

GMS 6471 - Spring 2017

Fundamentals of Physiology & Functional Genomics I

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”, 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
S. Paul Oh, Ph.D.	ohp@ufl.edu
Glenn A. Walter, Ph.D.	glennw@ufl.edu

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)
L1	Fri	1/6	M559	Introduction and Overview of Human Body I	H. Kasahara
L2	Mon	1/9	M559	Overview of Human Body II	H. Kasahara
L3	Wed	1/11	M559	Overview of Human Body III	H. Kasahara
L4	Fri	1/13	M559	Muscle I	G. Walter
L5	Wed	1/18	M559	Muscle II	G. Walter
D1	Fri	1/20	M559	Paper Discussion: Muscular Dystrophy	G. Walter
L6	Mon	1/23	M559	Cardiovascular System I	H. Kasahara
L7	Wed	1/25	M559	Cardiovascular System II	H. Kasahara
L8	Fri	1/27	M559	Cardiovascular System III (Vascular)	H. Kasahara
D2	Mon	1/30	M559	Paper Discussion	H. Kasahara
L9	Wed	2/1	M559	Genetic Approaches in Physiological Problems I	S. P. Oh
L10	Fri	2/3	M559	Genetic Approaches in Physiological Problems II	S. P. Oh
D3	Mon	2/6	M559	Paper Discussion	S. P. Oh
Review	Wed	2/8	M559	Review	Faculty
Exam	Fri	2/10	CG-28	Exam 1 (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