**Practical assignment**

**Module topic: Introduction to the microbiome – why 16S?**

**Contact session title: Module 2 (Parts 1-3)**

**Trainer: Shantelle Claassen-Weitz**

**Participant:** <*write your name here>*

**Date:** <*write today’s date here*>

**Literature search and presentation:**

**An interesting microbiome study using 16S rRNA gene sequencing**

**Introduction**

*Conduct a literature search of recent peer-reviewed publications (2018 -2019) using 16S rRNA gene sequencing to conduct a microbiome study.*

**Tools used in this session**

*Databases such as Pubmed, Google Scholar, Ebsco, Scopus, etc.*

[*https://www.ncbi.nlm.nih.gov/pubmed/*](https://www.ncbi.nlm.nih.gov/pubmed/)

[*https://scholar.google.com/*](https://scholar.google.com/)

**Please note**

* **Hand-in information** please upload your completed assignment to the Vula ‘Assignments’ tab. Take note of the final hand-in date for each assignment, which will be indicated on Vula.

**Task: Literature search and presentation**

**Task: instructions**

*Search the literature for a recent peer-reviewed publication (published in 2018 or 2019) using 16S rRNA gene sequencing to study the microbiome.*

*This could be a paper which relates to your field of study or which is completely outside your "comfort zone" - the latter is never a bad idea!*

*Pair up with someone and casually present the article you selected, by highlighting:*

*- the aims of the study*

*- the importance of the study (gaps in the literature that the paper is addressing)*

*- the methodology used*

*- participant characteristics (for example, disease states or interventions tested, etc)*

*- primary findings*

*- limitations*

*- conclusions*

**Task: participant’s answer**

<*start typing your answer here*>

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*Evaluate your partner's presentation by scoring him/her a mark out of 10.*

**Task: Score from partner:**

**Partner name and surname: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Score out of 10: \_\_\_\_\_\_\_\_\_\_\_**