

EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	BMED330	Semester / år:	Spring semester 2024
Emnenavn: <i>COURSE NAME:</i>	<i>Cell Communication and Intracellular Signaling</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	James Lorens	Godkjent:	Utdanningsleder IBM 04.12.2024
Rapporteringsdato: <i>DATE OF REPORT:</i>	03.12.2024	APPROVED: (admin.)	

INNLEDNING / INTRODUCTION:

Kort beskrivelse av emnet, inkl. studieprogramtilhørighet. Kommentarer om evt. oppfølging av tidligere evalueringer.

SHORT COURSE DESCRIPTION, INCLUDING WHICH STUDENTS/CANDIDATES MAY ATTEND. COMMENTS TO CHANGES BASED ON PRIOR EVALUATIONS.

Cell Communication and Intracellular Signaling (10 ECTS) is a course available for students attending a Master's Programme, as well as PhD candidates and visiting students that meet the required previous knowledge in biology, molecular biology or equivalent.

The course objective is to provide students an understanding of the principles of cellular communication and cell signaling. The course runs over a period of 7 weeks, comprising 6-8 hours of mandatory lectures and student group presentations per week.

The Deadline for Semester Registration was 1 February. When the distribution list for the survey was downloaded the 7 February a total number of 9 students were registered as attendees for the course this semester:

- 7 Master students in Biomedical Sciences (MAMD-MEDBI), and
- 2 visiting/exchange students (INTL-MED) through an international agreement between their home institution and the Faculty of Medicine.

Mitt UiB (<http://mitt.uib.no>) is the Learning Management System (LMS) used by all courses at University of Bergen. The student can find Syllabus and information at the Course site, contact information and lecture notes (if given). All students have access to the course page at Mitt UiB as long as they are registered as attendees and/or for the exam.

For course descriptions, visit <http://www.uib.no/en/course/BMED330>

For previous reports, visit <https://kvalitetsbasen.app.uib.no/popup.php?kode=BMED330>

The evaluation report for 2023 listed following changes planned for 2024:

Coordination with other courses to ensure that students receive training in scientific presentation. If the number of MS students decreases (e.g. due to the new tuition rules) may require merging this course in some form with other BMED courses.

Comments: The major challenge for this course is the low enrollment; only 9 students took the course (while BMED331 Tumor Biology had 40 students). This is highly inefficient and disruptive as the premise for the course is a series of journal-club style student presentations integrated with regular lectures. The few

and varying number of enrolled students is a continual problem. Discussions with faculty emphasize this point and integrating BMED330 into BMED331 or another BMED graduate class has been proposed. Student led- article discussions require a minimum enrollment which has been problematic for several years. Further we have lost several lecturers to retirement that have not been replaced. An overhaul is required. This has been raised to the studie administration by Lorens again last year. Lorens has picked up the slack and assumed several more lectures but this is not sustainable.

STATISTIKK / STATISTICS (admin.):

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		12		Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>			9
Karakter- skala GRADING SCALE	«A-F»	A:	B:	C:	D:	E:	F:
		1	0	4	2	0	2

KOMMENTARER TIL KARAKTERFORDELINGEN / COMMENTS TO THE STATISTICS:

Emnerapporten utarbeides når sensuren etter ordinær eksamen i emnet er klar. For muntlige eksamener er da resultatfordelingen endelig, men for skriftlige eksamener kan endelig resultatfordeling avvike noe om evt. klagebehandling ikke er fullført.

THIS REPORT IS PREPARED AFTER ORDINARY EXAMINATION. FOR ORAL EXAMS, THE RESULTS ARE FINAL, FOR WRITTEN EXAMS, THE FINAL GRADING DISTRIBUTION MAY DIFFER SLIGHTLY IF CANDIDATE COMPLAINTS/APPEALS HAVE NOT BEEN PROCESSED.

In general the results of the final examination are consistent with previous years

SAMMENDRAG AV STUDENTENE SINE TILBAKEMELDINGER / SUMMARY OF EVALUATIONS GIVEN BY THE STUDENTS

Spørreundersøkelse via Mitt UiB, annen evaluering, tilbakemelding fra tillitsvalgte og/eller andre.

COURSE EVALUATION ON MITT UIB, OTHER EVALUATIONS, RESPONSES FROM THE STUDENT REPRESENTATIVES AND/OR OTHERS.

SurveyXact was used as the digital evaluation system. Exam questions comprised multiple choice (MCQ) and written answer questions.

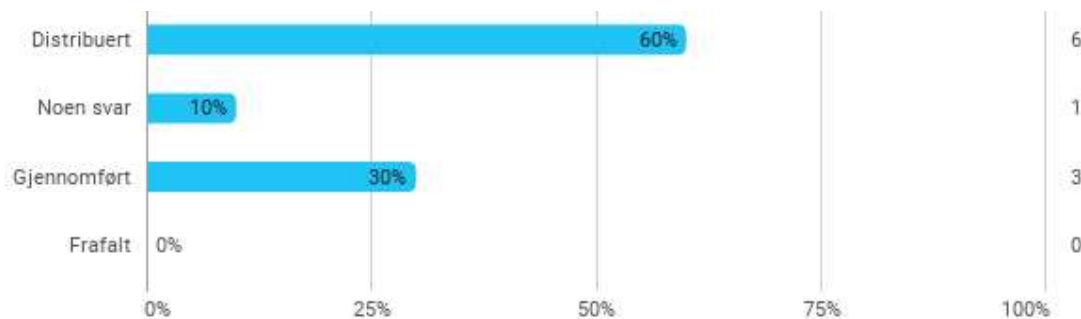
An anonymous survey was distributed by UiB email addresses on 26th February to the students (10) registered as attendees. Reminder was sent the 1st and 8th March to those (resp. 10 and 8) that hadn't responded before.

The attendees were asked about the academic content, the organization and the educational level of the teaching, and asked to evaluate the total workload of the course. They were asked to give their responses about the lectures, what they appreciate – or found disappointing – about the course, and to evaluate the given review articles.

Finally came some questions regarding the exam and their learning outcomes.

When the survey closed the 15th of March, responses from only 4 (40 %) students was registered.

OVERALL STATUS:



Distributed (but no responses): 6 – Some answers: 1 – Completed: 3

RESULTS / STUDENT FEEDBACK:

The number of students who gave their feedback on the survey was too small to draw any unequivocal results.

EMNEANSVARLIG SIN EVALUERING OG VURDERING / EVALUATION AND COMMENTS BY COURSE COORDINATOR:

Faglæreres vurderinger av emnet. *TEACHER COMMENTS.*

Eksempel: Kommentarer om praktisk gjennomføring, undervisnings- og vurderingsformer, evt. endringer underveis, studieinformasjon på nett og Mitt UiB, litteraturtilgang, samt lokaler og utstyr.

EXAMPLE: COMMENTS ABOUT PRACTICAL IMPLEMENTATION, TEACHING AND ASSESSMENT METHODS, IF NECESSARY. FUTURE CHANGES/CHANGES IN PROGRESS, STUDY INFORMATION ON THE INTERNET AND MITT UIB, LITERATURE ACCESS, LOCALES AND EQUIPMENT.

The major challenge for this course is the low enrollment. The combined lecture and journal-club style student presentations are popular with the students but require a minimum enrollment.

MÅL FOR NESTE UNDERVISNINGSPERIODE – FORBEDRINGSTILTAK / PLANNED CHANGES FOR THE NEXT TEACHING PERIOD – HOW TO BE BETTER:

Lorens is on sabbatical in 2025 and Md Jubayer al Hossain has assumed responsibility for the course. Lorens has encouraged him to introduce further changes and new topics to the schedule to mitigate the loss of available teachers and improve the quality of the course.

The new edition of Cell Signaling will be evaluation to become the primary syllabus.

FS – resultatfordeling (graf) / FS – DISTRIBUTION OF GRADING (GRAPH):



FS580.001 Distribution of results

Exam: BMED330 0 S 2024 VÅR

Cell Communication and Intracellular Signaling - Written Examination

10,0sp

Grading scale: Letter grades

	Total
Number of candidates (registered):	12
Number appearing at the examination:	9
Number of passes:	7
Number of failures:	2 22%
Number of withdrawals during examination	0
Mean grade:	C
Number presenting medical certificates:	0
Number of withdrawals before examination	0

