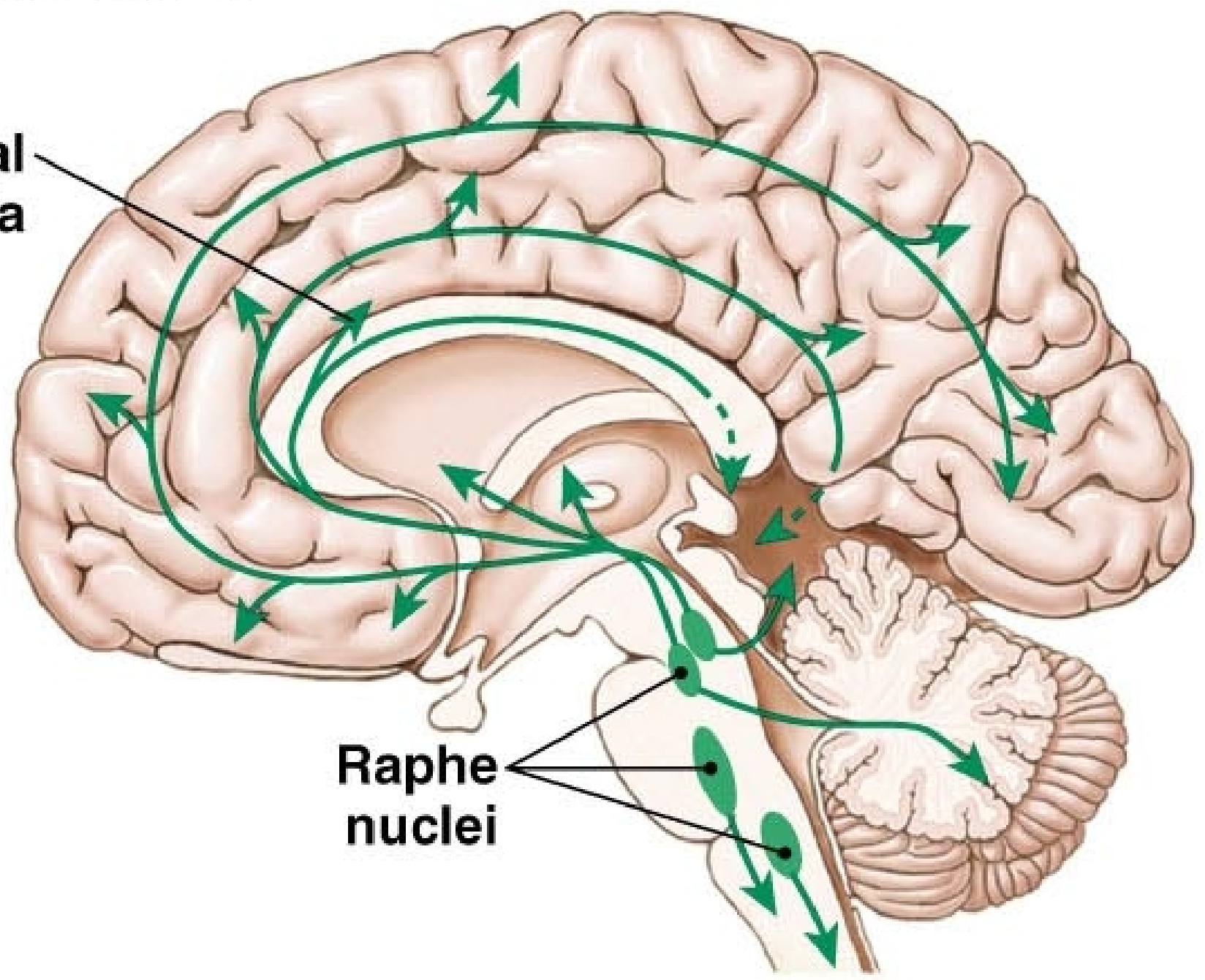


● **Serotonin**

To basal  
ganglia

Raphe  
nuclei



## Serotonin

Regulates and Modulates the Action of  
Other Neurotransmitters and Neuropeptides  
Modifies Motivational Levels and Emotional Responses

Found in the reticular formation where it  
controls and regulates the sleep/wake cycle.

Responsible for sleep disorders such as insomnia  
or excessive sleep.

Found in the frontal and temporal lobes  
where it controls and regulates overall mood.

Implicated in mood disorders such as chronic depression  
and bipolar disorder, as well as a number of other conditions.

## Serotonin

Chemically related to the amino acid tryptophan, as well as the neurotransmitters norepinephrine and dopamine.

All known hallucinogens believed to simulate the structural characteristics of serotonin, norepinephrine, and/or dopamine.

● **Serotonin**

To basal  
ganglia

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