

## **Healthcare applications**

Foundation model for medical image segmentation (ICML'24b)

Foundation model on 1.3 million medical images (NeurIPS'23a)

Glaucoma progression tracking from OCTA Images (British Journal of Ophthalmology'24)

Gastrointestinal disease detection from endoscopy images (Scientific Reports'24, Nature Portfolio)

Pneumonia detection from CT scans (Scientific Reports'23, Nature Portfolio)

Brain tumor detection from MRIs (Scientific Reports'22b, Nature Portfolio)

Pneumonia detection from chest X-rays (Scientific Reports'22a, Nature Portfolio) Skin lesion detection from dermoscopy images (ICML'23b)

Pathology visual question answering (ACL'21a)

3D medical imaging segmentation (AAAI'23)

Long-COVID information extraction (Scientific Reports'23, Nature Portfolio)

Medical dialog generation (EMNLP'20, ACL'21b)

Automated medical coding (IJCAI'21)

Prediction of motor dysfunction (Tomography'21)