

No _____ Name _____

Test3

Instructions: Please write your answer in ENGLISH to the following question. You are encouraged to provide clear, detailed, and concise response.

Please write your response in the box below.

Question 1. Please explain what motivated you to apply to the graduate program.

(Describe the personal, academic, and/or professional reasons for applying, and explain how these factors have shaped your decision to pursue a PhD.)

Box for answer

1	<p>.....</p> <p>Example for answer) During my time as a dental student, I was always curious about how odontoblasts receive external and/or internal stimuli applied to the dentin surface—stimuli capable of triggering reactionary or reparative dentinogenesis, as well as the formation of a dentin bridge. If I can uncover the cellular and molecular mechanisms underlying the transduction of these stimuli into cellular responses, it could lead to novel insights into the mechanisms behind not only dentinogenesis but also the occurrence of dentinal pain. This is the primary reason I applied to the graduate program at your institution—to clarify the cellular, molecular, and electrophysiological properties of odontoblasts in order to deepen our understanding of the sensory transduction pathways involved in tooth pain, as well as the stimuli-induced processes of dentinogenesis.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
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