## Have you seen your capillary vessels?

## **Photoacoustic Data Restoration**

## どんな研究?

We are participating in AMED to realize early diagnosis of diseases and ultraprecise examinations, and are working on the advancement of photo-acoustic imaging for non-invasive, non-destructive, real-time 3D visualization of the inside of living bodies and objects. In this research, we proposed a computer vision technique for obtaining clear images in order to understand capillary vessel conditions closely related to diseases.

## 何がわかる?

- Explored the reliability variance in PA data.
- Proposed a restoration framework.
- Reconstruct high quality PA for further application.

**3** GOOD HEALTH AND WELL-BEING

