

# NCTS

# Computational Biology Workshop

## 1-2, August, 2018

### Coordinator: Lee-Wei Yang

Place: Lecture Room A of NCTS, 4F, General Building III, NTHU

Even at its smallest scale, life evolves as a community from what is genetically inherited and subject to general physics laws.

Modern computational tools implemented with well developed statistics, efficient algorithms, machine learning techniques and physicochemical laws are used to analyze diseased and healthier lives, better select drug targets, and design/repurpose high affinity peptides/drugs against promising targets. Welcome join us to explore life in silico!

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## Invited speakers:

**Prof. Jui-Hung Hung**

Department of Computer Science, National  
Chiao Tung University

**Prof. Che Lin**

Department of Electrical Engineering, NTHU

**Prof. Lee-Wei Yang**

The Department of Life Sciences, NTHU

**Cheng-Ching Huang**

Department of Biological Science and  
Technology, NCTU

**Kun-Lin Tsai**

The Department of Life Sciences, NTHU

**Andy Te-Cheng Hsu**

Department of Electrical Engineering, NTHU

**Emmanuel O Salawu**

The Department of Life Sciences, NTHU

**Yuan-Yu Chang**

The Department of Life Sciences, NTHU

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