

**Cross-Curricular Connections: Q**

**Directions:** Define key science terms relating to topics in neuroscience, biochemistry and microbiology using contextual clues from "[Parkinson's pathways](#)." Use resources beyond the article to find more information if necessary.

**Definitions relating to the article:**

**What is Parkinson's disease?**

**What is Alzheimer's disease?**

**What are neurotransmitters?**

**What is alpha-synuclein and what role does it play in the body?**

**What are Lewy bodies? What role do Lewy bodies play in Parkinson's disease?**

**What is amyloid? Name a disease which is closely associated with amyloid buildup.**

**What is the human microbiome? Name a common bacteria that lives in the human body and describe its function.**

**What is a biofilm? Give an example of a biofilm that exists in/on the human body.**

**What are prions? Name a disease caused by a prion.**

**Discussion beyond the article:**

**What is a current treatment for Parkinson's disease?**

**What is amyotrophic lateral sclerosis (ALS)?**

**What is chronic traumatic encephalopathy (CTE)?**

**What are tau proteins?**

**What are tumor necrosis factors (TNFs) and antitumor necrosis factors?**

**What are stomach ulcers?**

**What is Crohn's disease?**