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**INSTRUCTOR**

Sessional Lecturer, Department of Biochemistry and Microbiology, University of Victoria

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**COURSE DESCRIPTION AND OBJECTIVES:**

This course aims to examine recent advances in microbiome research and select techniques in the context of human health.

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**COURSE TOPICS**

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	-Features, functions, methods for investigation, challenges, impacts
	-mechanisms, approaches; implications for infectious disease (virus) and autoimmune disorders (MS)
	-mechanisms, approaches; implications for insulin resistance, Diabetes
	-mechanisms, approaches; mental health disorders (Autism, depression)
	-mechanisms of impact
	-applications, company profiles, history

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**ASSESSMENT OF STUDENT PERFORMANCE**

85 - 89  
80 - 84

73 - 76  
70 - 72

60 - 64  
50 - 59

< 50

\* N grades

Students who have completed the following elements will be considered to have completed the course and will be assigned a final grade: Midterm 1, Midterm 2, Group Presentation, at least 2 Assignments, and Paper Contribution.

Failure to complete one or more of these elements will result in a grade of "N" regardless of the cumulative percentage on other elements of the course. An N is a failing grade, and it factors into a student's GPA as 0. The maximum percentage that can accompany an N on a student's transcript is 49.

Students are responsible for ensuring that they are properly registered in the course, and are expected to have met all pre/co-requisites for the course.

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