



Brief Summary of teaching and educational engagement activities 2017

Courses organized

Course director(s)	Course info
Kim Jensen, Anne Grapin-Botton, Elisabetta Ferretti	PhD course: "Stem Cell Biology and Regenerative Medicine" on October 2-6, 2017 (4.3 ECTS points)
Joshua Brickman	PhD course: In collaboration with the NNF Center cluster DanStem organized a PhD course "Introduction to Molecular Bioscience" in 9/2017 for PhD program students and open to all PhD students (8 full days/ 6.4 ECTS points).
Joshua Brickman	PhD course: "Stem Cell Research and Critical Thinking" for PhD program students and all interested PhD students. The course took place in December 2016/January 2017 (2.4 ECTS points).
Kirsten Grønbæk	MSc level course: Medical Specialty Focused Course and exam in Internal Medicine: Hematology (15 ECTS points)
Kim Theilgaard-Mønch	PhD course: The Hallmarks of Cancer: Course in Tumor Biology at Kræftens Bekæmpelse (7 ECTS points), 2017

Active involvement in teaching and educational engagement activities

All DanStem PIs	All group leaders teach a PhD course "Stem Cell Research and Critical Thinking" for PhD program students and all interested PhD students (DanStem organized). The course took place in December 2016/January 2017 (2.4 ECTS points).
All DanStem PIs	In collaboration with the NNF Center cluster DanStem group leaders organize and teach a PhD course "Introduction to Molecular Bioscience" in 9/2017 for PhD program students and open to all PhD students (8 full days/ 6.4 ECTS points).
Seven DanStem group leaders	Seven DanStem group leaders teach at the PhD course: "Stem Cell Biology and Regenerative Medicine" on 2-6 of October 2017 (DanStem organized).
Jacqueline Ameri, Agnete Kirkeby, Joshua Brickman & M. Kassem	Lectures and teaching at Copenhagen Summer University Course (BSc level and above), CSU2017115, Stem Cells – basic concepts, disease modelling and lasting therapies , 21 – 25 August 2017, 9:00 – 16:30 at the University of Copenhagen, Frederiksberg Campus
Mette Jørgensen, Svend Steffensen	Workshop for 12 high school teachers, who are visiting DanStem in the framework of the UCPH inspiration day, February 02, 2017
DanStem (20 scientists involved for 6h)	Science talents visit DanStem : 60 talented Danish high-school students (between 16-18 years old) from the NNF Science talent program visited Panum for an afternoon. We decided to offer 6 hands-on stations (30 minutes each with 10 students at a time). The visit to DanStem is one of

	the best rated experiences in Science Talents in the past 7 years, February 06, 2017
DanStem (30 scientists involved in full day activity)	The Stem Cell Day 2017 : Primary school children visited DanStem for a day and got inspired by the research activities of DanStem, March 20, 2017
Ober group	Two teams of scientist have participated this year at the Videnskaben på besøg ' Science is Visiting ', where Scientist visit schools for a short lecture about their field of research. Videnskaben på besøg: Charlotte Bailey and Ilcim Özlü went to Nordsjællands Grundskole og Gymnasium, NGG International School in Hørsholm to teach 16 students (15-16 years) and a small number of teachers about zebrafish development and disease research under the topic " Can zebrafish help cure human diseases? " This included heart and pigmentation disorders studied in zebrafish. Students observing larvae with such defects in a hands-on session and filling out a questionnaire in a prepared workbook and an ethical discussion, September 26-28,2017
Kim Theilgaard-Mønch	Taught a full PhD course: The Hallmarks of Cancer: Course in Tumor Biology at Kræftens Bekæmpelse (7 ECTS points), 2017
Serup group	Videnskaben på besøg ' Science is Visiting ': Mette Jørgensen and Jonas Van Cuyl went to Atheneskolen and Endrupskolen to teach approximately 60 students (5 th -9 th grade) about " Hvad er stamceller? ". This include quiz about stem cells, exercise and discussions on stem cell research, September 26-28,2017
Kirsten Grønbæk	MSc level course teaching (main responsible): Medical Specialty Focused Course and exam in Internal Medicine: Hematology (15 ECTS points)
Anne Grapin-Botton	Outreach to High school students at the Career day at Prins Henrik Gymnasium, November 10, 2017
Mette Jørgensen	Mette Jørgensen interacted with student Cecilie Høj Rasmussen, 10th grade at Skt. Josefs school in Roskilde for an obligational assignment, November 20, 2017
Elke Ober and group members	UCPH masters course F16 'Higher Experimental Organisms'; teaching with lectures, evaluation of bioinformatics assignment and gene reports, including oral exams colloquia and laboratory practical work (Spring 2017)
Elke Ober, Charlotte Bailey, Aliaksandr Dzementsei, Sara Caviglia, Iris Unterweger)	UCPH masters course F16 'Higher Experimental Organisms': zebrafish module consisting of 4 lectures, 2 full days and 2 half days of hands-on teaching of laboratory practicals, including analyses and paper presentation; and 1 full day oral exams in (Elke Ober); lecture and course preparation; evaluation of bioinformatics assignment and gene reports
Kassem group	Abbas Jafari: Teaching Block B to Medicine students, (Medical Cell & Tissue Biology Course) (SAU04, SAU05, SAU06, SAU07, SAU08, SAU32), Autumn 2017
Kassem group	Abbas Jafari: Teaching Molecular Pathology MSc course, Lecture on Molecular pathology of osteoporosis, 05. December 2017
Kassem group	Mikkel Morsing: Teaching Block B to Molecular Biomedicine students, (Medical Cell & Tissue Biology Course) (SAU04, SAU05, SAU06, SAU07, SAU08, SAU32)

Kassem group	Faculty of zebrafish-module (overall organization, lectures, discussions, hands-on teaching in the classroom)
Mette C. Jørgensen	Lecture at Sund M.Sc. course: "Medicinsk celle- og vævsbiologi". Title: "Stem cells og diabetes", 31/10-2017.
Mette C. Jørgensen	"Stem Cell Therapy" på Farma Kursus: "Biopharmaceuticals: Pharmacology of Biomacromolecules", 21/12-2017
Anne Grapin-Botton	Interview for Gymnasium project on Stem Cells by Caroline Bredsen Henriksen, December 07,2017
Yung Hae Kim	Lecture at CAB summer school in Advanced Live Cell Imaging on June 21, 2017
Gopal Karemore	Workshop at MoMeD Summer School 2017 "Acceptable limit of image-data manipulation and ways to safeguard against scientific misconduct" on June 9, 2017
Gopal Karemore	Workshop on Spotfire: Data visualization software on August 7, 2017
Gopal Karemore	Image J/Fiji Software Workshop on April 21, 2017
Mette C. Jørgensen	Lectured at the course 3907-E17;Kursus i medicinsk celle- og vævsbiologi for BSc and MSc students in medicine at ICMM
Alba Redo Riveiro	Co-Organized the joint department and Center PhD day (Phd course for the students by the students) on November 10, 2017
Philip Seymour	Outreach lecture and interview on evolution from Class 5A, International School of Hellerup in September 2017
Mette C. Jørgensen	Biopharmaceuticals: Pharmacology of Biomacromolecules in December 21, 2017
Florian Hermann	SRP student supervision, November 2017
Ajuna Azad	Organized and taught: Basic R for Biologists, October 17, 2017
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Supervision of thesis projects

DanStem group leaders supervised 13 MSc student and 6 BSc student projects of students who graduated in 2017. The students were enrolled in different educational programs e.g. Molecular Biomedicine, Medicine, Human Biology, Systems Biology.

Other activities related to pedagogical and didactic training

- DanStem offered a workshop "Be prepared to teach" together with the SUND departments BMI, ICMM in 2017.
- DanStem appointed Professor Palle Serup as DanStem Head of Education
- The Center introduced an internal online reporting system to keep track of teaching activities and to support scientists to establish a teaching portfolio.