Department of Neuropathology

1. Staff and Students (April 2009)
Professor: Hitoshi Okazawa
Associate professor: Yasushi Enokido
MTT fellow: Masaki Sone
Assistant professor: Takuya Tamura, Akihiko Komuro
Secretary: Atsuko Isobe
Technical Staff: Tayoko Tajima
Research scientist: Shigeki Marubuchi
Graduate students: Hikaru Ito, Hiroki Shiwaku, Chan Li, Min Xu, Yoshie Yuki, Zi-Hyang Chin, Risa Shirai
Research trainees: Sainawer Maimaiti

2. Purpose of Education
As educational tasks, we have lecture and experiment classes of neuropathology for medical/dental graduate school program and medical school program. We also have general pathology and neuropathology classes for graduate school for health sciences, and clinical anatomical and therapeutic pathology classes for research students. We also guide practical research techniques on neuropathology especially neurodegenerative diseases.

3. Research Subjects
Following studies have been intensively carried out in our laboratory with various techniques including molecular biology, cell biology, biochemistry, Drosophila and mouse models.
1) Investigation of molecular pathologies of neurodegenerative diseases.
2) Studies on impairment of DNA-repair in neurodegenerative diseases.
3) Development of new seed drugs for neurdegeneration.
4) Development of new seed drugs for mental retardation.
5) Investigation of molecular functions of Oct-3/4

4. Clinical Services
DNA sequence based diagnosis of PQBP1-related mental retardation.

Publications
Original Articles