

BCMB 406B

Laboratory Manual

2018

Name: _____

Email address: _____

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Appendix 1A:

Instructor Contact Information

Lab	Instructor	Email	Phone	Office
1 & 2	Erika Wall	ewall@uvic.ca	250-472-5119	Petch 179b
2	Glen Pryhitka	pryhitka@uvic.ca	250-721-7076	Petch 179a
3	Val Kerr	valk@uvic.ca	250-472-5119	Petch 179b

Each instructor is responsible for a different lab as indicated above. Please make sure that you address any concerns or questions to the appropriate instructor.

CourseSpaces

<https://coursespaces.uvic.ca/my/>

Enter: NetLink-ID and Password

Select: 201801 BCMB 406B B01/B02/B03/B04 X

Important information for the course and each lab is posted on CourseSpaces. Announcements are frequently sent to students, so please make sure that you check the email you have on record.

Lab Exams (50%):

The lab exams are non-cumulative. The midterm will be a three hour exam and will cover material from labs 1 and 2. The final exam will be a three hour exam scheduled during the regular exam period in April and will cover material from lab 3 only.

Midterm (TBA) %)
Final Exam (TBA) %)

Lab Reports (20%): Marks for the lab reports will be assigned as indicated below.

		Marks
Lab 1	Primer Design	15
Lab 2	Site-Directed Mutagenesis of a CBM Protein	45
Lab 3	Purification and Characterization of a Mutant CBM Protein	40
Total Marks		100

Practical Assessment (20%):

Practical assessments will be done for each student by laboratory instructors and teaching assistants and will consist of:

- Frequent pre-lab quizzes to assess preparedness
- Pre-lab and in-lab assignments, calculations and problem sets
- Frequent evaluation of experimental results to assess technique
- Thoroughness of clean-up at each bench after the lab

Weighting of these assignments will vary based on the discretion of the instructors.

Laboratory Report Guidelines and Format

All laboratory reports must

Course Policies

Attendance

Laboratory attendance is compulsory. Failure to attend a lab without a written medical excuse will result in a mark of '**N**' (**incomplete**) for the course. A change of lab section must be arranged with the lab instructor **prior** to the lab period. Students who miss a lab for medical reasons are responsible for maintaining their lab journal and for obtaining the data needed to write up the lab report.

It is important to arrive on time. Students who arrive after a pre-lab quiz has begun will not be given extra time to complete the quiz. No makeup quizzes will be given for students who arrive after a quiz is over. The instructor reserves the right to refuse late arrivals or withhold practical marks associated with that lab if a student shows up late without a legitimate reason.

Late Assignments or Lab Reports

Late assignment or lab reports (either the hard copy or the electronic copy) will be penalized 10% per day and will not be accepted after one week (7 days) following the designated due date. Late lab reports or assignments can be emailed to the instructor on days when the university is closed but a hard copy must be submitted by noon on the first working day after the emailed submission.

Re-marking Policy

Request to have assignments (lab reports, quizzes, exams, journal entries, practical assessments, etc.) reviewed/remarked must be made within one week of the assignments being made available. Students are expected to promptly pick up assignments after marking is completed, either in lab or from the instructor. Any resubmissions will involve remarking of the entire assignment and students will be given the grade assigned after the second review.

Centre for Accessible Learning

Students with diverse learning styles and needs are welcome in this course. If you have a disability/health consideration that may require accommodations, please feel free to approach an instructor and/or the Centre for Accessible Learning (CAL) as soon as possible. The CAL staff is available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations. The website is <http://www.uvic.ca/services/cal/index.php>. The sooner you let us know your needs, the quicker we can assist you in achieving your learning goals in this course.

Department Information and Policies

1.

3. Any recordings of lectures may only be performed with written permission of the instructor, and are for personal use only. The instructor retains copyright to such recordings and all lecture materials provided for the class (electronic and otherwise); these materials must not be shared or reposted on the Internet.
4. Course materials, such as notes, problem sheets, quizzes, examinations, example sheets, or review sheets, may not be redistributed without the explicit written permission of thviii

Safety Regulations

Work in a microbiology laboratory involves exposure to living microorganisms, many of which must be considered as potential pathogens. Personal recognition of safety and the
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Building Evacuation in Case of Fire

If you discover a fire:

Activate the nearest fire alarm pull station.

Call **911** and Campus Security Services at **7599**. State your name and location.

Evacuate the building.

If you hear a fire alarm:

If possible secure equipment and close windows and doors.

Follow the established evacuation route. Do not use elevators.

Meet at your designated Emergency Evacuation Site.

Do not re-enter the building until permission is given by the Fire Department.

If you cannot evacuate:

Close the doors between you and the fire.

If possible call **911** and advise the Fire Department of your situation.

Hang clothing or a cloth from a window to alert emergency response personnel.

Earthquake Evacuation Procedures

During an Earthquake:

Get away from windows and heavy objects.

Duck, cover and hold on. Crouch low to the ground; protect head with your arms; seek cover under and hold onto heavy furniture. Watch for moving objects.x

