

First Day of Class: September 2<sup>nd</sup>, 2019  
 Classes Cancelled (Holiday): November 25, 2020  
 Last Day of Class: December 11, 2020  
 Final Exam Week: December 14-18, 2020

**FALL 2020**  
**GS21 1232 Translational Sciences:**  
**From Bedside to Bench and Back**  
 Formal Registration through UT Graduate School of Biomedical Sciences (GSBS)  
 5:00 p.m. – 7:00 p.m. Wednesday evenings  
 MD Anderson Cancer Center – Virtual

**Course Requirements:**

- **85% attendance required (i.e., 2 absences allowed)**
- **Students must complete written exam (multiple choice, true/false, essay take home exam).**
  - **Take home exam must be returned by Monday, 12/14/20.**
- **Grading:**
  - **40%: Participation in discussion sections**
  - **60%: Final exam**

DATE	LECTURE	INSTRUCTOR	TITLE(S) ~ AFFILIATION
09/02/2020 Wednesday	Course Introduction: Bedside to Bench and Back  Translational Computational Oncology	Scott Kopetz, MD, PhD  John Paul Shen, MD	<b>Professor</b> , Department of GI Medical Oncology  <b>Assistant Professor</b> , Department of GI Medical Oncology
09/09/2020 Wednesday	Liquid Biopsies – A New Tool in the Personalized Cancer Therapy Toolbox	Filip Janku, MD, PhD	<b>Associate Professor</b> , Department of Invest. Cancer Therapeutics, MD Anderson
09/16/2020 Wednesday	Translational research in leukemia, from bench to bedside and back to the bench	Jan A. Burger, MD	<b>Professor</b> , Department of Leukemia, MD Anderson
09/23/2020 Wednesday	Translational Research in Leukemia	Tapan M. Kadia, MD	<b>Associate Professor</b> , Department of Leukemia, MD Anderson
09/30/2020 Wednesday	Epigenetics: Cancer Biology & Therapies	Joya Chandra, PhD, BS	<b>Associate Professor</b> , Department of Pediatric Research, MD Anderson
10/07/2020 Wednesday	Translational research in head and neck cancers	Faye Johnson, MD, PhD	<b>Associate Professor</b> , Department of Thoracic/Head & Neck Med Onc
10/14/2020 Wednesday	From Bench to Bedside and Back: a Drug Combination Example	Lawrence Kwong, PhD	<b>Assistant Professor</b> , Department of Translational Molecular Path
10/21/2020 Wednesday	BCL-2 inhibition/apoptotic targeting in leukemia	Marina Konopleva, MD, PhD	<b>Professor</b> , Department of Leukemia, MD Anderson

DATE	LECTURE	INSTRUCTOR	TITLE(S) ~ AFFILIATION
10/28/2020 Wednesday	TBD	Sangeeta Goswami, MD, PhD	<b>Assistant Professor</b> , Department of Genitourinary Medical Oncology
11/04/2020 Wednesday	Genomic Landscape of Colorectal Pre-Cancers in Hereditary High-Risk Populations: The case of Lynch Syndrome	Eduardo Vilar-Sanchez, MD, PhD	<b>Associate Professor</b> , Department of Clinical Cancer Prevention, MD Anderson
11/11/2020 Wednesday	Tissue engineered models of bone sarcoma for improved prediction of drug efficacy.	Joseph Ludwig, MD	<b>Associate Professor</b> , Department of Sarcoma Medical Oncology, MD Anderson
11/18/2020 Wednesday	Overcome resistance to immune checkpoint therapy	Jianjun (JJ) Gao	<b>Associate Professor</b> , Department of Genitourinary Medical Oncology, MD Anderson
11/25/2020	<b>HOLIDAY</b>		
12/02/2020 Wednesday	Why is Pancreatic Cancer Such a Deadly Disease and What Can We Do About It	Anirban Maitra, MBBS	<b>Professor</b> , Department of Pathology, Anatomical, MD Anderson
12/09/2020 Wednesday <b>Final Exam to be Distributed</b>	PARP inhibitors: From Bedside to Bench and Back	Timothy Yap, PhD, MBBS	<b>Associate Professor</b> , Department of Invest. Cancer Therapeutics, MD Anderson
12/14/2020 Monday	Final exam due		

### Contact Information - MD Anderson

**Course Director**

**Scott Kopetz, MD, PhD**  
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**GSBS**

### Contact Information - Graduate School of Biomedical Sciences (GSBS)

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**Companion Spring courses include:**

Translational Cancer Research (Bast) GS21 1613 Thursdays, 3:00 PM – 5:00 PM

**Test out your connection on Zoom**

<https://zoom.us/test>

**Expectations in Zoom:**

1. Log in to Zoom with your full name.
2. Use computer audio OR the “Call Me” feature. Don’t call in on the phone directly.
3. Camera on throughout class time
4. Mute your line when not speaking. Join from a quiet environment if possible.
5. Participate in polls using the Zoom app

**Meeting invite:**

<https://mdacc.zoom.us/j/93653083113?pwd=Skq4cTJOUUtrZ2RyRTRyYcmNpZWEwdz09>

**Meeting ID: 936 5308 3113**

**Password: 936936**

**Tiny URL for invite:**

<https://tinyurl.com/y4lxo67z>