

Molecular Life Science Division

Name	Research Field	Research Topics	E-Mail Address (Please change f*J to f@J)	Official Web Site	
Professor ANDO, Hiromune	Carbohydrate- Oriented Life Science	Chemical Syntheses of Natural Glycoconjugates Creation of Versatile Carbohydrate Probes	hando@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kassell/index-e.html	
Professor ISHIDA, Hideharu	Bioactive Materials Science	Chemical biology on bioactive glycoconjugates Chemical biology on bioactive lipids	ishida@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kassell/index-e.html	JD
Associate Professor IMAMURA, Akihiro	Applied Carbohydrate Chemistry	Chemical Syntheses of Biologically-relevant Glycans Development of Novel Glycosylation Methods	aimamura@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kassell/index-e.html	JD
Associate Professor IWAMA, Tomonori	Microbial Biochemistry	Structure and function of bacterial chemoreceptor	iwamatom@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/h1884/	
Professor UENO, Yoshihito	Nucleic Acid Chemistry	Design and chemical synthesis of functional nucleic acids for gene therapy and genetic diagnosis	uenoy@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~biochem/	JD
Professor EBIHARA, Akio	Enzyme Science	Protein structure-function relationships in blood regulation systems; Development of biosensor for early markers of diabetic complications; Integrated structural and evolutionary study with highly accurate protein structure prediction (eg. AlphaFold)	aebihara@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/	JD
Professor KIZUKA, Yasuhiko	Glycobiology	Biochemical analysis of physiological and pathological functions of mammalian glycans	kizuka@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kizuka_2/	JD
Assistant professor KOMURA, Naoko	Glycoconjugate Chemistry	Chemical synthesis and chemical biology of glycans	komura@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kassell/index-e.html	
Associate Professor SHIMADA, Atsuhiko	Enzyme Science	Structure-based understanding the chemical reaction mechanism driven by enzymes	ashima@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/sbk/	
Professor SUZUKI, Kenichi	Cell Biophysics	Studies on cell membrane structures and signal transduction by single-molecule imaging	kgsuzuki@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~single/	
Associate Professor SUZUKI, Shiro	Biomass Metabolism & Chemistry	Research of the chemical structures, biosyntheses, metabolisms, and value-added use of plant biomass	shiro_s@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/biomass/	JD
Assistant professor TANAKA, Hidenori	Bio-related chemistry	Development of synthetic methods for oligosaccharides and nucleic acid-like biomolecules	htanaka@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~kassell/index-e.html	
Professor NAKAGAWA, Tsutomu	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@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/	
Associate Professor NAKAMURA, Kohei	Molecular Microbial Ecology	Syntrophic methanogenesis Prokaryotic diversity on anaerobic metabolism in carbon cycle	knak2007@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~nak2003/index-j.html	
Assistant Professor HASHIMOTO, Misuzu	Animal Biochemistry	Study on the mechanisms of brain development and function by analysis of genetically modified mice.	misuzu3@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/nakagawa/	
Professor YANASE, Emiko	Bio-organic Chemistry	Isolation, structure determination and synthesis of Natural products	e-yanase@gifu-u.ac.jp	https://www1.gifu-u.ac.jp/~biochem/	JD
Assistant Professor YAMAUCHI, Kosei	Natural Products Chemistry	Isolation and identification of ingredients from natural products Investigation of physiological activity of ingredients in animal cells	kosei_y@gifu-u.ac.jp	https://www.abios.gifu-u.ac.jp/education-member/lifescience/mitunaga/	JD

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