

## EMNERAPPORT – INSTITUTT FOR BIOMEDISIN

ANNUAL EVALUATION REPORT – DEPARTMENT OF BIOMEDICINE

Emnekode: <i>COURSE CODE:</i>	<b>BMED330</b>	Semester / år:	<b>Vår 2016</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, 22.06.2016
Rapporteringsdato: <i>DATE OF REPORT:</i>	<b>15.06.2016</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.

25 students were registered for the course spring semester 2016. 8 of these were visiting/exchange students through different international agreements, 15 were Master Students in Biomedical Sciences (MAMD-MEDBI) at The Faculty of Medicine and Dentistry and the last one a Master Student in Nanoscience (MAMN-NANO) at The Faculty of Mathematics and Natural Sciences.

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

### STATISTIKK / STATISTICS (admin.):

Antall vurderingsmeldte studenter: <i>NUMBER OF CANDIDATES REGISTERED FOR EXAMINATION:</i>	27	Antall studenter møtt til eksamen: <i>NUMBER OF CANDIDATES ATTENDED EXAMINATION:</i>	23				
Karakterskala GRADING SCALE	«A-F»	<b>A:</b>	<b>B:</b>	<b>C:</b>	<b>D:</b>	<b>E:</b>	<b>F:</b>
		-	4	5	7	5	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.*

Throughout this course we have had few A's and this year there was no A for the regular exam. This reflects a combination of a demanding course and a diverse set of students with mixed background. Questions were not more difficult this year and level of teaching is good, no need to change.

#### **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 MY SPACE, OTHER EVALUATIONS, RESPONSES FROM THE STUDENT REPRESENTATIVES AND/OR OTHERS.*

16 attendees gave their feedback through the evaluation quizz at My UiB.

In general students like course, but think the course load is a bit heavy. In the evaluation this year we specifically asked students to comment about literature review articles, whether they increased the understanding for the subjects. Answers are mixed, and it is clear that this part of the course is not working optimally. It is still felt that this is an important part of the course

Since the information load is heavy several students wants the course to run over a longer period and to have a quizz midway. These are things to consider for the future.

#### **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 Mi side, 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 MY SPACE, LITERATURE ACCESS, LOCALES AND EQUIPMENT.*

Course was run without major problems.

In response to previous student evaluations, literature articles now complement the teaching, and students are divided in groups and present articles. This year the articles were only review articles, which is felt as being an improvement. It is clear that student's wants review articles, but as far as possible, reviews that see the " bigger picture".

Another problem is to get the not-presenting students engaged and to take part in the discussion. We are not there yet.

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

In the schedule for 2016 the literature articles were presented in the afternoon in the same day as the lecture on the subject reviewed in articles was given. In discussing with the students it was suggested that a lag period between lecture and article presentation is introduced. This will be implemented 2017 (for example lecture on integrins Monday, students present review article on integrins Wednesday).

To increase the presence of the students in the discussions following article presentation it is suggested that review articles become pensum and can be part of exam. This change will be implemented in 2017.

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



**FS580.001 Resultatfordeling**

Eksamen: BMED330 0 S 2016 VÅR

Cellekommunikasjon og intracellulær signalering - Skoleeksamen

10,0sp

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

	Totalt	Kvinner	Menn
Antall kandidater (oppmeldt):	27	15	12
Antall møtt til eksamen:	23	12	11
Antall bestått (B):	21	11	10
Antall stryk (S):	2	1	1
Antall avbrutt (A):	0   9%	0   8%	0   9%
Gjennomsnittskarakter:	D	C	D
Antall med legeattest (L):	0	0	0
Antall trekk før eksamen (T):	0	0	0

**Karakter Antall Kvinner Menn**

E	5	1	4
D	7	5	2
C	5	1	4
B	4	4	0
A	0	0	0

