doi.org/10.1016/j.bbi.2018.07.021>
Reference: YBRBI 3456

To appear in: *Brain, Behavior, and Immunity*

Received Date: 27 April 2018
Revised Date: 14 July 2018
Accepted Date: 25 July 2018

Please cite this article as: Loppi, S., Kolosowska, N., Kärkkäinen, O., Korhonen, P., Huuskonen, M., Grubman, A., Dhungana, H., Wojciechowski, S., Pomeschik, Y., Giordano, M., Kagechika, H., White, A., Auriola, S., Koistinaho, J., Landreth, G., Hanhineva, K., Kanninen, K., Malm, T., HX600, a synthetic agonist for RXR-Nurr1 heterodimer complex, prevents ischemia-induced neuronal damage, *Brain, Behavior, and Immunity* (2018), doi: <https://doi.org/10.1016/j.bbi.2018.07.021>

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.



HX600, a synthetic agonist for RXR-Nurr1 heterodimer complex, prevents ischemia-induced neuronal damage

Loppi S¹, Kolosowska N¹, Kärkkäinen O², Korhonen P¹, Huuskonen M¹, Grubman A³, Dhungana H¹, Wojciechowski S¹, Pomeshchik Y¹, Giordano M¹, Kagechika H⁴, White A⁵, Auriola S², Koistinaho J^{1,6}, Landreth G⁷, Hanhineva K², Kanninen K¹ and Malm T^{1*}.

¹A. I. Virtanen Institute for Molecular Sciences, Biocenter Kuopio, University of Eastern Finland, Kuopio, Finland

²Institute of Public Health and Clinical Nutrition, University of Eastern Finland, Finland

³Department of Anatomy and Developmental Biology, Monash University, Clayton 3800, Australia

⁴Institute of Biomaterials and Bioengineering, Tokyo Medical and Dental University, Tokyo, Japan

⁵Cell and Molecular Biology, QIMR Berghofer Medical Research Institute, Herston, Qld, 4006, Australia

⁶Neuroscience center, University of Helsinki, Helsinki, Finland

⁷Stark Neuroscience Research Institute, Indiana University School of Medicine, Indianapolis, IN, 46202, USA.

Email addresses:

Sanna Loppi	sanna.loppi@uef.fi
Natalia Kolosowska	natalia.kolosowska@uef.fi
Olli Kärkkäinen	olli.karkkainen@uef.fi
Paula Korhonen	paula.korhonen@uef.fi
Alexandra Grubman	alexandra.grubman@monash.edu
Mikko Huuskonen	Mikko.Huuskonen@med.usc.edu
Hiramani Dhungana	hiramani.dhungana@uef.fi
Kati Hanhineva	kati.hanhineva@uef.fi
Jari Koistinaho	jari.koistinaho@uef.fi
Martina Giordano	ma.giordano91@gmail.com
Seppo Auriola	seppo.auriola@uef.fi
Hiroyuki Kagechika	kage.chem@tmd.ac.jp
Gary Landreth	glandret@iu.edu
Katja Kanninen	katja.kanninen@uef.fi
Tarja Malm	tarja.malm@uef.fi

*Corresponding author

Tarja Malm, PhD

A. I. Virtanen Institute for Molecular Science, University of Eastern Finland,

P.O. Box 1627 FI-70211, Kuopio, Finland

Email: Tarja.malm@uef.fi

Phone: +358 40 3552209 Fax: +358 17 16 3030

Download English Version:

<https://daneshyari.com/en/article/8960774>

Download Persian Version:

<https://daneshyari.com/article/8960774>

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