

– Laboratories available at the 4th year

<http://www.bio.nagoya-u.ac.jp/english/index.html>

– Research Project Samples

- ✧ Human microcephaly protein ASPM focusses mitotic spindle poles redundantly with CDK5RAP2
- ✧ Functional characterisation of the microtubule destabilising kinesin in the moss *Physcomitrella patens*
- ✧ Behavioral/synaptic/molecular analyses of cognition and memory in mice
- ✧ Functional analysis of transcriptional regulators controlling differentiation of cerebellar Purkinje cells
- ✧ Tracing of afferent connections in zebrafish cerebellum using recombinant rabies virus
- ✧ Regulation of Sex Determination of Germ Cells
- ✧ Mechanism of Genetic and Environmental Sex Determination
- ✧ Tight junction enhancing activity of flavonoids and their direct interaction to PDZ domain proteins.
- ✧ Axon regeneration mechanisms: what does *C. elegans* tell us?