1. Staffs and Students
Professor Masanobu KITAGAWA
Assistant Professor Morito KURATA, Shinya ABE, Shinya ABE-Suzuki, Kouhei YAMAMOTO (on administrative leave)
Laboratory Technician Miori INOUE
Technical Assistant Sachiko ISHIBASHI
Graduate Students Yukako MIWA, Iichiro ONISHI, Ruri DAGET, Na LI, Toshiya NAGIRI, Tatsuro HIDAKA, Kenichi MIYAMOTO, Keiko YAGI, Kazuhito SUZUKI, Masafumi INOUE, Kenichiro KATO

2. Purpose of Education
Main objective of comprehensive pathology in the graduate course is to acquire the technique of clinical and basic pathology. This course provides students opportunity to study clinical pathology (for example, histological and cytological diagnosis, autopsy, clinico-pathologic conference) and also basic pathology (molecular pathology and molecular biology).

3. Research Subjects
1) Clinico-pathological study by morphological findings, immunohistochemistry, and electron microscope, etc.
2) Molecular analysis of leukomogenesis induced by Friend leukemia virus (FLV)
3) Enhancement of apoptosis by virus-derived protein and development of apoptosis-induction cancer therapy
4) Molecular pathology of the myelodysplastic syndromes (MDS)
5) Clarification of drug resistance mechanism for hematopoietic malignancies
6) Comprehensive research for aging focus on the decreased immune competence
7) Molecular biology of the cancer progression and metastasis

4. Publications
Original Article


National meeting
Morito Kurata, Yohei Kanno, Tomoko Takahara, Yukari Yamazaki, Daisuke Kitamura, Takuro Nakamura The role of C/EBpb and Blik cooperation in the pre-B ALL. Ninth international workshop on molecular aspects of myeloid stem cell development and leukemia. 2012 Cincinnati, USA.