

GMS 6472 - Spring 2016

Fundamentals of Physiology & Functional Genomics II

Course objectives and/or goals: “Fundamentals of Physiology & Functional Genomics” courses provide exposure to fundamental physiological concepts with emphasis on the impact of functional genomics. The focus is on respiratory, special circulatory and gastrointestinal system, and modern experimental approaches in physiology.

This course is the second of three independent modules (1 credit each, Jan. 5 – Feb. 4, Feb. 9 – March 17, March 22 – April 19). Students may take any combination of the three modules. Each course consists of 3 hours of lecture, paper discussion, and/or team-based learning (TBL) per week during spring semester.

Schedule: Tuesday at 1:00 to 1:50 PM and 2:00 to 2:50 PM and Thursday at 1:00 to 1:50 PM in room M559 of the Medical Science Building. See the date, time and location of exam.

Textbook: E- textbook “Ganong’s Review of Medical Physiology”, 23rd edition (2010), which is available through UF Health Science Center library (<http://www.accessmedicine.com/resourceTOC.aspx?resourceID=11>)

Faculty: Below is a list of the faculty who will be participating in this course. They can be contacted by e-mail.

Hideko Kasahara, M.D., Ph.D. (Course Director):	hkasahar@ufl.edu
Annette de Kloet, Ph.D	adekloet@ufl.edu
Peter Sayeski, Ph.D	psayeski@ufl.edu
Debbie Scheuer, Ph.D.	scheuerd@ufl.edu
Charles E. Wood, Ph.D	woodc@ufl.edu

Shown below is a table displaying the dates, titles and instructors for all of the lectures and discussions for Spring 2016. For course content, registered students should log-in to the Canvas course site at <https://lss.at.ufl.edu>.

LECTURE	DAY	DATE	ROOM	TOPIC	LECTURER(S)
L11	Tue	2/9	M559	Introduction to Respiration I	P. Sayeski
L12	Tue	2/9	M559	Introduction to Respiration II	D. Scheuer
D4	Thu	2/11	M559	Paper Discussion/TBL	Sayeski/ Scheuer
L13	Tue	2/16	M559	Gene Transfer I	A. de Kloet
L14	Tue	2/16	M559	Gene Transfer II	A. de Kloet
D5	Thu	2/18	M559	Paper Discussion	A. de Kloet
L15	Tue	2/23	M559	Endocrine System – Introduction I	H. Kasahara
L16	Tue	2/23	M559	Endocrine System – Introduction II	H. Kasahara
D6	Thu	2/25	M559	Fetal and Maternal Endocrine I	C. Wood
L17	Tue	3/8	M559	Fetal and Maternal Endocrine II	C. Wood
L18	Tue	3/8	M559	Fetal and Maternal Endocrine II	C. Wood
D7	Thu	3/10	M559	Paper Discussion	C. Wood
Review	Tue	3/15	M559	Review	Faculty
Exam	Thu	3/17	CG-28	Exam 2 (10 AM-12:30 PM)	H. Kasahara

Policy related to class attendance

Although attendance may not be taken for didactic lectures, attendance is obviously very highly encouraged.

Policy related to make-up exams or other work

In appropriate cases, make-up exams and/or written reports will be considered.

Statement related to accommodations for students with disabilities

Student disabilities will be accommodated in accordance with UF policy, which is described here:

<http://www.dso.ufl.edu/drc/current.php>.

Information on UF grading policies for assigning grade points

The points used to compute final grades will be determined after the exams in each module have been completed. The course final grade is based on the total points accrued over all exams, TBL and performance in discussion group.

Class demeanor expected by the professor: Appropriate behavior will be expected and noted by the faculty. Appropriate behavior includes behavior and appropriate interactions respectful of classmates' learning experiences and dignity; attentive behavior in the classroom; respect for, and maintaining the dignity of the faculty.

UF Academic Honesty Policy: Students will adhere to the UF general guidelines at:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

Contact information for university counseling and mental health services:

<http://www.dso.ufl.edu/supportservices/campuscounseling.php>

Methods by which students will be evaluated and their grades determined:

The students will take a closed-book exam at the end of each module, which will be graded separately.

Participation in the classroom, discussion, and TBL score will be included in the grading. The following shows the tentative weight of each factor in grading:

Exam	80%
Participation	10%
TBL	10%

Letter grades will be assigned based on the final score using the following scale:

A	92-100
A-	88-91
B+	84-87
B	80-83
B-	76-79
C+	73-75
C	70-72
C-	66-69
D+	63-65
D	60-62
E	<60