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Use these questions to make sure you understood the Background PowerPoint.

SCFA and GPR-41 Background PowerPoint Questions

What is a short chain fatty acid and what does it do?

What is G-Protein Coupled receptor and what is its function?

Describe the sympathetic nervous system, how does it affect heart rate?

What is a pre-ganglionic and post-ganglionic neuron?

What is the parasympathetic nervous system? Sympathetic nervous system?

Explain the opposite effects of the sympathetic and parasympathetic nervous system?

Describe preganglionic and post ganglionic neurons. What neurotransmitters do they release and how do they differ between the sympathetic and parasympathetic nervous system?

Describe the purpose of experimenters using knockout genes in mice.

Explain antagonists and agonists and how one can tell whether a drug is an antagonist for a receptor from a graph?