

**EMNERAPPORT – INSTITUTT FOR BIOMEDISIN**

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	<b>BMED330</b>	Semester / år:	<b>Spring semester 2017</b>
Emnenavn: <i>COURSE NAME:</i>	<i>Cell Communication and Intracellular Signaling</i>	SEMESTER / YEAR:	
Emneansvarlig: <i>COURSE COORDINATOR:</i>	<b>Donald Gullberg</b>	Godkjent: <i>APPROVED:</i> (admin.)	Undervisningsmøte, IBM 26.04.2017
Rapporteringsdato: <i>DATE OF REPORT:</i>	<b>2017-04-23</b>		

**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 will consist of 6-8 hours of mandatory lectures per week.

A total number of 15 were registered as attendees to the course spring semester 2017, 14 students as well as 1 PhD Candidate, all at The Faculty of Medicine and Dentistry. 2 of these were visiting/exchange students through an international agreements, 12 were Master Students in different programmes; 9 in Biomedical Sciences (MAMD-MEDBI), 2 in Oral Sciences (MAOD-ORAL) and 1 in International Health (MAMD-INTH).

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

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

**STATISTIKK / STATISTICS (admin.):**

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>		<b>16</b>	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>		<b>15</b>		
Karakterskala <i>GRADING</i>	«A-F»	<b>A:</b>	<b>B:</b>	<b>C:</b>	<b>D:</b>	<b>E:</b>	<b>F:</b>
		2	3	2	2	2	3

**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.*

Somewhat higher grades than previous years, probably due to digital exam and multiple choice questions.

### **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.*

12 among 15 students gave their responses on the course evaluation at Mitt UiB this semester.

Hvilken studentgruppe tilhører du? / Which group of students do you belong to?

Master in Biomedical Sciences	8 respondents	67 %		✓
Exchange student from abroad	2 respondents	17 %		
Student at an other faculty	1 respondents	8 %		
Other	1 respondents	8 %		

Hvordan vurderer du det faglige innholdet? / Do you find the academic contents of this course to be:

Alt for enkelt / Far too easy		0 %		✓
For enkelt / Too easy		0 %		
Passe / Average	8 respondents	67 %		
For komplisert / Too complicated	3 respondents	25 %		
Alt for komplisert / Far too complicated	1 respondents	8 %		

Hvordan vurderer du det pedagogiske nivået? / How do you rate the educational level of the teaching on the course?

Alt for dårlig / Far too low		0 %		✓
Dårlig / Too low	1 respondents	8 %		
Greit / Average	7 respondents	58 %		
Godt / High	4 respondents	33 %		
Svært godt / Very high		0 %		

Hvordan vurderer du arbeidsmengden i emnet? / How do you evaluate the total workload of the course?

<b>Alt for lite / Far to little</b>		<b>0 %</b>	
For lite / Too little		0 %	
Passe / Average	6 respondents	50 %	
For mye / Too much	6 respondents	50 %	
Alt for mye / Far too much		0 %	

Hvordan vurderer du organiseringen av emnet? / What do you think of the general organization/structure of the course?

<b>Alt for dårlig / Far too poorly organized</b>	1 respondents	<b>8 %</b>	
Dårlig / Too poorly organized	1 respondents	8 %	
Grei / Average	5 respondents	42 %	
God / Well organized	4 respondents	33 %	
Svært god / Excellently organized	1 respondents	8 %	

What did you think about the review articles and organization in groups to present them?

<b>Unyttige / Not useful at all</b>		<b>0 %</b>	
Lite nyttige / Somewhat useful	2 respondents	17 %	
Nyttige / Average	6 respondents	50 %	
Meget nyttig / Useful	2 respondents	17 %	
Svært nyttige / Highly useful	2 respondents	17 %	

Do you think it is a good idea to present articles with a two day delay, with respect to corresponding lectures?

<b>Unyttige / Not useful at all</b>		<b>0 %</b>	
Lite nyttige / Somewhat useful	1 respondents	8 %	
Nyttige / Average	3 respondents	25 %	
Meget nyttig / Useful	3 respondents	25 %	
Svært nyttige / Highly useful	5 respondents	42 %	

In addition to these, the students were asked to give their responses to the following questions:

- Course lectures: What was good, what was bad?
- What did you appreciate about the course?
- What did you find disappointing about the course?

**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.*

Three changes were made to the 2017 course:

- Review articles were presented with two days delay, compared to the lecture dealing with the subject of the review.
- Review articles became part of pensum.
- Digital exam and a digital quizz midway in course.

The change in presentation times for review articles seems to have been smooth, but most students disliked including articles in pensum.

Digital exam was also a novel moment for a majority of the teachers, but overall this also went smooth. IT will be important to keep some essay question and not completely resort to multiple choice questions.

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

1. I invested some effort into making students fill out course evaluation which was successful and resulted in substantial amount of input. These can be summarized as follows:

Teachers have to improve by:

- posting their lecture powerpoints (ppts) in time online
- summarizing their lectures and spend some time telling students what is important for exam
- interacting more with student during their article presentations, ask questions, give critique etc.
- make sure that the review articles have a focus on signalling

2. Consider if: a) Quizz should be considered as a half-way exam that should count towards final grade. b) Article presentation should also be considered for credit towards final grade (maybe also include a written summary by the presenting group).

3. It would be good if we could find overlapping moments between lectures so to create a red thread.

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

Somewhat higher grades than previous years, probably due to digital exam and multiple choice questions.

Re-exam will be given in June and will hopefully result in 1-2 more students passing the exam.



UiB-Studieadministrativ avdeling (BIH)

FSUIB

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**FS580.001 Resultatfordeling**

Eksamen: BMED330 0 S 2017 VÅR

Cellekommunikasjon og intracellulær signalering - Skoleeksamen

10,0sp

Karakterregel: Beste: A, Bestått: E, Dårligste: F

	Totalt
Antall kandidater (oppmeldt):	16
Antall møtt til eksamen:	15
Antall bestått (B):	11
Antall stryk (S):	3
Antall avbrutt (A):	1
Gjennomsnittskarakter:	C
Antall med legeattest (L):	0
Antall trekk før eksamen (T):	0

**Karakter Antall**

E	2
D	2
C	2
B	3
A	2

