

# Biological and Bioagricultural Sciences Graduate Program (M)

\*Contact Information is available at: [https://www.med.nagoya-u.ac.jp/medical\\_E/laboratory/](https://www.med.nagoya-u.ac.jp/medical_E/laboratory/)

## Basic Medicine Area

| Graduate School | Department      | Field                               | Division  | Professor   |
|-----------------|-----------------|-------------------------------------|---|---|
| Medicine        | Medical Science | Biological Chemistry                | Molecular Biology<br>Molecular and Cellular Biology   | Prof. KADOMATSU, Kenji<br>Prof. OKAJIMA, Tetsuya  |
|                 |                 | Microbiology and Immunology         | Bacteriology<br>Immunology<br>Virology  | Prof. SHIBAYAMA, Keigo<br>Prof. NISHIKAWA, Hiroyoshi<br>Prof. KIMURA, Hiroshi                                     |
|                 |                 | Advanced Medical Science            | Molecular Biochemistry<br>Neurogenetics<br>Functional Regenerative Medicine<br>Systems Biology  | Prof. OKAJIMA, Tetsuya<br>Prof. OHNO, Kinji<br>Prof. SHIMAMURA, Teppei  |
|                 |                 | Laboratory Animal Science           | Laboratory Animal Science   |   |
|                 |                 | Cell Science                        | Integrative Physiology<br>Cell Physiology<br>Cell Pharmacology  | Prof. NAKAMURA, Kazuhiro<br>Prof. KUBA, Hiroshi   |
|                 |                 | Neuroscience                        | Neuroscience  |   |
|                 |                 | Oncology                            | Molecular Onchology<br>Cancer Biology   | Prof. SUZUKI Hiroshi<br>Prof. KONDO, Yutaka   |
|                 |                 | Higher Nervous Control              | Molecular/Cellular Neuroscience<br>Immunometabolism   | Prof. TAKEMOTO, Sayaka<br>Prof. SUGANAMI, Takayoshi   |
|                 |                 | Regulation of Organ Function        | Neural Regulation<br>Endocrinology  | Prof. HAYASHI, Yoshitaka  |
|                 |                 | Molecular and Cellular Adaptation   | Human Genetics and Molecular Biology<br>Neuroscience and Pathobiology   | Prof. OGI, Tomoo<br>Prof. YAMANAKA, Koji  |
|                 |                 | Anatomy and Cell Biology            | Molecular Cell Biology<br>Functional Anatomy and Neuroscience<br>Cell Biology   | Prof. WAKE, Hiroaki<br>Prof. KIYAMA, Hiroshi<br>Prof. MIYATA, Takaki  |
|                 |                 | Pathology                           | Pathology and Biological Responses<br>Tumor Pathology   | Prof. TOYOKUNI, Shinya<br>Prof. ENOMOTO, Atsushi  |
|                 |                 | Development                         | Molecular Pathology   | Prof. ENOMOTO, Atsushi  |
|                 |                 | Social Life Science                 | Legal Medicine and Bioethics<br>Occupational and Environmental Health<br>Preventive Medicine<br>Public Health and Health Systems<br>Healthcare Administration | Prof. ISHII, Akira<br>Prof. KATO, Masashi<br>Prof. WAKAI, Kenji<br>Prof. YATSUYA, Hiroshi<br>Prof. YAMAMOTO, Eiko |
|                 |                 | Health Promotion Medicine           | Human Nutrition   | Prof. ISHIGURO, Hiroshi<br>Prof. YAMAMOTO, Akiko  |
|                 |                 |                                     | Sports Medicine   | Prof. KOIKE, Teruhiko   |
|                 |                 |                                     | Psychopathology and Psychotherapy   |   |
|                 |                 | Aging Research                      | Exercise and Sports Physiology  | Prof. ISHIDA, Koji<br>Prof. KATAYAMA, Keisho  |
|                 |                 |                                     | Molecular Aging Research  | Adjunct Prof. MARUYAMA Mitsuo   |
|                 |                 | HIV and AIDs                        | Cognitive Function Research   | Adjunct Prof. NAKAMURA, Akinori<br>Adjunct Prof. SAKURAI, Takashi   |
|                 |                 |                                     | HIV and AIDs  | Adjunct Prof. IWATANI, Yasumasa   |
|                 |                 | Neurochemistry                      | Neurochemistry  | Adjunct Prof. NAKAYAMA, Atsuo<br>Adjunct Prof. NAGATA, Koichi   |
|                 |                 | Cancer Epidemiology and Prevention  | Descriptive Cancer Epidemiology<br>Cancer Epidemiology<br>Cancer Genetics   | Adjunct Prof. ITO, Hidemi<br>Adjunct Prof. MATSUO, Keitaro  |
|                 |                 | Cancer Pathobiology and Informatics | Cancer Physiology<br>Molecular and Cellular Oncology<br>Cancer Informatics  | Adjunct Prof. AOKI, Masahiro<br>Adjunct Prof. SEKIDO, Yoshitaka<br>Adjunct Prof. YAMAGUCHI, Rui                   |
|                 |                 | Cancer Diagnostics and Therapeutics | Target and Drug Discovery   | Adjunct Prof. ONEYAMA, Chitose  |
|                 |                 |                                     | Celular Oncology  | Adjunct Prof. Kagoya, Yuki  |
|                 |                 |                                     | Cancer Immunogenomics   | Adjunct Prof. MATSUSHITA Hirokazu   |
|                 |                 |                                     | Advanced Cancer Diagnostics<br>Advanced Cancer Therapeutics   | Adjunct Prof. TAGUCHI, Ayumu<br>Adjunct Prof. EBI, Hiromichi  |
|                 |                 | Translational Molecular Pathology   | Translational Molecular Pathology   |   |

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## Clinical Medicine Area

| Graduate School | Department      | Field                                    | Division  | Professor   |
|-----------------|-----------------|--|---|---|
| Medicine        | Medical Science | Internal Medicine                        | Hematology and Oncology<br>Cardiology<br>Gastroenterology<br>Respiratory Medicine<br>Endocrinology and Diabetes<br>Nephrology   | Prof. KIYOI, Hitoshi<br>Prof. MUROHARA, Toyooki<br>Prof. KAWASHIMA, Hiroki<br>Prof. ISHII, Makoto<br>Prof. ARIMA, Hiroshi<br>Prof. MARUYAMA, Shoichi                          |
|                 |                 | High-Technology Application Medicine     | Radiology<br>Interventional and Therapeutic Radiology<br>Radiation Oncology<br>Pathology and Laboratory Medicine<br>Diagnostic Pathology<br>Clinical Oncology and Chemotherapy  | Prof. NAGANAWA, Shinji<br><br>Prof. KARUBE, Kennosuke<br><br>Prof. ANDO, Yuichi   |
|                 |                 | Clinical Neuroscience                    | Neurology<br>Psychiatry<br>Neurosurgery<br>Frontier Surgical Neuroscience<br>Endovascular Neurosurgery  | Prof. KATSUNO, Masahisa<br><br>Prof. SAITO, Ryota   |
|                 |                 | Head and Neck and Sensory Organ Medicine | Ophthalmology<br>Protective Care for Sensory Disorders<br>Otorhinolaryngology<br>Maxillofacial Surgery  | Prof. NISHIGUCHI, Koji<br><br>Prof. SONE, Michihiko<br>Prof. HIBI, Hideharu   |
|                 |                 | Surgery                                  | Surgical Oncology<br>Vascular and Endovascular Surgery<br>Gastroenterological Surgery<br>Breast and Endocrine Surgery<br>Transplantation Surgery<br>Cardiac Surgery<br>Thoracic Surgery<br>Pediatric Surgery<br>Urology | Prof. EBATA, Tomoki<br>Prof. BANNO, Hiroshi<br>Prof. KODERA, Yasuhiro<br>Prof. MASUDA, Norikazu<br><br>Prof. USUI, Akihiko<br>Prof. YOSHIKAWA Toyofumi<br>Prof. UCHIDA, Hiroo |
|                 |                 | Musculoskeletal and Cutaneous Surgery    | Orthopaedics<br>Rheumatology<br>Human Enhancement & Hand Surgery<br>Dermatology<br>Plastic and Reconstructive Surgery   | Prof. IMAGAMA, Shiro<br><br>Prof. AKIYAMA, Masashi<br>Prof. KAMEI, Yuzuru   |
|                 |                 | Biomedical Regulation                    | Anesthesiology<br>Infectious Diseases<br>Emergency and Critical Care Medicine   | Prof. NISHIWAKI, Kimitoshi<br>Prof. YAGI, Tetsuya<br>Prof. MATSUDA, Naoyuki   |
|                 |                 | Clinical Management Medicine             | Operation Medicine<br>Cell Therapy Medicine<br>Anatomical Pathology<br>Diagnostic and Therapeutic Endoscopy<br>Clinical Radiology   | Prof. MATSUSHITA, Tadashi   |
|                 |                 | Medicine in Growth and Aging             | Pediatrics<br>Developmental and Geriatric Psychiatry<br>Community Healthcare and Geriatrics<br>Obstetrics and Gynecology<br>General Medicine  | Prof. TAKAHASHI, Yoshiyuki<br><br>Prof. KAJIYAMA, Hiroaki   |
|                 |                 | Maternal and Perinatal Care              | Maternal and Perinatal Care   |   |
|                 |                 | Psychiatry for Parents and Children      | Psychiatry for Parents and Children   |   |
|                 |                 | Comprehensive Management Medicine        | Medical Education<br>Quality and Patient Safety<br>International Medical Education  | Prof. NISHIGORI, Hiroshi<br>Prof. NAGAO, Yoshimasa<br>Prof. KASUYA, Hideki  |
|                 |                 | Comprehensive Pediatric Medicine         | Comprehensive Pediatric Medicine  | Adjunct Prof. ITO, Komei<br>Adjunct Prof. KITOH, Hiroshi  |

## Clinical Pharmacology Area

| Graduate School | Department      | Field                  | Division   | Professor   |
|-----------------|-----------------|------------------------|--|---|
| Medicine        | Medical Science | Molecular Pharmacology | Molecular Pharmacokinetics<br>Molecular Pharmaco-Biology<br>Toxicogenomics                           | Prof. SAWADA, Makoto<br>Prof. MASUTANI, Chikahide                       |
|                 |                 | Clinical Pharmacology  | Neuropsychopharmacology and Hospital Pharmacy<br>Clinical Oncology and Chemotherapy<br>Biostatistics | Prof. YAMADA, Kiyofumi<br>Prof. ANDO, Yuichi<br>Prof. MATSUI, Shigeyuki |