

Exploratory Oncology Research & Clinical Trial Center Section of Support of Animal Experimentation (Tsukiji Campus)

- 1) Establishment of patient-derived xenograft (PDX) and organoids**
3D-culture of surgical specimens and transplantation model to severely immuno-deficient mice
- 2) Molecular characteristic analyses of PDX and organoids**
Characteristic changes from original tissues, e.g., influence of passages, freeze-saw effects
- 3) Translational research for development of anti-cancer drugs using PDX and organoids**
Analyses of molecular target drugs using animal models, for the purpose of optimized medical care for personalized patients

