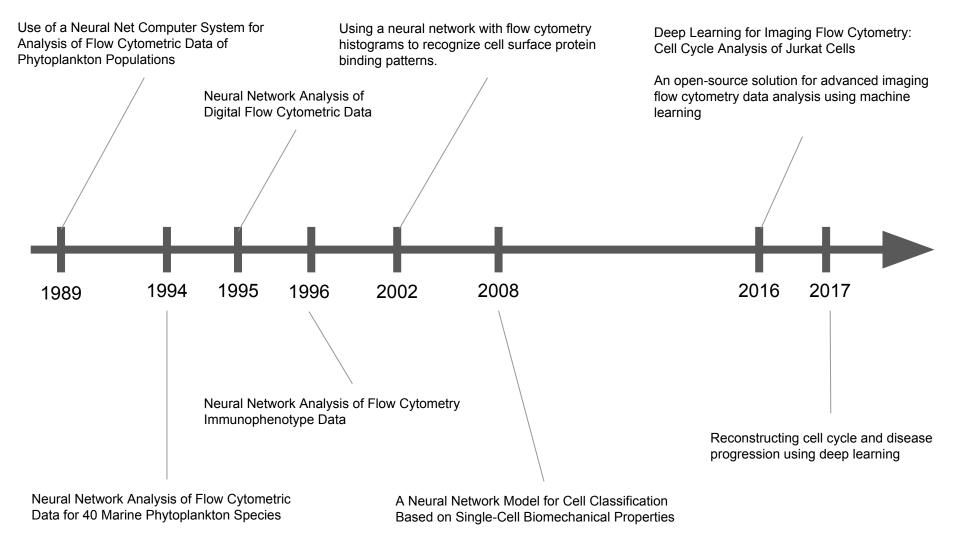
Progress Report

Kuei-Yueh Ko

Goal: Learning to write research plan

- Literature review:
 - Deep Learning & Flow Cytometry
- Literature review:
 - Different Deep Learning Algorithm Related to Image Analysis



Deep Learning for Imaging Flow Cytometry: Cell Cycle Analysis of Jurkat Cells

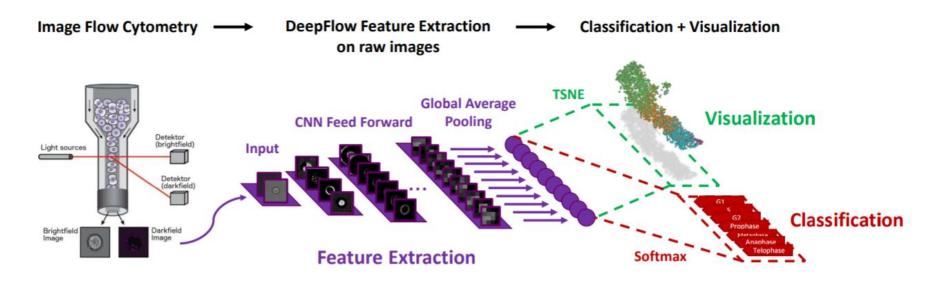


Fig 1. Overview of DeepFlow — deep learning data analysis for imaging flow cytometry. Images from all channels of the Imaging Flow Cytometer are uniformly resized, and input directly into the neural network, which is trained on the classification task. The learned features serve for both the classification objective and the visualization task.