

***C. elegans* Summer Course & Workshop**

時間：8.1~8.5 afternoon, 2022

地點：台灣大學醫學院103教室

- Each lecture is about 50 minutes.
- Videos will be put on the CECF website <http://cecf.csbb.ntu.edu.tw/> under “e-LEARNING” during 8/1-8/14.

8/1 (Mon)

14:00-14:50 General introduction (Chun-Liang Pan /NTU)

15:00-15:50 Method I: General logics of worm projects and Data quantification(Ao-Lin Hsu/NYCU)

8/2 (Tue)

14:00-14:50 Postembryonic development (heterochronic pathways) & RNAi(Shih-Peng Chan/NTU)

15:00-15:50 Method II: CRISPR-Cas9 & other genome editing tools (Tsui-Ting Ching/NYCU)

8/3 (Wed) (online only)

14:00-14:50 Infection and Immunity:Microbe-*C. elegans* interactions (Chang-Shi Chen/NCKU)

15:00-15:50 Method III: Optical imaging of structures and functions (Chun-Hao Chen/NTU)

8/4 (Thu)

14:00-14:50 Method IV: Genomics and transcriptomics (Isheng Jason Tsai/AS)

15:00-15:50 Neurobiology & behavior (Chun-Liang Pan/NTU)

8/5 (Fri)

14:00-14:50 Method V: *C. elegans* genetics & genetic screens (Yen-Ping Hsueh/AS)

15:00-15:50 Resources: Wormbase, modENCODE, others (John Wang/AS)



Registration Site: <https://forms.gle/wF7XZjVZqfH39nhr9>
Registration deadline 7/28 17:00

NCFB 科技部生技醫藥核心設施平台

CSB台灣大學計算與系統生物學研究中心

台灣大學分子醫學所