

NEUROBIOLOGY OF HEARING 2019

ALL CLASSES ARE 12:00-14:00 IN THE INCyL classroom

INCyL= Institute for Neuroscience Classroom

RECOMMENDED READING:

The Mammalian Auditory Pathways: Synaptic Organization and Microcircuits. [2018] Douglas L Oliver, Nell B. Cant, Richard R. Fay, and Authur N. Popper; Springer Handbook of Auditory Research, vol 65. Springer. ISBN 978-3-319-71796-8 (Hardcover); ISBN 978-3-319-71798-2 (eBook)

Auditory Neuroscience: Making Sense of Sound [2010] Jan Schnupp, Israel Nelken, Andrew J King; The MIT Press; 1 edition; ISBN-10: 026211318X; ISBN-13: 978-0262113182; Kindle edition available.

DATE	TIME	TOPIC	FACULTY	HOURS	COMMENT
SCHEDULE 2018					
Monday, May 20, 2019	12:00-13:00	Mandatory post-arrival meeting for USA students			
	13:00-14:00	Introduction to course and auditory system	Oliver & Malmierca	1	
Tuesday, May 21, 2019		The cochlea	Ashmore	2	
Wednesday, May 22, 2019		The cochlea	Ashmore	2	
Thursday, May 23, 2019		8th Nerve and Cochlear Nucleus & MOC	Lauer	2	
Friday, May 24, 2019					Submit topic for paper 1
Saturday, May 25, 2019					
Sunday, May 26, 2019		WEEK 2			
Monday, May 27, 2019		Frequency and intensity discrimination	Lopez-Poveda	2	paper 1 due midnight
Tuesday, May 28, 2019		Cochlear Implant Processing	Lopez-Poveda	2	
Wednesday, May 29, 2019		Superior Olivary Complex	Oliver	2	critique 1 due at midnight
Thursday, May 30, 2019		Inferior Colliculus	Oliver	2	
Friday, May 31, 2019					paper 2 topic due
Saturday, June 1, 2019					
Sunday, June 2, 2019		WEEK 3			
Monday, June 3, 2019		Auditory stimuli	Bernstein	2	paper 2 due midnight
Tuesday, June 4, 2019		Psychophysical Methods Binaural Hearing	Bernstein	2	
Wednesday, June 5, 2019		Glia in the Auditory System	Corfas	2	critique 2 due at midnight
Thursday, June 6, 2019		Hearing Loss, Overt and Hidden	Corfas	2	paper 3 topic due
Friday, June 7, 2019					
Saturday, June 8, 2019		GO TO PRAGUE			
Sunday, June 9, 2019		WEEK 4			
Monday, June 10, 2019	PRAGUE	Neuroscience Methods		6	
Tuesday, June 11, 2019	PRAGUE	Neuroscience Methods		6	
Wednesday, June 12, 2019		HOLIDAY - RETURN FROM PRAGUE			
Thursday, June 13, 2019		Tinnitus, Hyperacusis, and Not-so-hidden Hearing Loss	Lauer	2	paper 3 due midnight
Friday, June 14, 2019		Acoustic reflexes Cochlear nerve root.	Lopez Lopez	2	critique 3 due at noon
Saturday, June 15, 2019					
Sunday, June 16, 2019		WEEK 5			
Monday, June 17, 2019		stimulus specific adaptation	Malmierca	2	
Tuesday, June 18, 2019		Auditory cortex	Wang	2	
Wednesday, June 19, 2019		Auditory cortex	Wang	2	topic due for group
Thursday, June 20, 2019		Student presentation	All Students	2	group presentation
		LAST CLASS DAY - EXAMS - FAREWELL PARTY		47	