

- Laboratories available at the 4th year
<http://www.bio.nagoya-u.ac.jp/english/index.html>

- Research Project Samples
 - ✧ Structural studies of macromolecular trafficking and cytoskeletal dynamics
 - ✧ Post-transcriptional regulation of gene expression in plant organelles
 - ✧ Analysis of a thermotaxis mutant nj24 in *C. elegans*
 - ✧ Neural Mechanisms of Hearing and Auditory Behavior
 - ✧ Analysis of the function of limb bud specific Fgf10 enhancer using cis element manipulated mouse
 - ✧ Phenotyping of Sept3 knockout mice through systematic behavioral test batteries
 - ✧ Functional analysis of budding yeast SCF E3 ubiquitin ligases
 - ✧ Live imaging of mitotic spindle dynamics in the moss *Physcomitrella patens*
 - ✧ Development of cerebellar granule cell axons in zebrafish
 - ✧ Identification of the interacting molecules with CRUMPLED LEAF protein that is involved in cell division, cell differentiation, and plastid division in *Arabidopsis thaliana*
 - ✧ Expression and localization of self-incompatibility factor Themis in the ascidian, *Ciona intestinalis*
 - ✧ Axon regeneration mechanisms: what does *C. elegans* tell us?
 - ✧ Roles of nuclear inner membrane proteins in the nuclear formation in *Xenopus* eggs
 - ✧ Relationship between tissue growth rate and bombyxin receptor expression levels in the silkworm *Bombyx mori*
 - ✧ Identification of a novel cell to cell adhesion protein expressed exclusively in stratified epithelia
 - ✧ Role of ATP binding motif of FlhG, a component that regulates the number and placement of the polar flagellum in *Vibrio alginolyticus*