

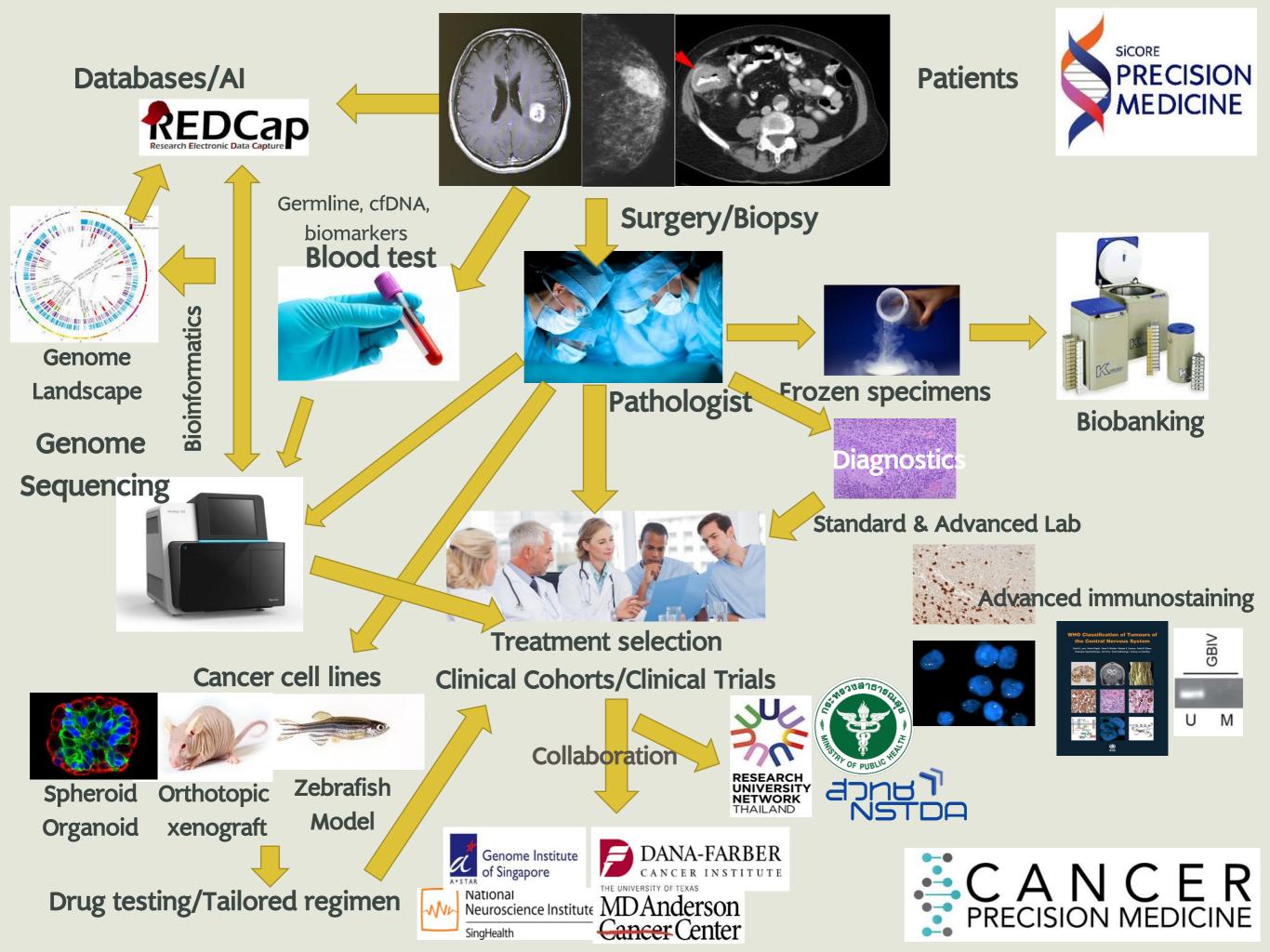
## **Cancer Precision Medicine**

#### **ASEAN Medical School Network**



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### **Network Resource**

Clinical Database & Biospecimens from >3,000 patients





RESEARCH

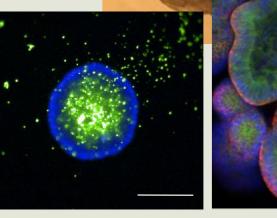
UNIVERSITY

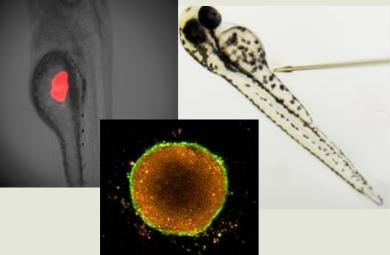
NETWORK

THAILAND

>300 cancer genome sequencing data







Multi-gene panel testing

>30 primary cancer
cell lines/organoids

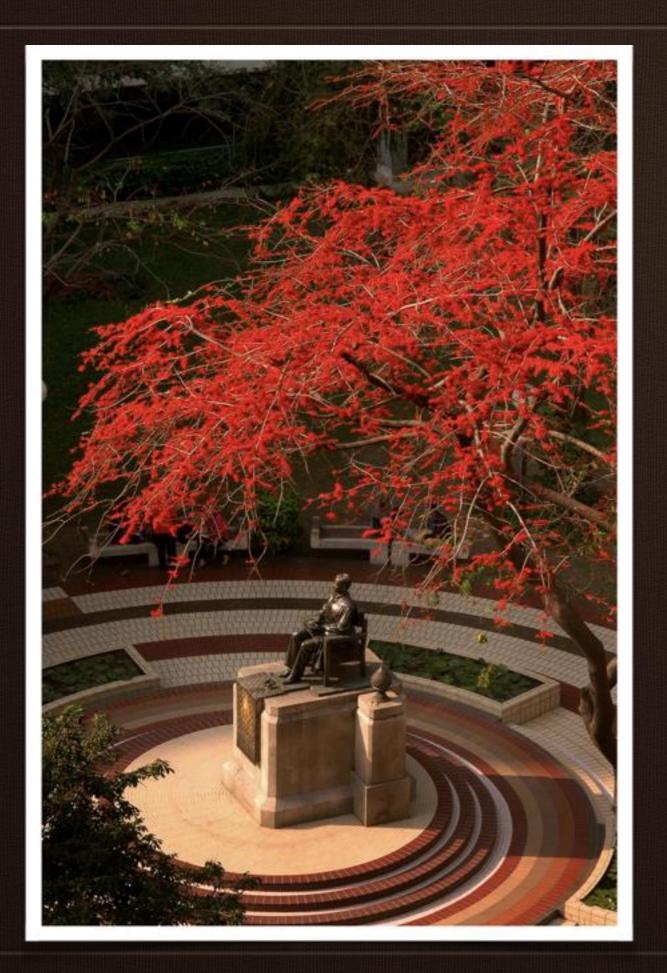
Merge

Zebrafish model and drug testing platform



#### Scope of Research Network

- Focus on selected cancers (breast cancer, H&N cancer, colorectal cancer) with unique clinical/population aspect
- Set up biorepository: blood (serum/plasma, DNA), tissue
- Establish multidisciplinary databases: clinical data, pathological data, multi-omics data, cell line, PDX, drug screening data
- Data sharing policy
- Clinical implementation: individual cancer care, clinical trials, clinical guidelines/policies
- Capacity building
- Start with the most capable topic then gradually expand





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# Questions



Answers