

Implementation of Cancer Genomic Medicine, Identification of Responsible Genes and Drug Development for Hereditary Diseases

(Prof. Kazuto NISHIO, knishio@med.kindai.ac.jp)

Research Area

1. Construction of implementation system of diagnosis, counseling, treatment of hereditary cancer
2. Genetic diagnosis of hereditary cancer
3. Comprehensive care for hereditary breast and ovarian cancer syndrome including bilateral prophylactic mastectomy
4. Identification of responsible genes and drug development for hereditary diseases
5. Genetic test of hereditary disease



Recent Activities

- Clonal composition of human ovarian cancer based on copy number analysis reveals a reciprocal relation with oncogenic mutation status *Cancer Lett* (in press)
- 特許 Method using a ret fusion gene as a biomarker to select non-small cell lung cancer (NSCLC) and thyroid cancer patients for a cancer treatment WO 2017097697 A1