

Basal ganglia

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1 Types of Nuclei

3 type of nuclei: Input / Output / Intrinsic nuclei

Input nuclei:

- Receives info from cortex, thalamus
- Examples: striatum: Caudate Nucleus & Putamen

Output Nuclei:

- Sends BG info to the Thalamus
- E.G.: Globus Pallidus internus & Substantia Nigra (pars reticulata)

Intrinsic Nuclei:

- Connect input & Output nuclei
- E.G.: Globus Pallidus externus, ST nucleus, Substantia Nigra (Pars compacta)

2 Principal nuclei

There are 5 principal basal ganglia nuclei.

1. Caudate Nucleus
2. Putamen
3. Globus Pallidus
4. Subthalamic Nucleus
5. Substantia Nigra (in midbrain)