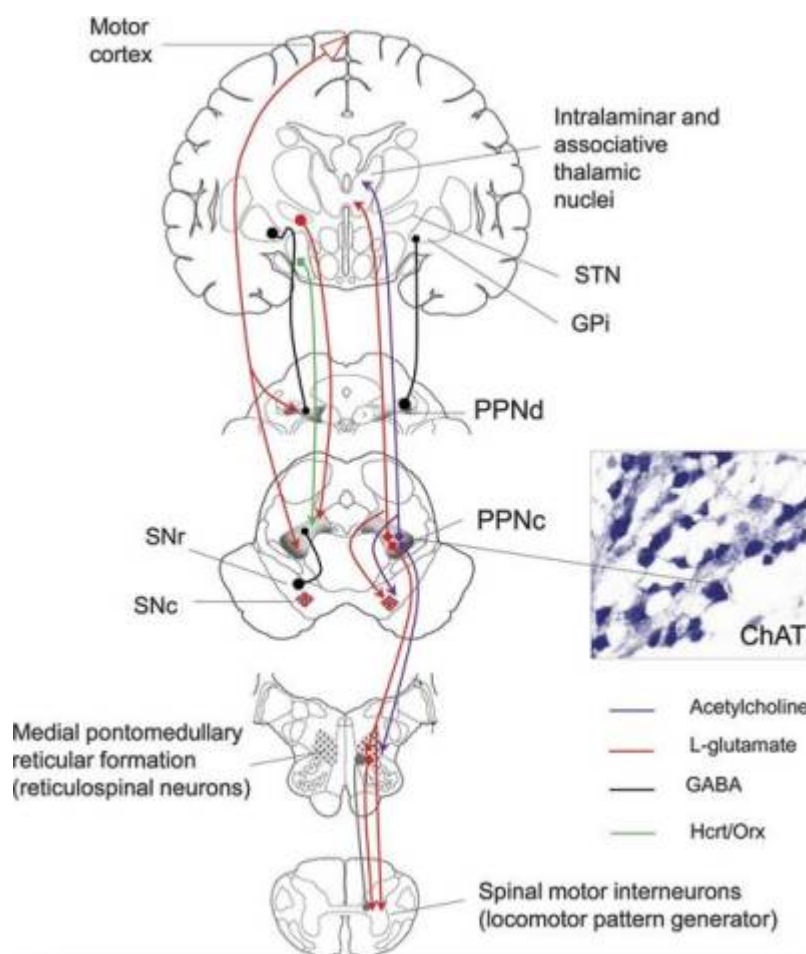


Pedunculopontine nucleus



The pedunculopontine tegmental nucleus (PPTg) is a component of the locomotor [mesencephalic](#) area.

Location

The pedunculopontine nucleus (PPN) (or pedunculopontine tegmental nucleus, PPTN or PPTg) is located in the [brainstem](#), caudal to the [substantia nigra](#) and adjacent to the [superior cerebellar peduncle](#). It has two divisions, one containing cholinergic neurons, the pars compacta, and one containing mostly glutamatergic neurons, the pars dissipata. The PPN is one of the main components of the reticular activating system.

The [pedunculopontine nucleus](#) was first described in [1909](#) by Louis Jacobsohn-Lask, a neuroanatomist born in Bydgoszcz.

Indications

Pedunculopontine nucleus stimulation for progressive supranuclear palsy

[Pedunculopontine nucleus stimulation for progressive supranuclear palsy](#)

Deep Brain Stimulation of the Pedunculopontine Nucleus Area for Parkinson Disease

see [Deep Brain Stimulation of the Pedunculopontine Nucleus Area for Parkinson Disease](#)

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