

Author's Accepted Manuscript

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PII: S0012-1606(18)30408-1
DOI: <https://doi.org/10.1016/j.ydbio.2018.07.022>
Reference: YDBIO7826

To appear in: *Developmental Biology*

Received date: 1 June 2018
Revised date: 17 July 2018
Accepted date: 26 July 2018

Cite this article as: Marie Ménard, Clélia Costechareyre, Juliana M. Coelho-Aguiar, Loraine Jarrosson-Wuilleme, Nicolas Rama, Jonathan Blachier, Karine Kindbeiter, Muriel Bozon, Jorge R. Cabrera, Elisabeth Dupin, Nicole Le Douarin, Patrick Mehlen and Servane Tauszig-Delamasure, The Dependence Receptor TrkC regulates the number of sensory neurons during DRG development, *Developmental Biology*, <https://doi.org/10.1016/j.ydbio.2018.07.022>

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Abstract

The development of the sensory nervous system is the result of fine-tuned waves of neurogenesis and apoptosis which control the appropriate number of precursors and newly generated neurons and orient them toward a specific lineage. Neurotrophins and their tyrosine-kinase receptors (RTK) orchestrate this process. They have long been in the scope of the neurotrophic theory which established that a neuron is committed to die

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