

Name: Ran Yan

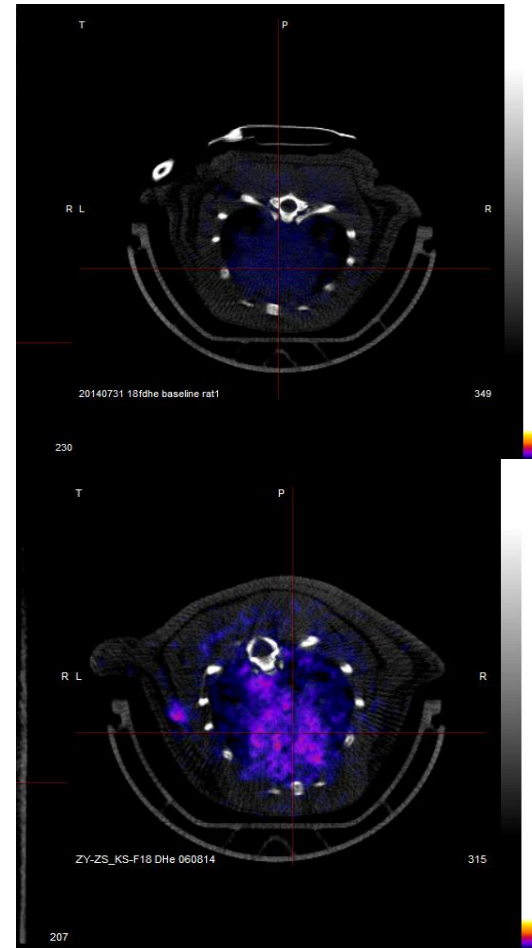
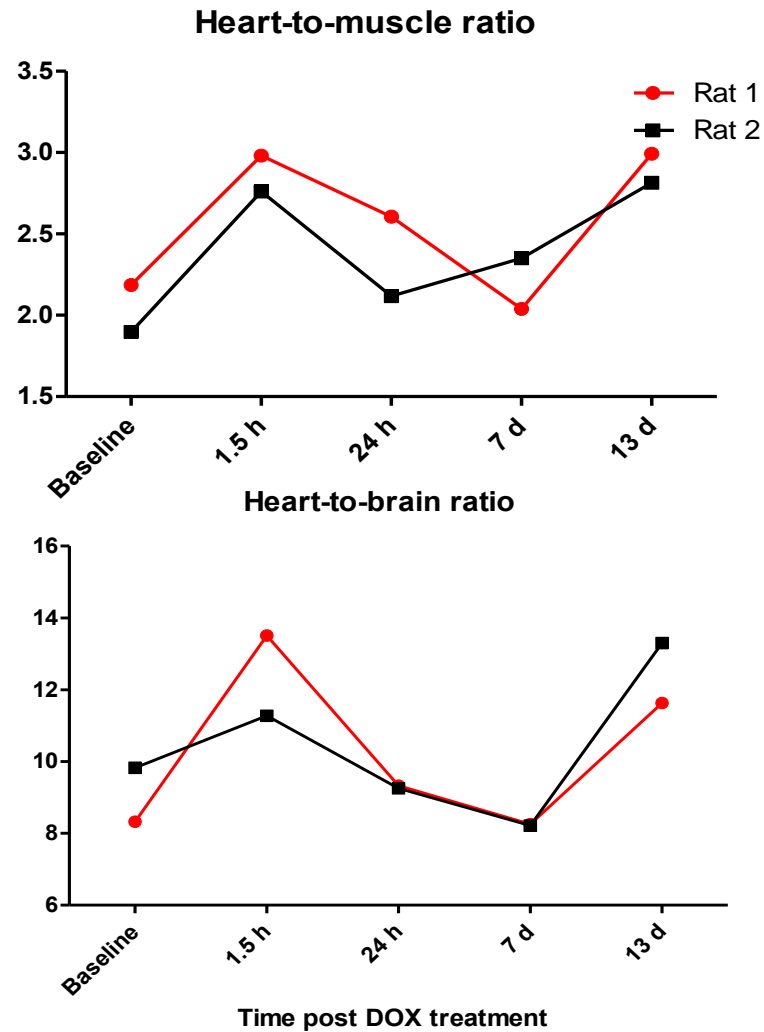
University: King's College London

Department: Imaging chemistry and biology

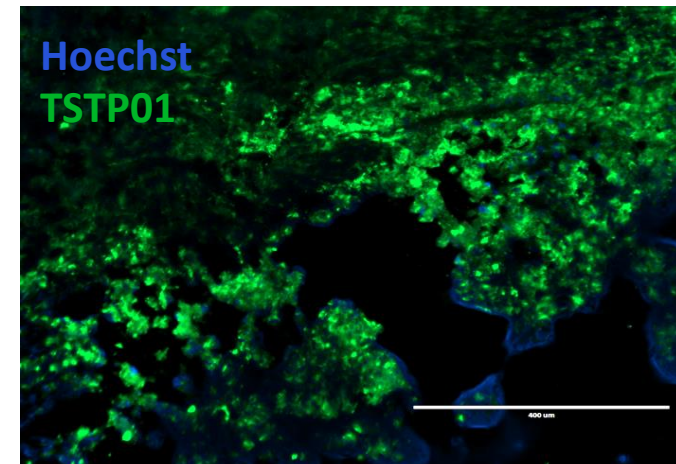
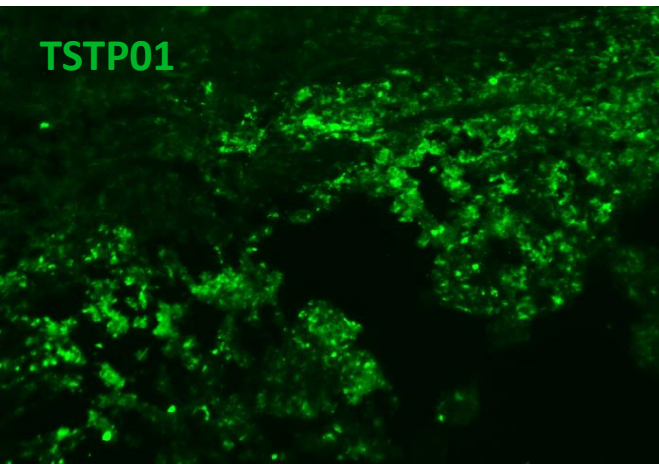
Research Interests:

- **Point 1** Novel ^{18}F -Labeled Bio-makers for Measuring Reactive Oxygen Species *in vivo* with PET
- **Point 2** Dual Labeled Monoclonal Antibody for PET/SPECT Cancer Imaging and Fluorescence Guided Surgery
- **Point 3** Dual Nuclear and Fluorescent Reagents for Cell Tracking

PET Imaging of Doxorubicin Induced Cardiac Toxicity

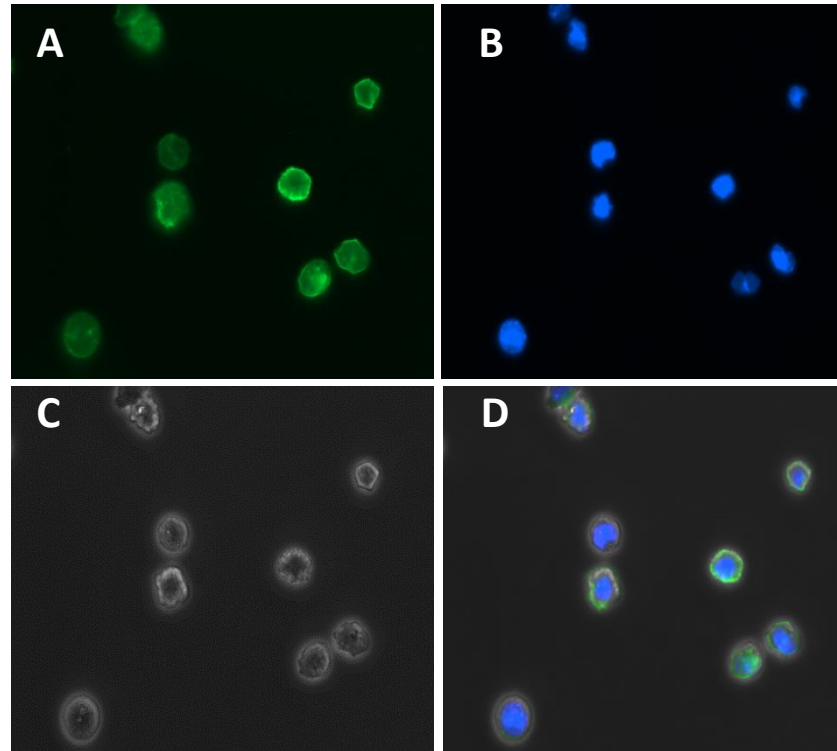


Fluorescent Images of SW1222 Tumour Slide Stained with TSTP01 conjugated A5B7Antibody



- Nuclei were counterstained with Hoechst 33342
- Scale bar is 400 µm
- 5 µg/ml labelled A5B7

Dual Nuclear and Fluorescent Reagents for Cell Tracking



- A. 5T33 cells stained with **EYTP01** (1 μM);
- B. the nuclei were counterstained with Hoechst 33342;
- C. Bright field image of the cells;
- D. Merged images of (A)-(C). Scale bar = 100 μm