

***C. elegans* Summer On-Line Course**

8/2~8/6, 2021

- Each lecture is about 50 minutes.
- Videos will be put on the CECF website <http://cecf.csbb.ntu.edu.tw/> under “e-LEARNING” during 8/2-8/15.

8/2 (Mon)

1. General introduction (Yi-Chun Wu/NTU)
2. Methods I: General logics of worm projects and Data quantification (Ao-Lin Hsu/CMU)

8/3 (Tue)

3. Methods II: *C. elegans* genetics & genetic screens (Yen-Ping Hsueh/AS)
4. Methods III: CRISPR-Cas9 & other genome editing tools (Tsui-Ting Jean/NYMU)

8/4 (Wed)

5. Methods IV: Optical imaging of structures and functions (Chun-Hao Chen/NTU)
6. Postembryonic development (heterochronic pathways) & RNAi (Shih-Peng Chan/NTU)

8/5 (Thu)

7. Neurobiology & behavior (Chun-Liang Pan/NTU)
8. Methods V: Genomics and transcriptomics (Isheng Jason Tsai/AS)

8/6 (Fri)

9. Pathogenesis and innate immunity (Chang-Shi Chen/NCKU)
10. Resources: Wormbase, modENCODE, others (John Wang/AS)



Registration Site: <https://forms.gle/VWUKMWwaDXTXkudP9>
Registration deadline 7/29 17:00