

Proprioceptive

Of, relating to, or being stimuli arising within the organism (a proprioceptive sensation).

Proprioceptive sensory input and descending supraspinal projections are two major inputs that feed into and influence spinal circuitry and locomotor behaviors.

Plant et al. reviewed their influence on each other during development and after [spinal cord injury](#). They highlighted developmental mechanisms of circuit formation as they relate to the sensory-motor circuit and its reciprocal interactions with local spinal [interneurons](#), as well as competitive interactions between proprioceptive and descending supraspinal inputs in the setting of [spinal cord injury](#) ¹⁾.

¹⁾

Plant GW, Weinrich JA, Kaltschmidt JA. Sensory and descending motor circuitry during development and injury. Curr Opin Neurobiol. 2018 Sep 8;53:156-161. doi: 10.1016/j.conb.2018.08.008. [Epub ahead of print] Review. PubMed PMID: 30205323.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=proprioceptive>

Last update: **2024/06/07 02:58**

