## Assistant Professor Alvin Chan School of Computer Science and Engineering (SCSE) NTU & Lee Kong Chian School of Medicine (LKCMedicine)

## My lab's RNA focus:

1. Deep learning for Efficacy, Stability and Specificity of RNA therapeutics

## Main methodologies:

- 1. Deep Learning:
- Deep learning for RNA carrier design
- 2. High-throughput Screening:
- Assay development for multiplex screening

## **Collaborative potential:**

- 1. RNA Carrier Design for Tissue Targeting
- 2. RNA Payload Design Optimization