

IMPORTANT: This syllabus form should be submitted to OAA (gsbs_academic_affairs@uth.tmc.edu) a week before the start of each semester.

NOTE to STUDENTS: If you need any accommodations related to attending/enrolling in this course, please contact one of the Graduate School's 504 Coordinator, Natalie Sirisaengtaksin, PhD. We ask that you notify GSBS in advance (preferably at least 3 days before the start of the semester) so we can make appropriate arrangements.

<p>Term and Year: Summer 2026</p> <p>Course Number and Course Title: GS14 1071: Translational Neuroscience</p> <p>Credit Hours: 1</p> <p>Meeting Location: UTHH-McGovern Medical School</p> <p>Building/Room#: MSB 2.103</p> <p>WebEx/Zoom Link: In-person only</p>	<p>Program Required Course: Yes</p> <p>Approval Code: No</p> <p>Audit Permitted: No</p> <p>Classes Begin: May 10, 2026</p> <p>Classes End: August 3, 2026</p> <p>Final Exam Week:</p>
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Class Meeting Schedule

Day	Time
Mondays	10:00 – 11:30 am
	Except June 23rd, 1-2:30 pm in MSB 2.104B

<p>Course Director:</p> <p>Name & Title: Jun Li PhD</p> <p>Title: Professor</p> <p>Department: Neurology</p> <p>Institution: UTH</p> <p>Email Address: Jun.Li.3@uth.tmc.edu</p> <p>Contact Number: 713-500-5143</p> <p>Course Co-Director:</p> <p>Name & Title: Joo Eun Jung PhD</p> <p>Title: Associate Professor</p> <p>Department: Neurology</p> <p>Institution: UTH</p> <p>Email Address: joo.eun.jung@uth.tmc.edu</p> <p>Contact Number: 713-500-7501</p> <p>Office Hours: 8:00 am-5:00 pm</p>	<p>Basic/Clinical Research Speakers:</p> <ol style="list-style-type: none"> Zhen Xu, PhD UTH/ Zhen.Xu@uth.tmc.edu Peng R. Chen MD UTH/ peng.R.chen@uth.tmc.edu Giselli Scaini, PharmD, PhD UTH/ Giselli.Scaini@uth.tmc.edu Jair Soares, MD, PhD UTH/ Jair.Soares@uth.tmc.edu Dr. Barichello, Tatiana, PhD UTH/ Tatiana.Barichello@uth.tmc.edu Rodrigo Hasbun, MD, MPH UTH/ Rodrigo.Hasbun@uth.tmc.edu Jin Yoon, PhD UTH/ Jin.Ho.Yoon@uth.tmc.edu Michael Weaver, MD, DFASAM UTH/ Michael.F.Weaver@uth.tmc.edu
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21. **Andrey Tsvetkov, PhD**
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22. **Erin Furr-Stimming, MD**
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Textbook/Supplemental Reading Materials

- N/A

Course Objective/s:

At the completion of this course, students will be able to understand general concepts associated with several diseases affecting the central and peripheral nervous system from basic and clinical perspectives. This will allow them to assess these diseases from different angles. Students will also be able to formulate projects with mechanistic and translational value.

Specific Learning Objectives:

1. Understand basic and clinical concepts of diseases affecting the nervous system.

2. Formulate questions involving clinical and molecular importance.
3. Write, and submit for evaluation, an NIH-style specific aims page in any area discussed during the lectures.

Student responsibilities and expectations:

Students are expected to read publications assigned by the speakers (if any) in advance. These publications will be related to the topic and the research the presenters will cover. The students will need to write a one- page-long research proposal related to their own current research, or from any topic discussed during this course. The goal of this assignment is to make the students aware about the potential translational component of their current research projects. Attendees will also be requested to provide a one paragraph comment after each session (no later than the Wednesday following the session).

Grading System: **Pass/Fail**

Student Assessment and Grading Criteria:

Percentage	Description
Homework (20 %)	Timely submission of comments
Final Exam (50 %)	Writing
Attendance (30 %)	Attendance and participation

CLASS SCHEDULE

Day/Date	Duration (Hour (s) taught by the lecturer)	Lecture Topic	Lecturer/s
	1.5 hrs.	Huntington's Disease	Dr. Erin Furr-Stimming Dr. Andrey Tsvetkov
	1.5 hrs.	Addiction	Dr. Michael Weaver Dr. Jin Yoon
	1.5 hrs	Meningitis	Dr. Barichello, Tatiana Dr. Rodrigo Hasbun
		Multiple Sclerosis	Dr. John Lincoln Dr. William Lindsey
	1.5hrs	Bipolar Disorder	Dr. Rodrigo Machado-Vieira Dr. Gabriel Fries
	1.5 hrs	Alzheimer's Disease	Dr. Paul Schulz Dr. Rodrigo Morales

	1.5 hrs.	Neurooncological Diseases	Dr. Jay-Jiguang Zhu Dr. Tae Jin Lee
	1.5 hrs	Depression	Dr. Jair Soares Dr. Giselli Scaini
	1.5 hrs.	Stroke	Dr. Bharti Manwani Dr. Venugopal Venna
	1.5 hrs	Parkinson's Disease	Dr. Mya Schiess Dr. Mohammad Shahnawaz
	1.5 hrs.	Aneurysm	Dr. Peng R. Chen Dr. Zhen Xu