

## (List of Divisions related to Applied Biological Sciences)

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## [Department of Life Science and Chemistry]

## Molecular Life Science Division

Name	Research Field	Research Topics	Mail Address (Please change 「*」 to 「@」)	Official Web Site	
Professor <b>ANDO, Hiromune</b>	Carbohydrate-Oriented Life Science	Chemical Syntheses of Natural Glycoconjugates Creation of Versatile Carbohydrate Probes	ando.hiromune.0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kassei1/index-e.html">https://www1.gifu-u.ac.jp/~kassei1/index-e.html</a>	JD
Associate Professor <b>IMAMURA, Akihiro</b>	Applied Carbohydrate Chemistry	Chemical Syntheses of Biologically-relevant Glycans Development of Novel Glycosylation Methods	imamura.akihiro.k1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kassei1/index-e.html">https://www1.gifu-u.ac.jp/~kassei1/index-e.html</a>	
Associate Professor <b>IWAMA, Tomonori</b>	Microbial Biochemistry	Structure and function of bacterial chemoreceptor	iwama.tomonori.z8*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/h1884/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/h1884/</a>	JD
Professor <b>UENO, Yoshihito</b>	Nucleic Acid Chemistry	Design and chemical synthesis of functional nucleic acids for gene therapy and genetic diagnosis	ueno.yoshihito.e7*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~biochem/">https://www1.gifu-u.ac.jp/~biochem/</a>	JD
Professor <b>KIZUKA, Yasuhiko</b>	Glycobiology	Biochemical analysis of physiological and pathological functions of mammalian glycans	kizuka.yasuhiko.k8*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kizuka_2/">https://www1.gifu-u.ac.jp/~kizuka_2/</a>	JD
Assistant professor <b>KOMURA, Naoko</b>	Glycoconjugate Chemistry	Chemical synthesis and chemical biology of glycans	komura.naoko.a1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kassei1/index-e.html">https://www1.gifu-u.ac.jp/~kassei1/index-e.html</a>	
Associate Professor <b>SHIMADA, Atsuhiko</b>	Enzyme Science	Structure-based understanding the chemical reaction mechanism driven by enzymes	shimada.atsuhiko.s2*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/</a>	
Professor <b>SUZUKI, Kenichi</b>	Cell Biophysics	Studies on cell membrane structures and signal transduction by single-molecule imaging	suzuki.kenichi.b7*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~single/">https://www1.gifu-u.ac.jp/~single/</a>	
Associate Professor <b>SUZUKI, Shiro</b>	Biomass Metabolism & Chemistry	Research of the chemical structures, biosyntheses, metabolisms, and value-added use of plant biomass	suzuki.shiro.n5*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/biomass/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/biomass/</a>	JD
Assistant professor <b>TANAKA, Hidenori</b>	Bio-related chemistry	Development of synthetic methods for oligosaccharides and nucleic acid-like biomolecules	tanaka.hidenori.v1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kassei1/index-e.html">https://www1.gifu-u.ac.jp/~kassei1/index-e.html</a>	
Professor <b>NAKAGAWA, Tsutomu</b>	Molecular Cellular Biology	Biochemical and molecular biological studies on the mechanisms of regulation of protein function by post-translational modifications and their biological significance	nakagawa.tsutomu.i1*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/</a>	
Associate Professor <b>NAKAJIMA, Kazuki</b>	Bioanalytical Chemistry	Technological development for analyzing glycan-related molecules to understand glycan functions and their metabolic crosstalks.	nakajima.kazuki.x0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~knakaji2/en/index.html">https://www1.gifu-u.ac.jp/~knakaji2/en/index.html</a>	
Associate Professor <b>NAKAMURA, Kohei</b>	Molecular Microbial Ecology	Syntrophic methanogenesis Prokaryotic diversity on anaerobic metabolism in carbon cycle	nakamura.kohei.r0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~tak2003/index-j.html">https://www1.gifu-u.ac.jp/~tak2003/index-j.html</a>	
Assistant Professor <b>HASHIMOTO, Mizuru</b>	Animal Biochemistry	Study on the mechanisms of brain development and function by analysis of genetically modified mice.	hashimoto.misuzu.b9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/</a>	
Professor <b>FUJITA, Morihisa</b>	Systems Glycobiology	Studies on metabolism and transport of glycans and glycoproteins	fujita.morihisa.h3*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~mfujita/en/index.html">https://www1.gifu-u.ac.jp/~mfujita/en/index.html</a>	
Professor <b>YANASE, Emiko</b>	Bio-organic Chemistry	Isolation, structure determination and synthesis of Natural products	yanase.emiko.h2*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~biochem/">https://www1.gifu-u.ac.jp/~biochem/</a>	JD
Associate Professor <b>YAMAUCHI, Kosei</b>	Natural Products Chemistry	Isolation and identification of ingredients from natural products Investigation of physiological activity of ingredients in animal cells	yamauchi.kosei.p2*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/mitunaga/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/mitunaga/</a>	JD

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Guwahati and Gifu University)

Life Science for Food Division

Name	Research Field	Research Topics	Mail Address (Please change 「*」 to 「@」)	Official Web Site	
Associate Professor <b>INAGAKI, Mizuko</b>	Food Ingredients Biochemistry	Study on the enhancement of cellular homeostasis by food ingredients Study on the mechanism of intestinal microflora correction	inagaki.mizuho.u9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/mizuho/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/mizuho/</a>	JD
Associate Professor <b>IMAIZUMI, Teppei</b>	Process Engineering for Agriproducts	Studies on structural and physical properties in processed fruit and vegetables	imaizumi.tepppei.j6*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~nousan/">https://www1.gifu-u.ac.jp/~nousan/</a>	
Professor <b>IWAMOTO, Satoshi</b>	Food Engineering	Inner structure changes of a natural stacked polymer films Application of self-assembly of natural amphiphilic substance to create functional interface Sol-gel and/or glass transition of food materials	iwamoto.satoshi.x7*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~shokko/">https://www1.gifu-u.ac.jp/~shokko/</a>	JD
Associate Professor <b>KATSUNO, Nakako</b>	Food Processing Chemistry	Study of dispersion stability of particles in nonaqueous food slurry Chemical changing in food during processing Study on hierarchical structure of starch	katsuno.nakako.n0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~aprocess/index.htm">https://www1.gifu-u.ac.jp/~aprocess/index.htm</a>	JD
Associate Professor <b>KITAGUCHI, Kohji</b>	Nutritional Immunology	Molecular and cellular studies on the interaction between immune cells and food components Studies on inhibitory effect of food on allergic diseases	kitaguchi.kohji.u8*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~yabet/">https://www1.gifu-u.ac.jp/~yabet/</a>	JD
Associate Professor <b>SHIMADA, Masaya</b>	Nutritional Biochemistry	Regulation of metabolic diseases (fatty liver, diabetes etc.) by nutrients and food components	shimada.masaya.v7*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/nut-micr/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/nut-micr/</a>	JD
Associate Professor <b>THAMMAWONG , Manasikan</b>	Postharvest Physiology	Understanding of Quality Change Mechanisms and Development of the Novel Postharvest Technology for Fresh Produces	thammawong.manasikan.i2*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/knakano/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/knakano/</a>	JD
Professor <b>NAKAGAWA, Tomoyuki</b>	Food Microbiology	Molecular cell biology of yeasts Molecular breeding of yeasts Development of industrial enzymes	nakagawa.tomoyuki.u0*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/t_nakaga/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/t_nakaga/</a>	JD
Assistant Professor <b>NAKAGAWA, Kasumi</b>	Microbiology of Fermented Foods	Isolation and Characterization of Microorganisms from Nature	nakagawa.kasumi.j8*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/hakko/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/hakko/</a>	JD
Professor <b>NAKANO, Kohei</b>	Postharvest Engineering	Postharvest Physiology and Technology of Fresh Agricultural produces	nakano.kohei.i7*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/knakano/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/knakano/</a>	JD
Professor <b>NISHIZU, Takahisa</b>	Food Process Engineering	Studies on physical properties of food Development of food process monitoring technique Studies on food freezing	nishizu.takahisa.g0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~aprocess/index.htm">https://www1.gifu-u.ac.jp/~aprocess/index.htm</a>	JD
Professor <b>YABE, Tomio</b>	Functional Food Biochemistry	Glycobiological studies on function control through proteoglycans. Structural analysis of a dietary fiber in food and studies on physiology.	yabe.tomio.r9*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~yabet/">https://www1.gifu-u.ac.jp/~yabet/</a>	JD

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【Department of Agricultural and Environmental Science】

Plant Production Division

Name	Research Field	Research Topics	Mail Address (Please change 「*」 to 「@」)	Official Web Site
Professor <b>OBA, Shinya</b>	Agronomy, Farm Management, and Plant Production control	Study on the genetical and the physiological properties of field crop plants such as rice, soybean, buckwheat etc. Study on the plant production systems and the field control based on low input agriculture from soil science and ecological aspects	oba.shinya.y0*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/soba/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/soba/</a>
Assistant Professor <b>OCHIAI, Masaki</b>	Horticultural Biotechnology and Bioengineering	Molecular and biological properties of horticultural plants under environmental control. Breeding of horticultural varieties suitable for protected cultivation.	ochiai.masaki.h3*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~hort/index.htm">https://www1.gifu-u.ac.jp/~hort/index.htm</a>
Associate Professor <b>KOBAYASHI, Yuriko</b>	Molecular Plant Nutrition	Molecular mechanism of tolerance and adaptation of plants to the soil environmental stresses such as nutritional and toxic elements	kobayashi.yuriko.h8*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/koyama/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/koyama/</a>
Professor <b>KOYAMA, Hiroyuki</b>	Plant Cell Technology	Molecular Physiology in the plant responses to aluminum toxicity and Pi deficiency Plant molecular breeding to improve growth performance in the acid soil Applied genomics approaches for "gene-fishing" that can utilize plant breeding	koyama.hiroyuki.i9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/koyama/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/koyama/</a>
Professor <b>SHIMAZU, Teruaki</b>	Environmental Control Engineering	•Development of environmental control on plant production systems •Analysis of greenhouse microclimate •Analysis of the environmental response of plant physiological process	shimazu.teruaki.f9*f.gifu-u.ac.jp	<a href="https://mobile.twitter.com/pfcd1500">https://mobile.twitter.com/pfcd1500</a>
Associate Professor <b>SHIMIZU, Masafumi</b>	Plant Protection	Biological control of plant diseases Analysis of tri-trophic interactions among plants, pathogens and plant probiotics	shimizu.masafumi.f3*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hyakumac/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hyakumac/</a>
Professor <b>SUGA, Harubisa</b>	Molecular Plant Pathology	Molecular Ecology of Plant Pathogens Producing Mycotoxins Pathogenicity Mechanisms of Plant Pathogens Genome Evolution of Plant Pathogens	suga.haruhisa.c2*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~lscr/dgr/suga-hp/MGRC_SUGA.htm">https://www1.gifu-u.ac.jp/~lscr/dgr/suga-hp/MGRC_SUGA.htm</a>
Associate Professor <b>TANAKA, Takashi</b>	Agronomy	Precision agriculture in rice, wheat, and soybean production Sustainable agronomic practices for forage rice and corn silage production system. Statistical modeling for agronomy data	tanaka.takashi.t1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~cropsci/">https://www1.gifu-u.ac.jp/~cropsci/</a>
Assistant Professor <b>HINO,</b> <b>Ayaka</b>	Fungal Ecology	Taxonomy and ecology of plant pathogenic fungi inhabiting agricultural land and surrounding environment Genetic population structure and distribution dynamics of phytopathogenic oomycetes	hino/ayaka.h9*f.gifu-u.ac.jp	<a href="https://www.green.gifu-u.ac.jp/~kageyamalab/">https://www.green.gifu-u.ac.jp/~kageyamalab/</a>
Professor <b>MATSUI, Tsutomu</b>	Crop Production Science	Heat induced floral sterility in rice Mechanics of anther dehiscence in grain crops Life cycle assessment in agriculture	matsui.tsutomu.m5*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~cropsci/">https://www1.gifu-u.ac.jp/~cropsci/</a>
Professor <b>MATSUBARA, Yoichi</b>	Horticultural Plant Production	Bio regulation of environmental stress tolerance in horticultural plants Antioxidative ability in horticultural plants Herb plants with antifungal and antioxidative ability	matsubara.yoichi.r6*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~ymatsu/">https://www1.gifu-u.ac.jp/~ymatsu/</a>
Professor <b>YAMADA, Kunio</b>	Horticultural Science	Postharvest Physiology of Cut Roses Plant Physiology in the Petal Growth Phytoremediation using Ornamental Plants	yamada.kunio.k0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~hort/index.htm">https://www1.gifu-u.ac.jp/~hort/index.htm</a>
Associate Professor <b>YAMANE, Kyoko</b>	Genetics and Plant Breeding	Origin, Evolution, and Conservation of Wasabi Breeding of Buckwheat Related Species. Molecular Cloning of Adaptation Characters in Triticum/ Aegilops Species, Wheat-Related Species.	yamane.kyoko.h6*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~kyamane/">https://www1.gifu-u.ac.jp/~kyamane/</a>
Professor <b>YAMAMOTO, Yoshiharu Y.</b>	Plant Genome Science	Environmental Stresses and Photosynthesis Genome-wide Analysis of Plant Promoter Photosynthetic Sea Slug	amamoto.yoshiharu.h5*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~yyvyyv/Top.html">https://www1.gifu-u.ac.jp/~yyvyyv/Top.html</a>
Associate Professor <b>LEE, Yoomni</b>	Agricultural Policy	Evaluation of Japanese Agricultural Policy Promotion of regional agriculture in Japan	lee.yoomni.i7*f.gifu-u.ac.jp	in preparation

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## Animal Science Division

Name	Research Field	Research Topics	Mail Address (Please change 「*」 to 「@」)	Official Web Site
Associate Professor <b>ASANO, Makoto</b>	Zoo and Wildlife Medicine	Population analysis on Wild Mammals Population Control of Invasive Alien Mammals Reproductive Research on Wild Mammals	asano.makoto.p9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/vetpage/wildlife/">https://www.abios.gifu-u.ac.jp/education-member/vetpage/wildlife/</a>
Professor <b>IWASAWA, Atsushi</b>	Comparative Biochemistry (Animal Physiological Chemistry)	Ontogeny of the pituitary-thyroid axis in chicken embryo Development of sensitive, non-radioisotopic immunoassays for avian pituitary hormones Mechanism of avian glucose homeostasis	iwasawa.atsushi.j0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~aiwa/cebaus.html">https://www1.gifu-u.ac.jp/~aiwa/cebaus.html</a>
Assistant Professor <b>OTSUKA, Tsuyoshi</b>	Animal Productive Management	Biological rhythms and animal productivity Effects of environmental changes on animal physiology	otsuka.tsuyoshi.p7*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/otsuka/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/otsuka/</a>
Professor <b>KUSUDA, Satoshi</b>	Zoo Animal Reproduction	Reproductive physiology in zoo and wild animals Development of non-invasive endocrine monitoring techniques for endangered animals	kusuda.satoshi.y5*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~lar/">https://www1.gifu-u.ac.jp/~lar/</a>
Professor <b>SUZUKI, Masatsugu</b>	Wildlife Biology	Reproductive Biology of Wildlife Management Techniques of Wildlife Wildlife Diseases	suzuki.masatsugu.u6*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/vetpage/wildlife/">https://www.abios.gifu-u.ac.jp/education-member/vetpage/wildlife/</a>
Associate Professor <b>TADANO, Ryo</b>	Animal Genome Diversity	Study on genetic diversity of livestock and poultry	tadano.ryo.i0*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/tadano/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/tadano/</a>
Associate Professor <b>NINOMIYA, Shigeru</b>	Animal Welfare & Behaviour	Animal management and welfare Ethology of animal behavioural expression in captivity	ninomiya.shigeru.b2*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/awb/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/awb/</a>
Assistant Professor <b>HIMAKI, Takehiro</b>	Animal Developmental Engineering	Artificial controls of the generative cells Development of the techniques to produce the high valuable animals	himaki.takehiro.s9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/himaki/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/himaki/</a>
Professor <b>MATSUMURA, Shuichi</b>	Animal Genetics	Evolutionary genetics of domestic and wild animals Evaluation and conservation of genetic diversity in domestic and wild animals	matsumura.shuichi.k1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~genetics/">https://www1.gifu-u.ac.jp/~genetics/</a>
Professor <b>YAMAMOTO, Akemi</b>	Animal Nutrition	Response of poultry to energy and amino acids Estimation of digestibility for pigs and poultry	yamamoto.akemi.f6*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/nutrition/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/nutrition/</a>
Professor <b>YAYOTA, Masato</b>	Animal Feeding and Nutrition	Nutritional ecology of grazing ruminants on semi-natural grasslands Digestive physiology of grazing ruminants	yayota.masato.t4*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/yayo/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/yayo/</a>

Environmental Science and Ecology Division

Name	Research Field	Research Topics	Mail Address (Please change 「*」 to 「@」)	Official Web Site
Associate Professor <b>ANDO, Masaki</b>	Wildlife Ecology and Management	Interactions between Wildlife and Forest Ecosystem Wildlife Ecology and Management	ando.masaki.i7*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~m_ando/index.html">https://www1.gifu-u.ac.jp/~m_ando/index.html</a>
Professor <b>HIRAMATSU, Ken</b>	Water Resources and Environmental Engineering	Ecological and environmental hydraulics Conservation of aquatic ecology and environment in a rural area Water resources management	hiramatsu.ken.b7*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~water/index.html">https://www1.gifu-u.ac.jp/~water/index.html</a>
Associate Professor <b>HIROTA, Isao</b>	Regional Resource Ecology	Regional plant utilization and management in Southeast Asia and Japan Agricultural system and ecology in Southeast Asia and Japan.	hirota.isao.m4*f.gifu-u.ac.jp	<a href="https://researchmap.jp/hirotaisao?lang=en">https://researchmap.jp/hirotaisao?lang=en</a>
Associate Professor <b>I TO, Kengo</b>	Aquatic Biology and Environmental Science	Conservation of Aqua Biological Ecology Irrigation and Drainage Analysis of Plants Sap Flow	ito.kengo.h9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/irokeen/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/irokeen/</a>
Assistant Professor <b>KATAHATA, Shin-Ichiro</b>	Tree Ecophysiology	Environmental Response of Tree Flowering Mechanism of Tree	katahata.shin-ichiro.y8*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~ymuka/index.html">https://www1.gifu-u.ac.jp/~ymuka/index.html</a>
Associate Professor <b>KATO, Shogo</b>	Forest Ecology	Spatial pattern and process in woody plants (Hemiparasitic plant, understory plant, Liana and Japanese fir) Positive and negative phototropism of root climber	kato.shogo.u1*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~shogo/index.html">https://www1.gifu-u.ac.jp/~shogo/index.html</a>
Professor <b>MUKAI, Takahiko</b>	Biogeography	Research on the diversity of aquatic animals, and on their conservation.	mukai.takahiko.k0*f.gifu-u.ac.jp	<a href="https://www1.gifu-u.ac.jp/~tmukai/">https://www1.gifu-u.ac.jp/~tmukai/</a>
Professor <b>MURAOKA, Hiroyuki</b>	Plant and ecosystem physiological ecology	Light acquisition and utilization of vascular plants Plant growth and light environment in forest ecosystems Ecophysiological process in terrestrial ecosystem carbon cycle	muraoka.hiroyuki.y6*f.gifu-u.ac.jp	<a href="https://www.green.gifu-u.ac.jp/~muraokalab/">https://www.green.gifu-u.ac.jp/~muraokalab/</a>
Associate Professor <b>MORIBE, Junji</b>	Wildlife Resources	Natural History of Wildlife Resource Management of Wildlife Development of Transfer Systems using LPWA	moribe.junji.g0*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/jmoribe/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/jmoribe/</a>
Professor <b>NISHIMURA, Shin-ichi</b>	Agricultural Structures and Environment Engineering	Safety and effective use of agricultural structures for water supply	nishimura.shinichi.s1*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hshimizu/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hshimizu/</a>
Associate Professor <b>NISHIYAMA, Tatsuro</b>	Mechanics for Agricultural Dams	Estimation of strength of rock foundations for dam safety	nishiyama.tatsuro.k6*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hshimizu/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/hshimizu/</a>
Professor <b>OHTSUKA, Toshiyuki</b>	Ecosystem ecology	Carbon and nitrogen cycle in forest ecosystems Community structure and ecosystem function Mangrove ecosystems	ohtsuka.toshiyuki.p9*f.gifu-u.ac.jp	<a href="https://www.green.gifu-u.ac.jp/~ohotsuka_lab/top.html">https://www.green.gifu-u.ac.jp/~ohotsuka_lab/top.html</a>
Associate Professor <b>OKAMOTO, Tomoko</b>	Chemical Ecology	Insect pheromone Research Role of plant volatiles in plant-animal interaction Speciation mechanisms	okamoto.tomoko.e2*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/insectecology/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/insectecology/</a>
Professor <b>ONISHI, Takeo</b>	Hydrology	Understanding water / material / heat dynamics from head water to ocean. Based on this knowledge, how to solve water and soil related environmental problems will be explored	onishi.takeo.k7*f.gifu-u.ac.jp	<a href="https://hydro-takeon.jp/">https://hydro-takeon.jp/</a>
Associate Professor <b>SAITOH, Taku</b>	Environmental biophysics	Study on carbon, water and heat cycles in terrestrial ecosystems based on field measurements and ecosystem modelling	saitoh.taku.k0*f.gifu-u.ac.jp	<a href="https://www.green.gifu-u.ac.jp/~taku/Laboratory/html">https://www.green.gifu-u.ac.jp/~taku/Laboratory/html</a>
Professor <b>TSUCHIDA, Kozi</b>	Insect Ecology	Colony and population structures of social insects Genetic population structures of insects in the wild	tsuchida.kozi.v4*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/insectecology/">https://www.abios.gifu-u.ac.jp/education-member/agriculture-environment/insectecology/</a>
Associate Professor <b>Wei Yongfen</b>	Environmental monitoring	Monitoring and assessment of Nitrogen, Carbon and environmental pollutants in natural environment (forest, agricultural land and water systems)	wei.yongfen.j3*f.gifu-u.ac.jp	<a href="https://researchmap.jp/2071">https://researchmap.jp/2071</a>

【International Joint Department of Food Science and Technology between Indian Institute of Technology Guwahati and Gifu University】

Food Science and Technology Division

Name	Research Field	Research Topics	Mail Address (Please change '*' to '@')	Official Web Site
Professor <b>EBIHARA, Akio</b>	Enzyme Science	Protein structure-function relationships in blood regulation systems. Development of biosensor for early markers of diabetic complications; Integrated structural and evolutional study with highly accurate protein structure prediction ( <i>loc. Alaka, Patal</i> )	ebihara.akio.v9*f.gifu-u.ac.jp	<a href="https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/">https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/</a>

Faculty members with "JD" of each department also teach for JD program (International Joint Department of Food Science and Technology between Indian Institute of Technology Guwahati and Gifu University)