

## **BIOMEDICAL SCIENCES SUMMER SCHOOL MINI PROJECT 2022**

Send to [stem@leeds.ac.uk](mailto:stem@leeds.ac.uk) – I will provide feedback as long as you send it by July 27<sup>th</sup>. *Note: This isn't compulsory but will be great as an experience and hopefully the feedback will be helpful to you.*

**The Case Study:** A patient presents to hospital with a sudden onset of dizziness, a feeling of vertigo or falling, difficulties walking, and problems maintaining balance.

They are a 60 year old man, a smoker, and have a history of hypertension. Neuroimaging is performed and finds that the patient has had a stroke.

**Summarise (no more than 400 words):**

- 1) What a stroke is and what can cause it.
  
- 2) Which part of the brain you think was affected in this patient and why (based on their symptoms).
  
- 3) What treatment the patient could receive and how it works.
  
- 4) How stroke risk can be reduced in future (did the patient have any risk factors for example?)

You can write them as individual answers (1 to 4) or combine it all into one paragraph. If you use any references, provide details! Try to write as scientifically as you can.

**Writing is a really important skill for University. I won't provide feedback on spelling and grammar, just on your ability to explain the concepts!**