

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

Time : 8.3~8.7 afternoon, 2020

**Location: 3F Auditorium, Life Science Building,
NTU**

8/3 (Mon)

14:00 - 14:50 General introduction (Yi-Chun Wu/NTU)

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

8/4 (Tue)

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

15:00 - 15:50 Methods III: CRISPR-Cas9 & other genome editing tools (Tsui-Ting Jean/NYMU)

16:00 - 16:50 Workshop I: CRISPR-Cas9 (Tsui-Ting Jean/NYMU and Hsin-Yue Tsai/NTU)

8/5 (Wed)

14:00 - 14:50 Methods IV: Optical imaging of structures and functions (Chun-Hao Chen/NTU)

15:00 - 15:50 Postembryonic development (heterochronic pathways) & RNAi (Shih-Peng Chan/NTU)

8/6 (Thu)

14:00 - 14:50 Neurobiology & behavior (Chun-Liang Pan/NTU)

15:00 - 15:50 Methods V: Genomics and transcriptomics (Isheng Jason Tsai/AS)

8/7 (Fri)

14:00 - 14:50 Aging, stress responses & pathogenesis (Chang-Shi Chen/NCKU)

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

16:00 - 16:15 Taiwan *C. elegans* core facility and community (Yi-Chun Wu, NTU)

16:20 - 16:50 Workshop II: phic31-mediated single copy insertion (John Wang/AS)



Registration Site: <https://forms.gle/yRL4P5SwrxBbPhQU9>

Registration deadline 7/29 17:00

CSB 台灣大學系統生物學研究中心

NCFB 科技部生技醫藥核心設施