

## Neural Development and Disease

Room: C101, Interdisciplinary Building, Academia Sinica

Time: 13:30-16:30, Wednesday

Credit: 3 credits

Course organizer: Drs. Shen-Ju Chou and Chi-Kuang Yao

Date	Topic	Lecturer
2020/3/4	Embryonic polarity and Induction	Dr. Jun-An Chen 陳俊安
2020/3/11	Fate specification and patterning	Dr. Shen-Ju Chou 周申如
2020/3/18	Determination of neurite fate	Dr. Pei-Lin Cheng 鄭珮琳
2020/3/25	Axon guidance, target selection and connection	Dr. Yung Shu Kuan 管永恕
2020/4/1	Dendrite development	Dr. Cheng-Ting Chien 簡正鼎
2020/4/8	Pre-synapse formation and function	Dr. Chi-Kuang Yao 姚季光
2020/4/15	Post-synapse formation and function	Dr. Shu-Ling Chiu 丘淑鈴
2020/4/22	Ion channels in nervous system	Dr. Shi-Bing Yang 楊世斌 Dr. Wan-Chen Lin 林宛蓁
2020/4/29	Neural circuits and behavior	Dr. Sue-Wei Lin 林書葦
2020/5/6	RNA biology in neural development and diseases	Dr. Guey-Shin Wang 王桂馨 Dr. Woan-Yuh Tarn 譚婉玉
2020/5/13	Midterm (development part—to circuit formation)	
2020/5/20	Glia development	Dr. Henry Sun 孫以瀚
2020/5/27	Glia in neurodegenerative diseases	Dr. Yijuang Chern 陳儀莊
2020/6/3	Centrosomes in brain development and disease	Dr. Tang K. Tang 唐堂
2020/6/10	Alzheimer's disease (circuit spreading mechanism)	Dr. Yung-Feng Liao 廖永豐
2020/6/17	Final exams (disease part)	Course organizer Close-book style