

令和5年8月1日実施

名古屋市立大学大学院医学研究科博士課程入学試験(1回目)

医学・生物学一般問題(問題用紙1枚、解答用紙2枚)

Select any two of the following four questions, and write your answers on answer sheets provided.

Use one sheet per question (if you need more space for answers, continue them on the reverse side of the sheet). Please make sure that you write the number of question you selected in the answer sheet.

**<Question 1>**

Explain the relationship between smoking and cancer.

**<Question 2>**

Explain what MHC (Major histocompatibility complex) restriction is.

**<Question 3>**

Explain the method of machine learning, including both the learning method (supervised and unsupervised and enforced learning) and the machine learning algorithm.

**<Question 4>**

Explain immune checkpoint inhibitors.