

Accepted Manuscript

Research Article

Constitutive PGC-1 α overexpression in skeletal muscle does not improve morphological outcome in mouse models of brain irradiation or cortical stroke

Lars Karlsson, María Nazareth González-Alvarado, Mar Larrosa-Flor, Ahmed Osman, Mats Börjesson, Klas Blomgren, Hans Georg Kuhn

PII: S0306-4522(18)30386-5

DOI: <https://doi.org/10.1016/j.neuroscience.2018.05.036>

Reference: NSC 18473

To appear in: *Neuroscience*

Received Date: 23 December 2017

Accepted Date: 23 May 2018

Please cite this article as: L. Karlsson, M.N. González-Alvarado, M. Larrosa-Flor, A. Osman, M. Börjesson, K. Blomgren, H.G. Kuhn, Constitutive PGC-1 α overexpression in skeletal muscle does not improve morphological outcome in mouse models of brain irradiation or cortical stroke, *Neuroscience* (2018), doi: <https://doi.org/10.1016/j.neuroscience.2018.05.036>

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.



**Constitutive PGC-1 α overexpression in skeletal muscle does not
improve morphological outcome in mouse models
of brain irradiation or cortical stroke**

Lars Karlsson^{1,2}, María Nazareth González-Alvarado¹, Mar Larrosa-Flor¹,
Ahmed Osman³, Mats Börjesson^{1,4,5}, Klas Blomgren⁶, Hans Georg Kuhn¹

¹Institute for Neuroscience and Physiology, University of Gothenburg, Gothenburg, Sweden. Postal address: Box 436, Institute for Neuroscience and Physiology, University of Gothenburg, 405 30 Gothenburg, Sweden

²The Queen Silvia Children's Hospital, Sahlgrenska University Hospital, Gothenburg, Sweden. Postal address: The Queen Silvia Children's Hospital, 416 85 Gothenburg, Sweden

³Department of Women's and Children's Health, Karolinska University Hospital, Stockholm, Sweden. Postal address: Department of Women's and Children's Health (KBH), K6, Division of Pediatric Oncology, Astrid Lindgrens Barnsjukhus Q2:07, 171 76 Stockholm, Sweden

⁴Center for Health and Performance, University of Gothenburg, Gothenburg, Sweden. Postal address: Box 300, Department of Food and Nutrition, University of Gothenburg, 405 30 Gothenburg, Sweden.

⁵Sahlgrenska University Hospital/Östra, Gothenburg, Sweden. Postal address: Östra Hospital, 416 50 Gothenburg, Sweden

⁶Pediatric Oncology, Karolinska University Hospital, Stockholm, Sweden. Postal address: Pediatric Oncology, Karolinska University Hospital, 171 76 Stockholm, Sweden.

E-mail correspondence: lars.karlsson@neuro.gu.se

Conflicts of interest: none

Download English Version:

<https://daneshyari.com/en/article/8840635>

Download Persian Version:

<https://daneshyari.com/article/8840635>

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