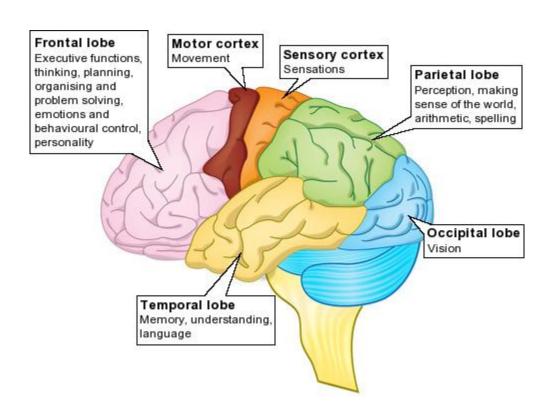
# Biology

Lesson 1

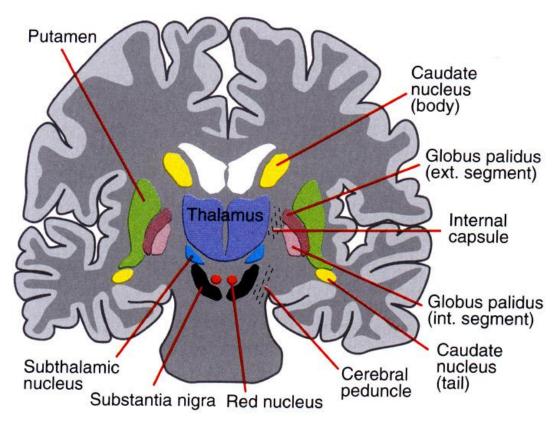
#### **IMPORTANT**

- You must ask questions today, this is the only directly biology and chemistry related lesson that we have.
- A really deep understanding is needed for moving forward with Computational Modeling and Machine Learning

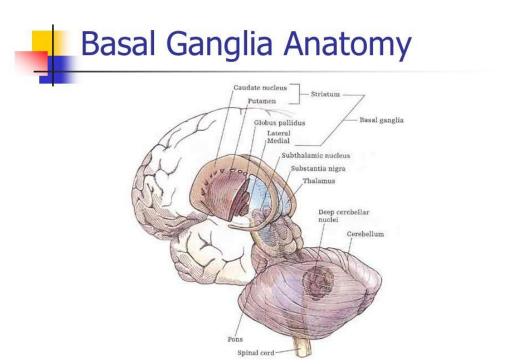
#### Brain Anatomy



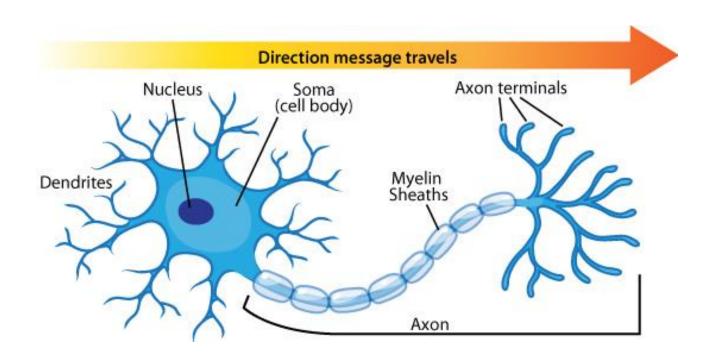
### Basal Ganglia



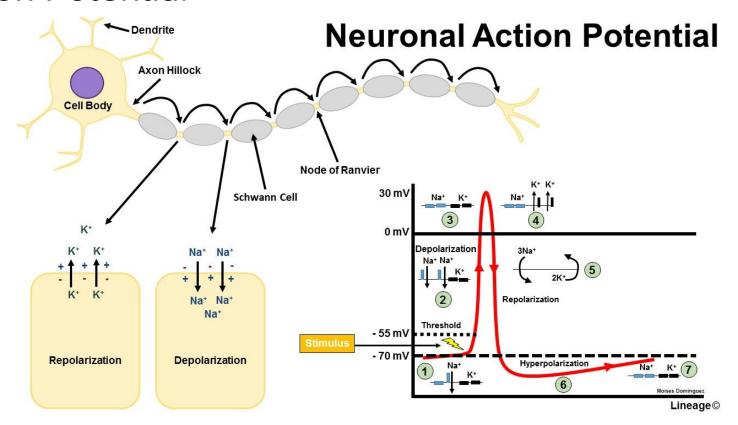
## Basal Ganglia Continued



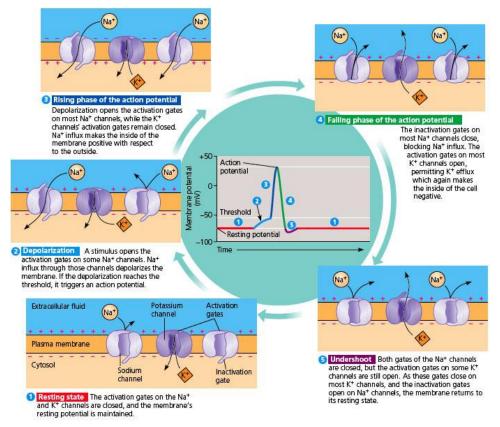
## **Neuron Anatomy**



#### **Action Potential**



### **Action Potential Again!**



#### Questions?!

• Ask now about anything!