



Corrigendum: The Na_V1.7 Channel Subtype as an Antinociceptive Target for Spider Toxins in Adult Dorsal Root Ganglia Neurons

Tânia C. Gonçalves 1,2, Evelyne Benoit 2,3, Michel Partiseti 1 and Denis Servent 2*

OPEN ACCESS

Edited and reviewed by:

Yuri N. Utkin, Institute of Bioorganic Chemistry (RAS), Russia

*Correspondence:

Denis Servent denis.servent@cea.fr

Specialty section:

This article was submitted to Pharmacology of Ion Channels and Channelopathies, a section of the journal Frontiers in Pharmacology

> Received: 05 October 2018 Accepted: 12 October 2018 Published: 24 October 2018

Citation:

Gonçalves TC, Benoit E, Partiseti M and Servent D (2018) Corrigendum: The Na_V1.7 Channel Subtype as an Antinociceptive Target for Spider Toxins in Adult Dorsal Root Ganglia Neurons. Front. Pharmacol. 9:1241. doi: 10.3389/fphar.2018.01241 ¹ Sanofi R&D, Integrated Drug Discovery – High Content Biology, Paris, France, ² Service d'Ingénierie Moléculaire des Protéines, CEA de Saclay, Université Paris-Saclay, Gif-sur-Yvette, France, ³ Institut des Neurosciences Paris-Saclay, UMR CNRS/Université Paris-Sud 9197, Gif-sur-Yvette, France

Keywords: voltage-gated sodium channels, Na_V1.7 channel subtype, spider toxins, pain, dorsal root ganglia neurons, electrophysiology

A Corrigendum on

The Na_V1.7 Channel Subtype as an Antinociceptive Target for Spider Toxins in Adult Dorsal Root Ganglia Neurons

by Gonçalves, T. C., Benoit, E., Partiseti, M., and Servent, D. (2018) Front. Pharmacol. 9:1000. doi: 10.3389/fphar.2018.01000

In the original article, there was a mistake in **Figure 1** as published. Nociceptors (C-fibers) and Proprioceptors (A δ -fibers) instead of Nociceptors (A δ /C fibers) and Proprioceptors (A α fibers). The corrected **Figure 1** appears below. The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Conflict of Interest Statement: TG and MP are current or former employees of Sanofi.

The remaining authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

Copyright © 2018 Gonçalves, Benoit, Partiseti and Servent. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

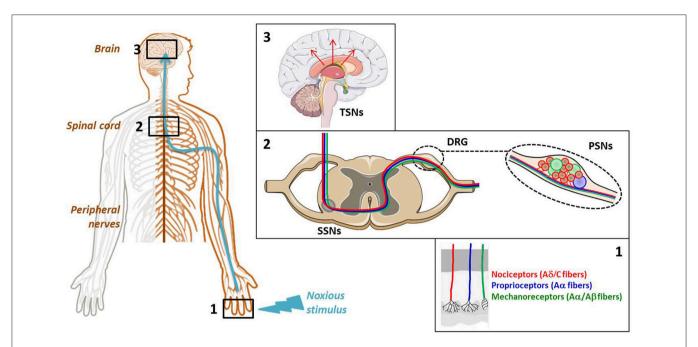


FIGURE 1 | Cellular elements involved in pain transmission from the peripheral to the central nervous system (CNS). (Box 1) The pain (thermal, high pressure, mechanical, chemical) information is first detected by the receptors located at the level of free nerve endings of primary sensory neuron (PSN) fibers. (Box 2) Then, it is conveyed by the dendrites of these neurons, components of dorsal root ganglia (DRG), to the dorsal horn of spinal cord where it is transmitted to the dendrites of secondary sensory neurons (SSNs). (Box 3) Finally, it is brought to the hypothalamus via the tertiary sensory neurons (TSNs) whose cell bodies constitute, in part, the brain cortex.