

# GMS 6472 - Spring 2017

## 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 first of three independent modules (1 credit each, Jan. 6 – Feb. 10, Feb. 13 – March 22, March 27 – April 24). 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:** Monday, Wednesday, Friday from 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”, 23<sup>rd</sup> 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):	<a href="mailto:hkasahar@ufl.edu">hkasahar@ufl.edu</a>
Annette de Kloet, Ph.D	<a href="mailto:adekloet@ufl.edu">adekloet@ufl.edu</a>
Peter Sayeski, Ph.D	<a href="mailto:psayeski@ufl.edu">psayeski@ufl.edu</a>
Debbie Scheuer, Ph.D.	<a href="mailto:scheuerd@ufl.edu">scheuerd@ufl.edu</a>
Charles E. Wood, Ph.D	<a href="mailto:woodc@ufl.edu">woodc@ufl.edu</a>

Shown below is a table displaying the dates, titles and instructors for all of the lectures and discussions for Spring 2017. For course content, registered students should log-in to the Canvas course site at <https://elearning.ufl.edu>.

LECTURE	DAY	DATE	ROOM	TOPIC	LECTURER(S)
L11	Mon	2/13	M559	Introduction to Respiration I	P. Sayeski
L12	Wed	2/15	M559	Introduction to Respiration II	D. Scheuer
D4	Fri	2/17	M559	Paper Discussion/TBL	Sayeski/ Scheuer
L13	Mon	2/20	M559	Endocrine System – Introduction I	H. Kasahara
L14	Wed	2/22	M559	Endocrine System – Introduction II	H. Kasahara
D5	Fri	2/24	M559	Fetal and Maternal Endocrine I	C. Wood
L15	Mon	2/27	M559	Fetal and Maternal Endocrine II	C. Wood
L16	Wed	3/1	M559	Fetal and Maternal Endocrine III	C. Wood
D6	Fri	3/3	M559	Paper Discussion	C. Wood
L17	Mon	3/13	M559	Gene Transfer I	A. de Kloet
L18	Wed	3/15	M559	Gene Transfer II	A. de Kloet
D7	Fri	3/17	M559	Paper Discussion	A. de Kloet
Review	Mon	3/20	M559	Review	Faculty
Exam	Wed	3/22	CG-28	Exam 2 (12:00-2:30 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