Accepted Manuscript

Effector/memory CD8⁺ T cells synergize with co-stimulation competent macrophages to trigger autoimmune peripheral neuropathy

Mu Yang, Xiang Qun Shi, Corentin Peyret, Oladayo Oladiran, Sonia Wu, Julien Chambon, Sylvie Fournier, Ji Zhang

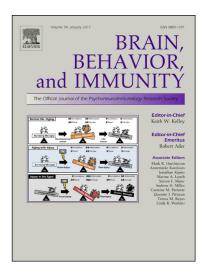
PII: S0889-1591(18)30087-4

DOI: https://doi.org/10.1016/j.bbi.2018.04.001

Reference: YBRBI 3372

To appear in: Brain, Behavior, and Immunity

Received Date: 27 November 2017 Revised Date: 9 February 2018 Accepted Date: 4 April 2018



Please cite this article as: Yang, M., Qun Shi, X., Peyret, C., Oladiran, O., Wu, S., Chambon, J., Fournier, S., Zhang, J., Effector/memory CD8⁺ T cells synergize with co-stimulation competent macrophages to trigger autoimmune peripheral neuropathy, *Brain, Behavior, and Immunity* (2018), doi: https://doi.org/10.1016/j.bbi.2018.04.001

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.

ACCEPTED MANUSCRIPT

Effector/memory CD8⁺ T cells synergize with co-stimulation competent macrophages to trigger autoimmune peripheral neuropathy

Abbreviated title: Cellular immunity in autoimmune peripheral neuropathy

Mu Yang¹, Xiang Qun Shi¹, Corentin Peyret², Oladayo Oladiran¹, Sonia Wu¹, Julien Chambon¹, *Sylvie Fournier^{2,5} and *Ji Zhang^{1,2,3,4,5}

¹ The Alan Edwards Centre for Research on Pain,

* Corresponding authors:

Dr. Ji Zhang

Alan Edwards Centre for Research on Pain

McGill University

740 Docteur Penfield Ave, Suite 3200C

Montreal, QC, Canada H3A0G1

Tel: 514-398-7203 x00036

Fax: 514-398-8900

e-mail: ji.zhang@mcgill.ca

Dr. Sylvie Fournier

Department of Microbiology and Immunology,

McGill University

3775 University Street

Montreal, QC, Canada H3A 2B4

Tel: 514-398-7273

Fax: 514-398-7052

e-mail: Sylvie.Fournier@mcgill.ca

Number of Pages: 36 Number of figures: 9 Number of tables: 1

Number of words: Abstract (236); Introduction (660); Discussion (1529)

Conflict of Interest: The authors declare non-competing financial interests.

Acknowledgements: M.Y. is supported by the CIHR Neuroinflammation Training Program and a post-doctoral fellowship from the Louise and Alan Edwards Foundation. This work was supported by funding from the Canadian Institutes for Health Research (CIHR) MOP-111129, the Louise and Alan Edwards Foundation to J.Z.; and Multiple Sclerosis Society of Canada to S.F.

² Department of Microbiology & Immunology,

³ Department of Neurology & Neurosurgery, ⁴ Faculty of Dentistry,

⁵ The Microbiome and Disease Tolerance Centre, McGill University, Montreal, QC, Canada

Download English Version:

https://daneshyari.com/en/article/7279150

Download Persian Version:

https://daneshyari.com/article/7279150

<u>Daneshyari.com</u>