題號:177 國立臺灣大學100學年度碩士班招生考試試題

科目:基礎牙周病學

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1. Please describe in details the evidences that *Porphyromonas* gingivalis may be an etiologic agent of destructive periodontal diseases (20%).

- 2. Please describe the biological evidences linking periodontal disease and cardiovascular disease (15%).
- 3. There are many reasons to believe that interleukin-1β might be an important mediator of connective tissue destruction in the gingiva and periodontal ligament, as well as of bone resorption. Please describe in details the possible signal transduction pathways by which Porphyromonas gingivalis induce interleukin-1β expression. (25%).
- 4. Please write a scientific proposal that you are planning to do in your graduate study. (It should include Aims, Background, Materials & Methods and anticipated results.) (40%).

試題隨卷繳回