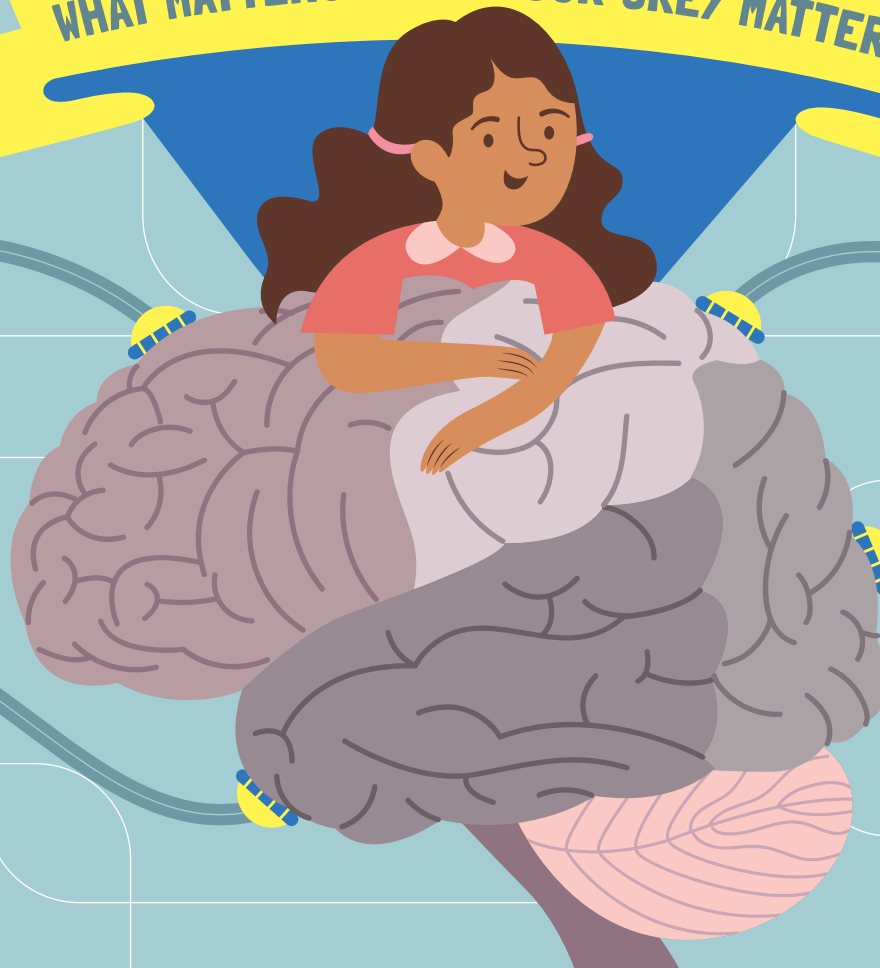


# LOBE YOUR BRAIN

WHAT MATTERS ABOUT YOUR GREY MATTER



BY

LEANNE  
BOUCHER  
GILL



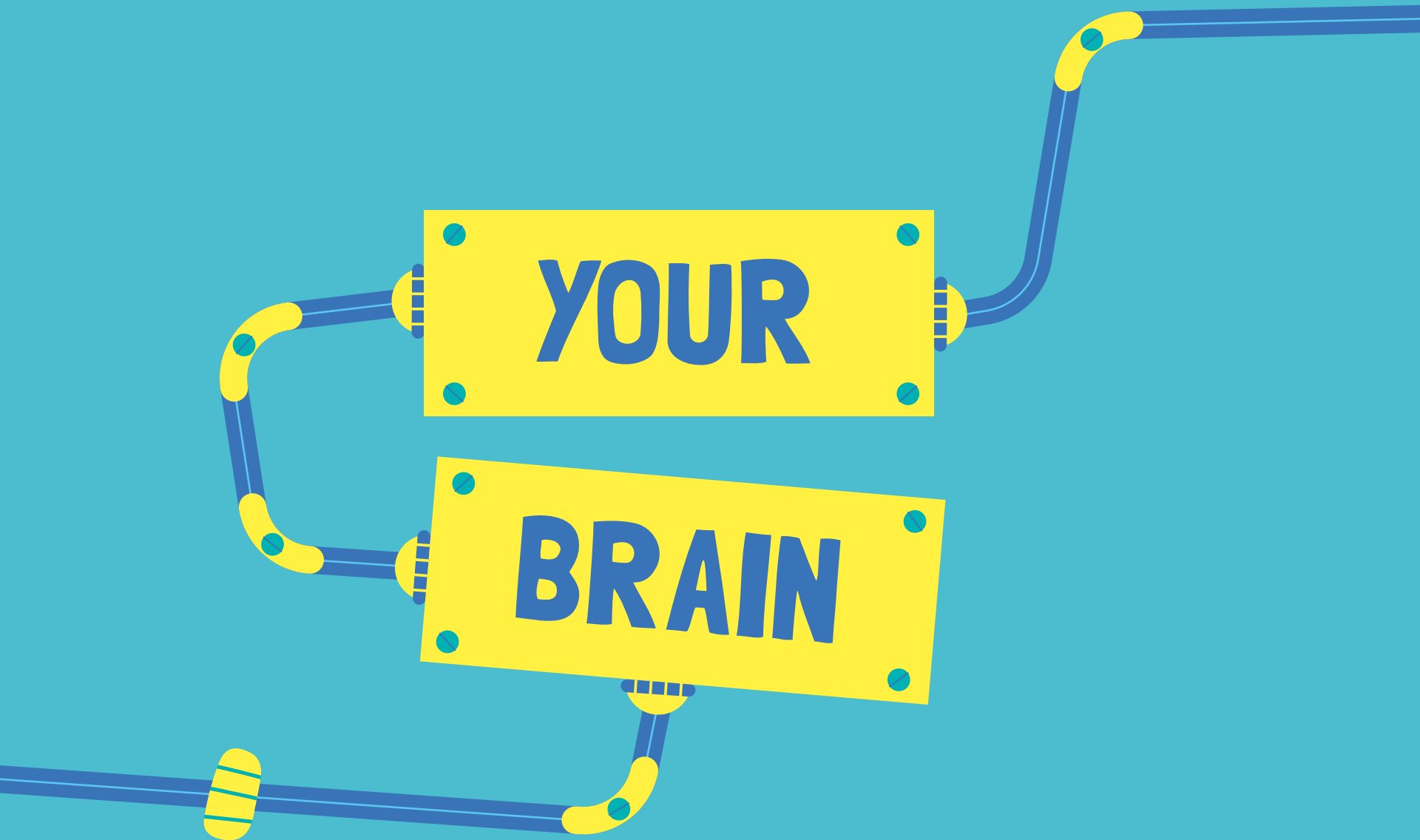
The background features a light blue color with several grey, circuit-like lines that curve and loop around the central text. These lines have yellow segments and small blue dots, resembling a stylized brain or neural network.

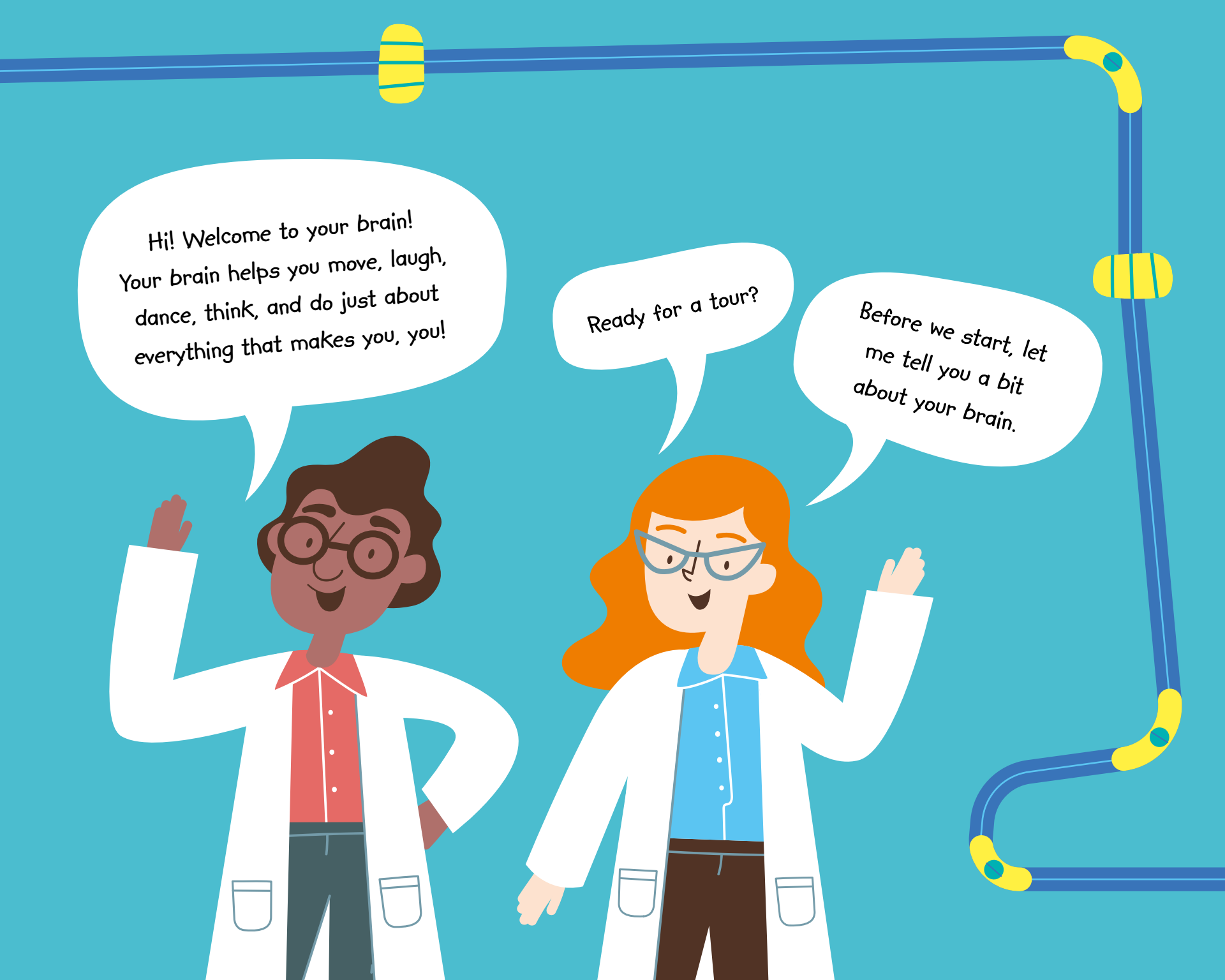
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BY  
**LEANNE  
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Magination Press · Washington, DC  
American Psychological Association

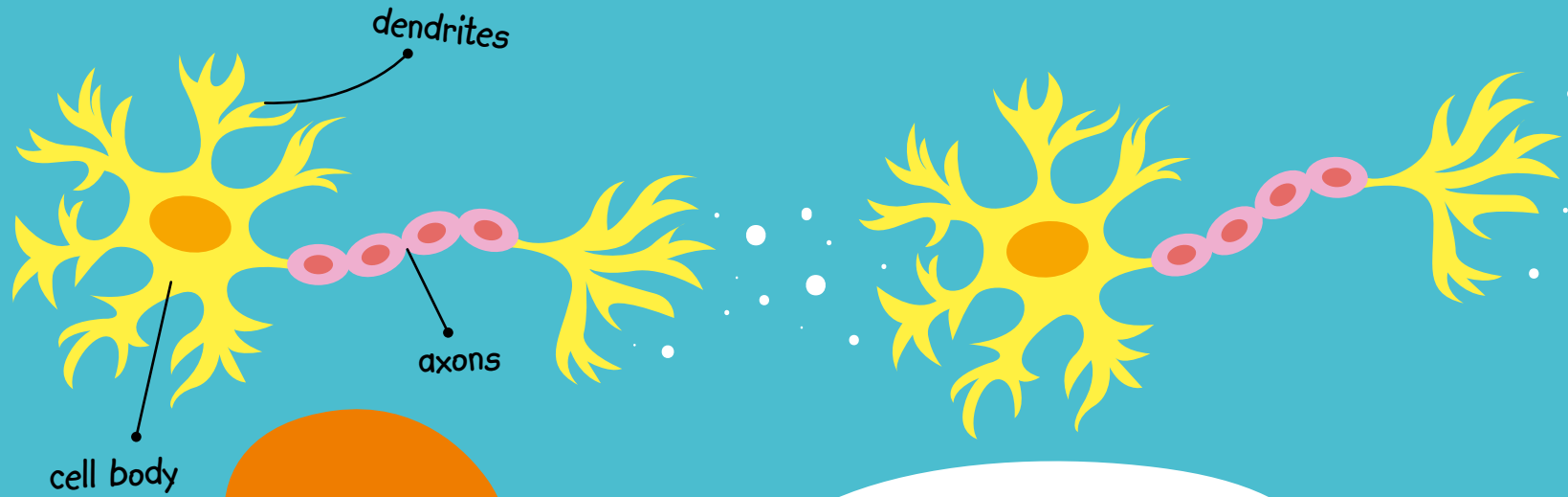




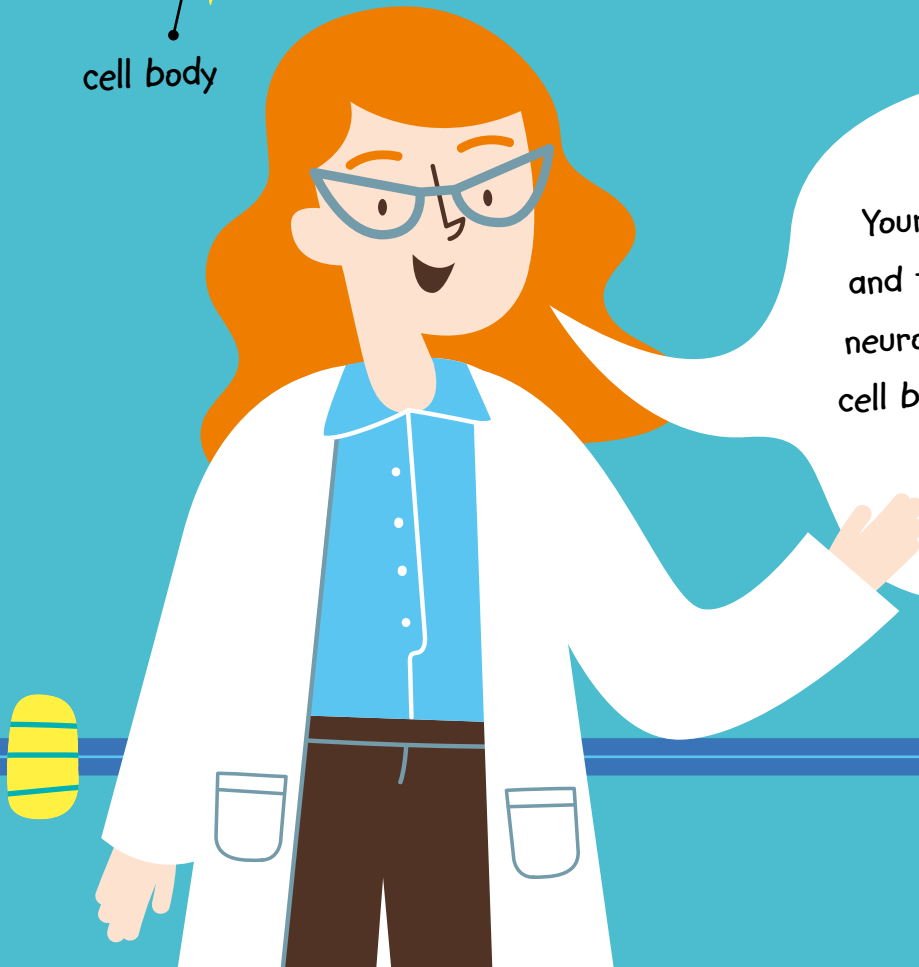
Hi! Welcome to your brain!  
Your brain helps you move, laugh,  
dance, think, and do just about  
everything that makes you, you!

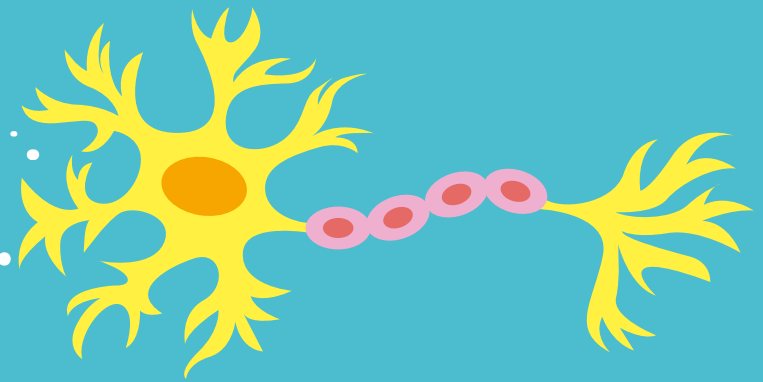
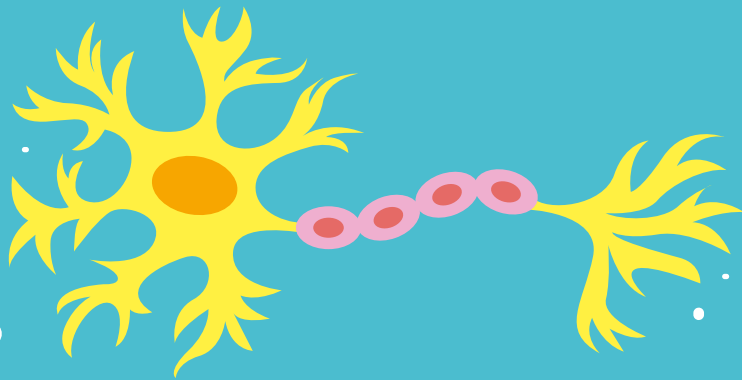
Ready for a tour?

Before we start, let  
me tell you a bit  
about your brain.



Your brain is home to thousands and thousands of brain cells called neurons. Neurons are made up of a cell body, long arms called dendrites, and long legs called axons.

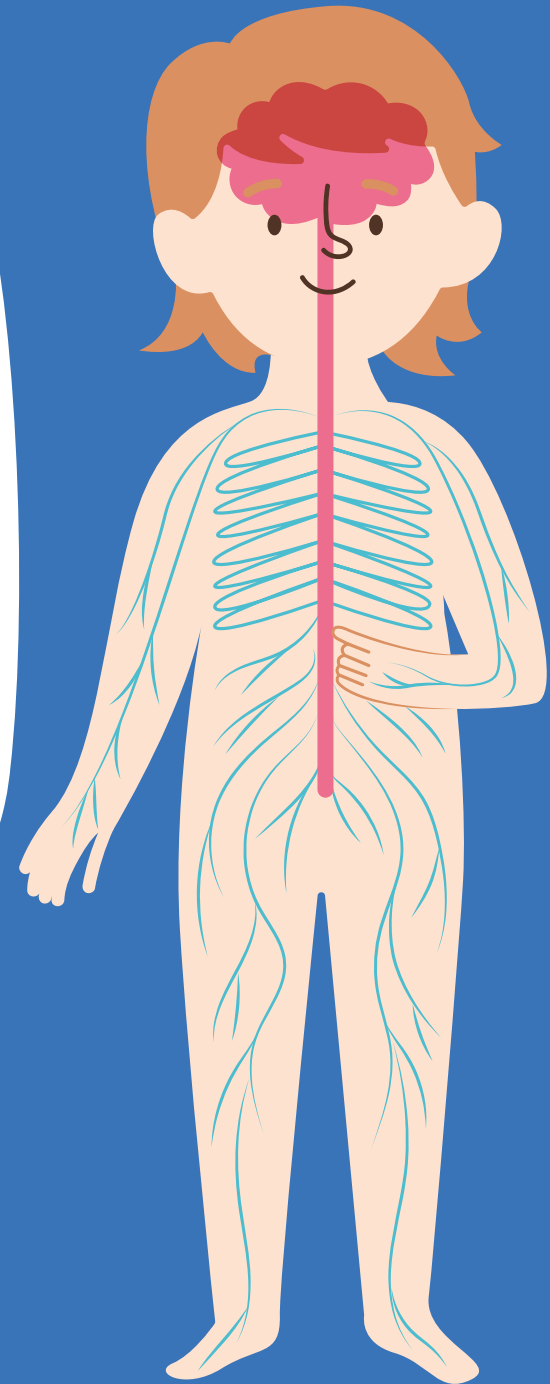


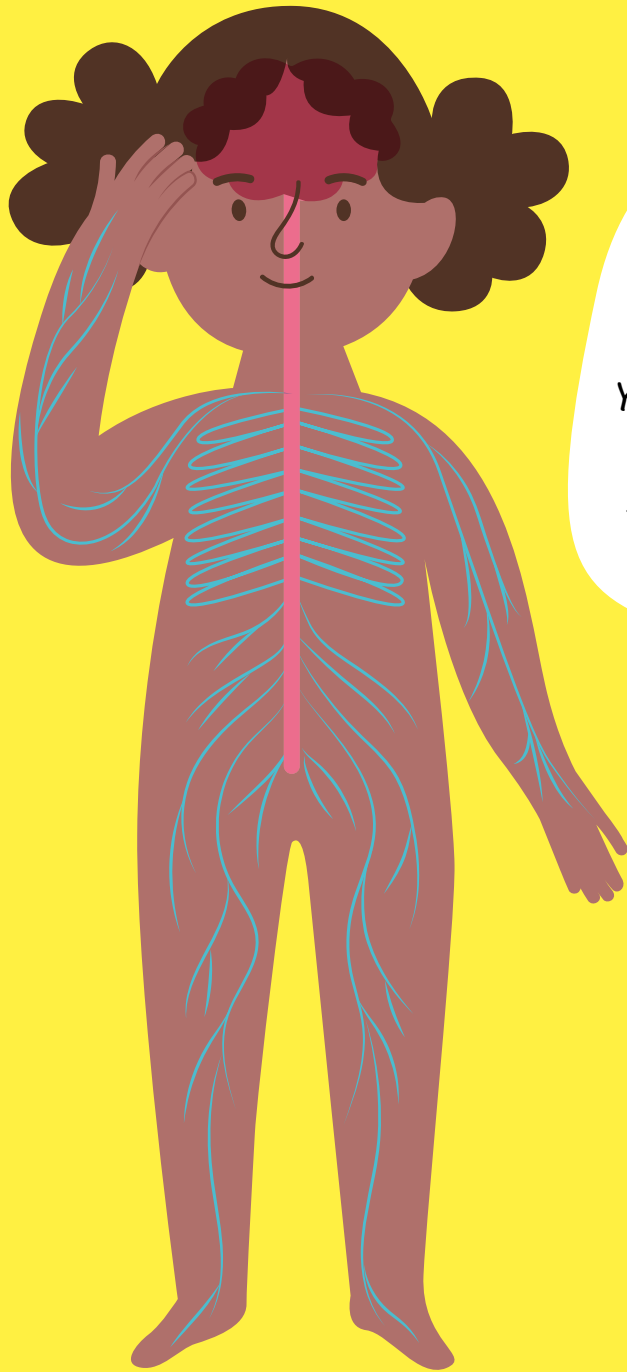


Neurons talk to one another by sending out signals from their axons to the next neuron's dendrites. For you to do anything, many neurons have to talk together. We call these lines of communication nerves. You have nerves all over your body so that the brain and body can work together.



Down the middle of your back is your spinal cord. The spinal cord is like a busy highway between the brain and the rest of the body. Your brain talks to your body and your body talks to your brain through the nerves in your spinal cord. There are nerves that come and go from the spinal cord to other parts of your body like your arms and legs.





Your brain gets information  
about what is happening to your  
body through the spinal cord.  
Your brain sends information back  
to your body to move and react  
to the information it is getting.



Your brain gets information about what you see, hear, smell, taste, and feel directly from the nerves that come from your eyes, ears, nose, mouth, and skin.

