

## Table of the Major Chairs and the Instruction and Research Fields of Supervisors

### COURSE OF BASIC VETERINARY SCIENCE

Name of Major Supervisor	Field of Instruction and Research	
	Speciality	Content
Mitsuharu MATSUMOTO	Comparative Anatomy	Functional and morphological studies on morphogenesis and angiogenesis in mammary gland
Atsushi MIYAMOTO	Comparative Pharmacology	Effects of intrinsic vasoactive substances and natural products on brain circulation system
Akikazu FUJITA	Molecular Cell Biology	Studies on molecular cell biology at the ultrafine structure level
Hiroaki KANOUCHI	Biochemistry	Studies on molecular mechanisms of diseases based on amino acid disorders
Atsushi ASANO	Laboratory Animal Science	Studies on the regulatory mechanism of gene expression in male germ cells
Takuro ARIMURA	Medical Genomics	Molecular pathogenesis of cardiovascular disease (idiopathic cardiomyopathy and arrhythmia)
Mitsuya SHIRAISHI	Cellular Pharmacology and Toxicology	Pharmacological and toxicological studies on effect of chemical substances on intracellular signal transduction

## COURSE OF PATHOLOGICAL AND PREVENTIVE VETERINARY SCIENCE

Name of Major Supervisor	Field of Instruction and Research	
	Speciality	Content
Takehisa CHUMA	Microbiology in Veterinary Public Health	Studies on prevention and control of pathogens in veterinary public health
Tetsuya TANAKA	Protozoology	Analysis of characterization and immunological function on the tick-bioactive molecule
Kyoko KOHARA	Infectious Diseases	Studies on viral pathogenesis and application for prevention
Aya MATSUU	Virology	Studies on viral diseases of animals
Makoto OZAWA	Veterinary Virology	Basic and applied research on influenza and other viral diseases
Tomohide MATSUO	Parasitology	Studies on enteric protozoan parasites
Noriaki MIYOSHI	Tumor Pathology	Histopathological studies on various tumors of animals
Takeshi OBI	Infectious microbiology	Studies of the infection route and pathogenicity of microorganisms related to the infection of livestock and companion animal

## COURSE OF CLINICAL VETERINARY SCIENCE

Name of Major Supervisor	Field of Instruction and Research	
	Speciality	Content
Osamu YAMATO	Domestic animal clinical biochemistry	Studies on pathobiology, molecular mechanism, and diagnostic, therapeutic and preventive methods in animal diseases, especially inherited metabolic and hematological disorders
Yasuyuki ENDO	Molecular Diagnosis of Veterinary Internal Medicine	Studies on the pathophysiology and treatment strategy of infectious diseases in small animals
Akira YABUKI	Clinical Cytology	Histological and cytological studies on the pathological mechanisms and diagnostic manners of animal diseases
Seiji HOBO	Large animal Internal Medicine	Studies on diagnosis, treatment and pathophysiology of internal disease in animal
Naoki MIURA	Comparative analysis for pathophysiology in veterinary medicine.	Comparative analysis of pathophysiology between veterinary disease and human disease and development of the novel diagnostic and therapeutic strategy in veterinary medicine
Kazuhiro MISUMI	Diagnosis and Treatment of Veterinary Surgery	Fundamental study to determine the clinically significant diagnosis and treatment concerning a variety of disorders in veterinary surgery
Yasuyuki MOMOI	Molecular Diagnosis and therapeutics	Research and development of diagnostic and therapeutic methods for various small animal diseases using molecular biological technique
Makoto FUJIKI	Diagnosis and Treatment of Veterinary Orthopaedics	Research on diagnosis and treatment in veterinary orthopaedics
Chikara KUBOTA	Veterinary Biotechnology	Research of animal reproductive technologies in veterinary clinic