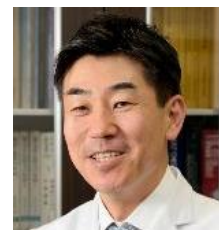


# Department of General Thoracic Surgery and Breast and Endocrinological Surgery

**Welcome to Our Department !  
We are making tomorrow's medicine.**



Prof. Toyooka

## Molecular Oncology Study Group

- Discovery of novel molecular mechanisms for cancer treatment.
- Development of biomarkers for prediction of resistance to various cancers treatment.
- Creation of multidisciplinary treatment approach including surgery for lung cancer.

## Lung Transplantation Study Group

- Clinical study in lung transplantation.
- Basic and translational research: ex vivo lung perfusion model, original mice lung transplantation model.
- Development of innovative surgical approaches for lung transplantation.

## Breast Cancer Study Group

- Clinical trials of novel breast cancer drugs (JCOG, CSPOR, WJOG etc.).
- Epidemiological studies of breast cancer by large scale cohort.
- Discovery and validation of biomarkers for diagnosis and prediction of response to breast cancer treatment.



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