



Lakehead  
UNIVERSITY

Department of  
Biology

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## BIOLOGY 5131 WD 2015

### Biotechnology and Bioproducts

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Office hours: TBA or by appointment  
Meetings: 3 Hours/Week  
Time: TBA  
Location: TBA

#### Description:

This course will mainly consist of [1] Instructor's lectures; [2] Guest speaker's lectures; [3] Intensive reading and discussion of scientific papers led by instructor and/or students; [4] Students free style and Powerpoint presentations based on literatures. All the students will extensively read current literatures in the field of biotechnology and bioproducts. Students may lead discussions of some of the selected papers. Students write one to two pages of summaries for the selected papers and submit to the instructor and classmates for further discussion and marking. One Powerpoint oral presentation will be used for class marking, while the other Powerpoint presentations will be used for practice.

#### Marking (100%):

Participation: 15% (1% deduction for missing or late for each class).  
Paper discussions in the class: 30% (Mainly based on the involvement of discussion).  
Written summaries: For 5 papers (up to two pages for each paper): 25%, 5% each.  
Powerpoint presentation (Marking by fellow students as well): 30%.

#### Papers for reading and discussion (Papers will be added):

[1] Instructor recommended papers (Papers will be added)  
[2] Student selected papers (each student can select up to x papers in your own research field and discuss in the class)