

Clinical Perspectives of Neurological Disorders

Time: 10:00-12:00, *every Monday (unless specified in red)*

Room: AS campus- B106 , Interdisciplinary Research Building, Academia Sinica

Credit: 2 (offered in NTU, NYCU, NCKU, NCU)

Course Organizer: Dr. Chih-Cheng Chen & Dr. Hung Chih Kuo

Grading: Attendance 20% Report Submission 80%

Description:

As society ages, the number of patients suffering from neurological disorders are increasing. The investigation of development and degeneration of neurological disorders is hence important in both basic and clinical neurosciences. However, the integration from pathogenic mechanism studies to clinical aspects such as diagnosis and therapy, and human genetic studies underlying these disorders is still awaiting further effort.

This course focuses on the clinical perspectives of common and important neurological disorders. The aim is to provide students with clinical aspects of the disorders that could be incorporated in their research thinking and studies, eventually leading to integrated resolutions for prevention and therapy. The course is provided by a group of medical doctors who are also devoted to scientific research for specific neurological disorders. Their research accomplishment, knowledge and views can inspire new perspectives for generating research hypothesis and innovations to enhance our understanding of disease mechanisms as well as improving life quality for the human being.

Lecture	Topic	Lecturer
3/13	Autism spectrum disorder from bench to bedside.	Yawei Cheng 鄭雅薇 <i>National Yang Ming Chiao Tung University Hospital</i>
3/20	The clinical presentations and pathogenic mechanisms of disease: Ischemic strokes	Sung-Chun Tang 湯頌君 <i>National Taiwan University Hospital</i>
3/27	The clinical presentations and pathogenic mechanisms of disease: Motor neuron disease	Li-Kai Tsai 蔡力凱 <i>National Taiwan University Hospital</i>
4/10	The clinical presentations and pathogenic mechanisms of disease: Essential tremor	Ming-Kai Pan 潘明楷 <i>College of Medicine National Taiwan University</i>
4/17	(10:00) Rehabilitation and formation of memory	Yu-cheng Pei 裴育晟 <i>Chang Gung Memorial Hospital</i>
	(11:00) Pain management by physical therapy	Der-Shen Han 韓德生 <i>National Taiwan University College of Medicine</i>
4/24	Pathophysiology and Therapeutic Implications in Spinocerebellar Ataxia	Kuo-Hsuan Chang 張國軒 <i>Chang Gung Memorial Hospital</i>
5/4 (Thur.)	The clinical presentations and pathogenic mechanisms of disease: Schizophrenia	Huai-Hsuan Tseng 曾懷萱 <i>National Cheng Kung University Hospital</i>
5/15	The clinical presentations and pathogenic mechanisms of disease: Traumatic Brain Injury	Da-Tong Ju 朱大同 <i>Tri-Service General Hospital</i>
5/22	The clinical presentations and pathogenic mechanisms of disease: Parkinson's disease	Yi-Ting Hsu 許怡婷 <i>China Medical University Hospital</i>
5/29	Delirium and Long Covid	Man-Ling Wang 王曼玲 <i>National Taiwan University Hospital</i>
6/5	Translational Research: from science to save lives	Andrew Pai 白宗彬 <i>Annji Pharmaceutical Co. Ltd.</i>