

## EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	<b>BMED330</b>	Semester / år:	<b>Spring semester 2019</b>
Emnenavn: <i>COURSE NAME:</i>	<i>Cell Communication and Intracellular Signaling</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	<b>Elon Donald Gullberg</b>	Godkjent:	Studieleder IBM 12.08.2019
Rapporteringsdato: <i>DATE OF REPORT:</i>	15.07.2019	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 with required previous knowledge in biology, molecular biology or equivalent.

The course aim is to give the attendants an overview of cellular interactions with the cellular microenvironment and the signaling events resulting from these interactions. The course runs over a period of 4-5 weeks, and consist of 6-8 hours of mandatory lectures per week.

A total number of 19 students were registered for the exam this semester, while only 13 were registered for the attendance:

- 3 visiting/exchange students (INTL-MED) through an international agreement between their home institution and the Faculty of Medicine,
- 2 visiting/exchange students (INTL-MN) through an international agreement between their home institution and the Faculty of Mathematics and Natural Sciences,
- 7 Master students in Biomedical Sciences (MAMD-MEDBI) at the Faculty of Medicine, and
- 1 student with a One-Year study right (ÅRMO) at the Faculty of Medicine.

Of the 6 students who only signed up for the exam was 5 students with a One-Year study right (ÅRMO) at the Faculty of Medicine, and 1 Master Student in Nanoscience (MAMN-NANO) at the Faculty of Mathematics and Natural Sciences.

*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). The Course site is also used for evaluation, see further down.

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>

<b>STATISTIKK / STATISTICS (admin.):</b>							
Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		<b>19</b>		Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>		<b>12</b>	
Karakterskala <i>GRADING SCALE</i>	«A-F»	<b>A:</b>	<b>B:</b>	<b>C:</b>	<b>D:</b>	<b>E:</b>	<b>F:</b>
		<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>2</b>
<b>KOMMENTARER TIL KARAKTERFORDELINGEN / COMMENTS TO THE STATISTICS:</b>							
<p>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.</p> <p><i>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/APEALS HAVE NOT BEEN PROCESSED.</i></p> <p>The course has been given 5+ years now, but this is the first year that we have had so high grades. This does not reflect a transition to digital exam with multiple choice answers, but reflects a very motivated and ambitious student group.</p>							
<b>SAMMENDRAG AV STUDENTENE SINE TILBAKEMELDINGER / SUMMARY OF EVALUATIONS GIVEN BY THE STUDENTS</b>							
<p>Spørreundersøkelse via Mitt UiB, annen evaluering, tilbakemelding fra tillitsvalgte og/eller andre.</p> <p><i>COURSE EVALUATION ON MITT UIB, OTHER EVALUATIONS, RESPONSES FROM THE STUDENT REPRESENTATIVES AND/OR OTHERS.</i></p> <p>The students were asked to give their feedback in a short survey at Mitt UiB. Some of the questions were Multiple Choice Questions (MCQ), while others opened up for the students to give their own opinion as written text.</p> <p>The Survey was open from 7 March until 15 March and was announced via the Course Page when the survey opened, and later the same day by the Course coordinator. A reminder was given via the Course Page the 10 March as well.</p> <p>The attendees were asked MCQ's about the academic content, the organization and the educational level of the teaching, and to evaluate the total workload of the course. In addition to these, the students were asked to give their responses to the following questions:</p> <ul style="list-style-type: none"> <li>• Course lectures: What was good, what was bad?</li> <li>• What did you appreciate about the course?</li> <li>• What did you find disappointing about the course?</li> </ul> <p>The attendees were also asked about given review articles; the organization in groups to present them, if the selection was good and they improved the understanding of the subject area, and the chosen time delay between lectures and corresponding articles.</p> <p>When the survey closed, responses from 9 students was registered; 4 exchange students and 5 Master Students in Biomedical Sciences.</p> <p><b>RESULTS:</b> In general, a very positive feedback with high answering rate.</p>							

On the positive side:

- Review articles with a 2-day delay from corresponding lectures seems to be much appreciated.
- Themes taught are appreciated.

On the negative side:

- Too little time to study. Try to postpone exam yet another week? but will also require changes in other courses that start after lectures in BMED 330 have ended.
- No instructions for how to present articles. This is something that can be changed for future courses.

**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 big challenge for next year is that Stein Ove Døskeland has retired and somebody needs to take over "his" teaching.

Suggestion: Thematically G-protein signalling overlaps with lectures of Jim Lorens and Niels Aarsaether. I therefore suggest that they each take one 2X1 lecture each (with each dubbeltime lecture goes one review article).

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

No specific plans other than maintain the current standard and work out replacement lectures for Døskeland.



**FS580.001 Resultatfordeling**

Eksamen: BMED330 0 S 2019 VÅR

Cellekommunikasjon og intracellulær signalering - Skoleeksamen

10,0sp

Karakterregel: A-F

	Totalt
Antall kandidater (oppmeldt):	19
Antall møtt til eksamen:	12
Antall bestått (B):	10
Antall stryk (S):	2
Antall avbrutt (A):	0   17%
Gjennomsnittskarakter:	B
Antall med legeattest (L):	0
Antall trekk før eksamen (T):	0

**Karakter Antall**

E	0
D	1
C	3
B	3
A	3

