**Guidelines for preparing Journal report**

The word limit should be 1000 words (±10%)

Each Journal report should consist of the following:

**Title page:** This should be your own title.

**Following page:** student name, ID, module and programme information.

**Journal critique:**

**Abstract** (no more than 250 words): Follow the instructions that I have uploaded. This should be your own abstract based on your understanding of the article.

You should critique on the abstract of the article if the authors have addressed all the key points

If the abstract is not clear, then suggest what information is missing.

**Contents:** write-up this section towards the end.

**Aim:** Should be in your own words based on your understanding of the article (what authors are trying to achieve).

Title page, abstract, contents and aim will not be counted in 1000 words.

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**Following five sections will be counted in 1000 words**

Introduction: Usually describes the background of the topic and also the findings that directly lead the work described in the article.

Some publications may have very limited information on the background of the topic. If you feel that some key background information is missing in order to understand the proposed hypothesis in the article, you can then critique and explain. Also comment on the authors justification (need for their research) of their research work.

**Methods:** First, discuss the methods briefly and suggest any alternative methods that could be used to generate the similar results. Also include if there are any advantages with the methods that you have suggested than the methods used in the publication.

Also comment, if the methods are detailed enough to allow other researchers to replicate this work. At the same time, you also need to be aware that some authors use the established methods and refer to previous articles. This is also a common practice.

**Results:** You need to select **only the key results** from the article for the coherent discussion. Where possible use the figures and tables to show your results.

You should check the following

If controls have been used in the experiments. Are there too many variable to trust the results? If appropriate, critique on the controls and the variable used in the experiments.

If the article has logical connection of why the experiments have been carried out, or what ideas were being tested.

If the figures and tables have proper legends. Also, if the legends have enough explanation about the experiment. If you find that legends are having insufficient information to understand the figures or tables then suggest your alternative legends.

**Discussion:** Critically analyse the results and interpret the data. Your discussion should be relevant to your results.

You should check the following

If the authors have missed discussing any of the important aspects of the results.

Are the authors critical about their experiments? Are they open minded about the other possibilities?

Points specific to drug like molecules: are the authors justified the reasons for failure of *in vivo* activity of the compounds although compounds displayed good *in vitro* activity.

**Conclusion and future directions:** You should write these in your own words after analysing the scientific information from the article.

Check, if the evidence given in the research article support their conclusion and the future directions are relevant.

**References (Use Harvard Referencing)** – This will not be counted in 1000 words.

Formatting instructions:

1. Times New Roman font size 12.
2. Double-spaced throughout.

**Submission:**

Reports will need to be submitted through Turnitin on Thursday, 17th December 2021, before 10am.