

國立嘉義大學九十三年學年度

生物藥學研究所碩士班招生考試試題

科目：專業英文

1. Being a future medical science researcher, please describe your point of view on how to prevent the spread of epidemic flu, such as the SARS outbreak last year. (20%)

2. Please translate the following **English** research report into **Chinese**. (20%)

Hypoglycemia is a common cause of neuronal damage in ischemic stroke. The pathological mechanism is believed to be energy depletion, mitochondrial dysfunction, and subsequent external glutamate accumulation due to depolarization-induced glutamate release.

3. Translate the following paragraphs from **Chinese** to **English**.

(1) 在科學研究中，要觀察每一件事是不可能的，因此觀察者必須將他的注意力集中在某一特定的領域，然而他必須同時試著去注意到其他的部分，尤其是一些較為奇特的部分。(20%)

(2) 在細胞的分化中，每一種細胞選擇利用某些特定的基因合成一些其他細胞所沒有的蛋白質，而形成一特定的結構與功能。(20%)

4. Translate the following scientific terminology from **English** to **Chinese**. (20%)

(1) Apoptosis

(2) Antioxidant

(3) Cell cycle synchronization

(4) Biological activity

(5) Chinese herb medicine