

CSBL 6073 - 001  
Selective Topics In Oncology: Gynecological Cancers  
Fall 2017

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**CLASS DAYS and TIME:** Tue, 9 to 11 am

**CLASSROOM:** M417D, ObGyn Conference Room

**COURSE FACULTY:** Ratna K Vadlamudi; Rajeshwar R Tekmal

**OFFICE LOCATION and HOURS:** By appointment, M432D (RV), M438F (TR)

**EMAIL:** Vadlamudi@uthscsa.edu; Tekmal@uthscsa.edu

**TELEPHONE:** 210-567-4930

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**READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.**

### **COURSE DESCRIPTION AND OBJECTIVES**

This is an advanced elective course for the Cancer Biology Track students. This course provides a unique learning experience in the emerging research areas of gynecological cancers and prepares students in designing research experiments in the area of gynecologic cancers using preclinical and clinical research materials. Instead of a didactic program of lectures, the entire course comprises a small-group format in which students interact closely with a group of faculty who has active research or clinical program focusing on molecular, clinical and therapeutic areas of gynecological cancers. In each module, faculty first provide students with a brief overview of the research area. Students and faculty will then jointly discuss key publications that serve to bridge the gap between the student's prior understanding of the field and the state of the art in gynecological cancers.

**Pre-requisites** – Completion of cancer biology core 1 and core II

**Semester credit hours** – 2 credit hours

By the end of this course, each student should be able to:

- To learn critically evaluating the literature in the area of Gynecological Cancer
- To design hypothesis-driven experiments for studying Gynecological Cancer
- To interpret the study results focusing on Gynecological Cancer
- To understand the pre-clinical research aspects of Gynecological Cancer

### **COURSE ORGANIZATION**

**The main teaching modalities used in this course include:**

- 1) Lectures
- 2) Reading
- 3) Discussion

**Materials** – NA

**Computer Access** –NA

**Reading Assignments** – Course director will assign articles as reading assignments for every week

## ATTENDANCE

Students are required to attend all the classes as detailed in class schedule.

## TEXTBOOKS

**Required:** NA

**Recommended:** Every week course director will be assign recent publications for reading.

## GRADING POLICIES AND EXAMINATION PROCEDURES

Grading for the course will be based on class participation, written project proposal and oral presentations of assigned papers. Each student will present selected papers 3-4 times during the course and will be an active discussant when other students are presenting.

### Grading System

Include a grading scale used to determine final grades, see example below

A = 90-100%    B = 80-89%    C = 70-79%    F = < 69%

## REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100) to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

## ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

## TITLE IX AT UTHSCSA

### **Title IX Defined:**

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads “no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

### **University of Texas Health Science Center San Antonio’s Commitment:**

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

## **EMAIL POLICY**

Every student is issued a University e-mail address and account at the time of enrollment. As a matter of University Policy, communications between students and faculty that occur using the student's University e-mail address is considered official business. Therefore, students are expected to check their university email inboxes on a regular basis so that any announcements, instructions, or information regarding this course will be received in a timely way. Missed communications due to inadequate monitoring of incoming emails on the University's email server will never be a valid excuse for unsatisfactory academic progress.

## **USE OF RECORDING DEVICES**

Recording of lectures and other learning activities in this course by any means (e.g., video, audio, etc.) is only permitted if approved by the instructor or required for compliance with Americans with Disabilities Act (ADA).

## **ELECTRONIC DEVICES**

Computers, tablets use is allowed only for participating in classroom activities. Activities unrelated to course objectives such as using phone or texting are not allowed.

At the end of the syllabus include a detailed class schedule (see example below), which includes class dates, topic or title of lessons, reading or assignment due dates, test dates, and other important events such as holidays, etc. It is a good idea to clearly identify the class schedule as TENTATIVE, depending upon the progress of the class.

## TENTATIVE CLASS SCHEDULE

### Selective Topics in Oncology: Gynecological Cancers FALL 2017

| Date  | Time    | Topic  | Instructor         |
|-------|---------|--|--------------------|
| 8/29  | Week 1  | Introduction to Gynecologic Cancers                                  | Dr. Vadlamudi      |
| 9/5   | Week 2  | Ovarian cancer, signaling, research methods                          | Dr. Vadlamudi      |
| 9/12  | Week 3  | Cervical cancer, signaling, research methods                         | Dr. Tekmal         |
| 9/19  | Week 4  | Student Presentation/Discussion -1                                   | Vadlamudi/Tekmal   |
| 9/26  | Week 5  | Endometrial cancer, signaling, research methods                      | Dr. Sareddy        |
| 10/3  | Week 6  | Clinical aspects of GYN cancers                                      | Dr. Edward R. Kost |
| 10/10 | Week 7  | Breast cancer, signaling, research methods                           | Dr. Vadlamudi      |
| 10/17 | Week 8  | Preclinical and PDX models for GYN cancer research                   | Dr. Tekmal         |
| 10/24 | Week 9  | Student Presentation/Discussion -2                                   | Vadlamudi/Tekmal   |
| 10/31 | Week 10 | Adv Topic: New oncogenes/tumor suppressors of GYN cancers            | Dr. Vadlamudi      |
| 11/7  | Week 11 | Adv Topic: Hormonal signaling in GYN cancers                         | Dr. Tekmal         |
| 11/14 | Week 12 | Adv Topic: Therapy Resistance in GYN cancer                          | Dr. Tekmal         |
| 11/15 | Week 13 | Student Presentation/Discussion-3                                    | Vadlamudi/Tekmal   |
| 11/21 | Week 14 | Adv Topic: Stem Cells and GYN cancer                                 | Dr. Sareddy        |
| 11/28 | Week 15 | Adv Topic: Metastasis of GYN cancers                                 | Dr. Vadlamudi      |
| 12/5  | Week 16 | Adv Topic: Emerging therapies and Prognostic Markers for GYN cancers | Dr. Vadlamudi      |

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| 12/12 | Week 17 | Student<br>Presentation/Discussion -4 | Vadlamudi/Tekmal |
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