

# Research content

Information is current as of as of April 1, 2026

	Position	Name	course	Research content	E-mail
1	Prof.	ASADA Chikako	Department of Applied Life Science	Study on efficient bioengineering conversion system of biomass	asada.c@tokushima-u.ac.jp
2	Prof.	UTO Yoshihiro	Department of Applied Life Science	Study on medicinal chemistry of anticancer drugs based on tumor implanted chick embryo	uto.yoshihiro@tokushima-u.ac.jp
3	Prof.	TABATA Atsushi	Department of Applied Life Science	Investigation for microbial functional materials and their application	tabata@tokushima-u.ac.jp
4	Prof.	MATSUKI Hitoshi	Department of Applied Life Science	Biophysicochemical study on aggregate systems of amphiphilic molecules	matsuki@tokushima-u.ac.jp
5	Prof.	YAMAMOTO Kei	Department of Applied Life Science	Study of bioactive lipid network in health and disease	kei@tokushima-u.ac.jp
6	Asoc.Prof.	ONITSUKA Masayoshi	Department of Applied Life Science	Engineering the mammalian cell platform for the production of biologics	onitsuka@tokushima-u.ac.jp
7	Asoc.Prof.	KISHIMOTO Koji	Department of Applied Life Science	Unraveling the survival mechanisms of cancer stem cells for innovative therapeutic strategies	kkishim1@tokushima-u.ac.jp
8	Asoc.Prof.	GOTO Masaki	Department of Applied Life Science	Study on physical properties of lipid nano particles under high pressure	goto@tokushima-u.ac.jp
9	Asoc.Prof.	SHIRAI Akihiro	Department of Applied Life Science	Construction of the technology of antimicrobial intervention based on photoreaction	a.shirai@tokushima-u.ac.jp
10	Asoc.Prof.	TAMAI Nobutake	Department of Applied Life Science	Physicochemical study on structure and properties of lipid membranes	tamai@tokushima-u.ac.jp
11	Asoc.Prof.	TOMOYASU Toshifumi	Department of Applied Life Science	Study on survival strategies of microorganisms in the host and environment	tomoyasu.bio@tokushima-u.ac.jp
12	Asoc.Prof.	YAMADA Hisatsugu	Department of Applied Life Science	Creation of new chemical probes for explaining in vivo chemical biology	yamada.hisatsugu@tokushima-u.ac.jp
13	Prof.	ENOMOTO Hirofumi	Department of Food Bioscience	Application of mass spectrometry imaging to research in food science	enomoto.hirofumi@tokushima-u.ac.jp
14	Prof.	SAKURADANI Eiji	Department of Food Bioscience	Study on useful material production using microbial conversion and fermentation	sakuradani.eiji@tokushima-u.ac.jp
15	Prof.	TAI Akihiro	Department of Food Bioscience	Research and development of bioactive products from foods and related materials	atai@tokushima-u.ac.jp
16	Prof.	TANAKA Tamotsu	Department of Food Bioscience	Study on functional lipids for development of food supplements and medicines	tanaka.tamotsu@tokushima-u.ac.jp
17	Asoc.Prof.	AKAMATSU Tetsuya	Department of Food Bioscience	Study on the salivary gland development, differentiation, regeneration, and expression of its function	akamatsu_t@tokushima-u.ac.jp
18	Asoc.Prof.	KAWAKAMI Ryushi	Department of Food Bioscience	Function, structure and application of enzymes from extremophiles	kawakami@tokushima-u.ac.jp
19	Asoc.Prof.	SASAKI Chizuru	Department of Food Bioscience	Study on production of useful chemicals from unutilized natural resources	chizurusasaki@tokushima-u.ac.jp
20	Asoc.Prof.	MUKAI Rie	Department of Food Bioscience	Research on health promotion by functional food	rmukai@tokushima-u.ac.jp
21	Senior Lecturer	AIHARA Mutumi	Department of Food Bioscience	Study on food hygiene and food microbiology	aiharam@tokushima-u.ac.jp
22	Senior Lecturer	SAKAMOTO Takaiku	Department of Food Bioscience	Metabolic engineering of microorganisms using molecular breeding	sakamoto.takaiku@tokushima-u.ac.jp
23	Senior Lecturer	HAYASHI Junji	Department of Food Bioscience	Creation of artificial enzyme by protein engineering method	j.hayashi@tokushima-u.ac.jp

	Position	Name	course	Research content	E-mail
24	Prof.	OSAKABE Keishi	Department of Agrobioscience	Studies on plant genetic engineering and molecular breeding	kosakabe@tokushima-u.ac.jp
25	Prof.	TANIHARA Fuminori	Department of Agrobioscience	Research on reproductive technology and gene modification of animals	tanihara@tokushima-u.ac.jp
26	Prof.	NAKAZAWA Yoshihisa	Department of Agrobioscience	Research and social implementation for Bioeconomy	nakazawa@tokushima-u.ac.jp
27	Prof.	HATTORI Takehumi ※	Department of Agrobioscience	Elucidation of metabolism in forest microorganisms toward putting high added value on forest products	thattori@tokushima-u.ac.jp
28	Prof.	HIRATA Maki	Department of Agrobioscience	Study on efficient and sustainable animal production systems	mhirata@tokushima-u.ac.jp
29	Prof.	MITO Taro	Department of Agrobioscience	Study on insect genome function and utilization of insects as a food resource	mito.taro@tokushima-u.ac.jp
30	Asoc.Prof.	ISHIMARU Yoshiyasu	Department of Agrobioscience	Study on mechanisms of development, regeneration and biological aging of insects	y-ishimaru@tokushima-u.ac.jp
31	Asoc.Prof.	OKA Naohiro	Department of Agrobioscience	Elucidation of biosynthetic mechanism of useful compounds from Forest plants and effective utilization of those compounds	oka.naohiro@tokushima-u.ac.jp
32	Asoc.Prof.	SATOH Masaya ※	Department of Agrobioscience	Research on plant protection and landscaping design	satoh.masaya@tokushima-u.ac.jp
33	Asoc.Prof.	NAOSHI Hashimoto	Department of Agrobioscience	Socio-economic Research on Issues of Regional Agriculture	hashimoto.naoshi@tokushima-u.ac.jp
34	Asoc.Prof.	MIYAWAKI Katsuyuki	Department of Agrobioscience	Study on environmental control in biology and their application in plant cultivation technology	miyawaki.katsuyuki.1@tokushima-u.ac.jp
35	Asoc.Prof.	YAMASHIRO Tadasu	Department of Agrobioscience	Taxonomy, ecology, and conservation on wild flowering plants	tyamash@tokushima-u.ac.jp
36	Asoc.Prof.	YAMADA Kohji	Department of Agrobioscience	Analysis of molecular mechanisms of establishment of plant-pathogen interactions	yamada.kohji@tokushima-u.ac.jp
37	Asoc.Prof.	YAMAMURA Masaomi	Department of Agrobioscience	Elucidation of biosynthetic mechanism of useful compounds from Forest plants and effective utilization of those compounds	yamamura.masaomi@tokushima-u.ac.jp
38	Specially appointed Asoc. Prof.	NAGAHARA Megumi	Department of Agrobioscience	Research on reproduction of livestock animals	nagahara@tokushima-u.ac.jp
39	Senior Lecturer	HARUNA Matsuda	Department of Agrobioscience	Taxonomy and conservation biology of land snails	matsudah@tokushima-u.ac.jp
40	Senior Lecturer	WATANABE Takahito	Department of Agrobioscience	Research on Applied Use of Valuable Insects	watanabe.takahito@tokushima-u.ac.jp

※March.31.2028 Retirement