

Special Issue

Function and Dysfunction of Peripheral Nociceptors

Message from the Guest Editor

Peripheral nociceptors in dorsal root ganglia (DRG) are sensors that project to all parts of our body and warn us of actual or potential harm. Investigations of peripheral nociceptors are hampered by their heterogeneity; there is not one source of harm, there is not one form of pain, and there is not one type of nociceptor. Consequently, differences such as expression of receptor molecules and connections to the central nervous system define subpopulations of nociceptive neurons.

It is still not clear what signals and cues inside and outside of our body activate and sensitize peripheral nociceptors and how we can use the unique potential of these cells to advance in fields such as nerve regeneration and pain measurement. Hence, it is important to provide an overview and update for researchers and clinicians.

Guest Editor

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