

# Research content

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

	Position	Name	course	Research content	E-mail
25	Prof.	OSAKABE Keishi	Department of Agrobioscience	Studies on plant genetic engineering and molecular breeding	<a href="mailto:kosakabe@tokushima-u.ac.jp">kosakabe@tokushima-u.ac.jp</a>
26	Prof.	OTOI Takeshige※	Department of Agrobioscience	Study on genetically modified animals by reproductive biotechnology	<a href="mailto:otoi@tokushima-u.ac.jp">otoi@tokushima-u.ac.jp</a>
27	Prof.	TAKEMOTO Tatsuya	Department of Agrobioscience	Study on cell fate decisions during early embryogenesis	<a href="mailto:takemoto.tatsuya@tokushima-u.ac.jp">takemoto.tatsuya@tokushima-u.ac.jp</a>
28	Prof.	NAKAZAWA Yoshihisa	Department of Agrobioscience	Research and social implementation for Bioeconomy	<a href="mailto:nakazawa@tokushima-u.ac.jp">nakazawa@tokushima-u.ac.jp</a>
29	Prof.	HATTORI Takehumi	Department of Agrobioscience	Elucidation of metabolism in forest microorganisms toward putting high added value on forest products	<a href="mailto:thattori@tokushima-u.ac.jp">thattori@tokushima-u.ac.jp</a>
31	Prof.	MITO Taro	Department of Agrobioscience	Study on insect genome function and utilization of insects as a food resource	<a href="mailto:mito.taro@tokushima-u.ac.jp">mito.taro@tokushima-u.ac.jp</a>
32	Prof.	MORIMATSU Fumiki	Department of Agrobioscience	Research and development of animal production system and utilization of livestock products	<a href="mailto:fmorimat@tokushima-u.ac.jp">fmorimat@tokushima-u.ac.jp</a>
33	Asoc.Prof.	OKA Naohiro	Department of Agrobioscience	Elucidation of biosynthetic mechanism of useful compounds from Forest plants and effective utilization of those compounds	<a href="mailto:oka.naohiro@tokushima-u.ac.jp">oka.naohiro@tokushima-u.ac.jp</a>
34	Asoc.Prof.	SATOH Masaya	Department of Agrobioscience	Research on plant protection and landscaping design	<a href="mailto:satoh.masaya@tokushima-u.ac.jp">satoh.masaya@tokushima-u.ac.jp</a>
35	Asoc.Prof.	HIRATA Maki	Department of Agrobioscience	Study on efficient and sustainable animal production systems	<a href="mailto:mhirata@tokushima-u.ac.jp">mhirata@tokushima-u.ac.jp</a>
36	Asoc.Prof.	MIYAWAKI Katsuyuki	Department of Agrobioscience	Study on environmental control in biology and their application in plant cultivation technology	<a href="mailto:miyawaki.katsuyuki.1@tokushima-u.ac.jp">miyawaki.katsuyuki.1@tokushima-u.ac.jp</a>
37	Asoc.Prof.	YAMASHIRO Tadasi	Department of Agrobioscience	Taxonomy, ecology, and conservation on wild flowering plants	<a href="mailto:tyamash@tokushima-u.ac.jp">tyamash@tokushima-u.ac.jp</a>
38	Asoc.Prof.	YAMADA Kouji	Department of Agrobioscience	Analysis of molecular mechanisms of establishment of plant-pathogen interactions	<a href="mailto:yamada.kohji@tokushima-u.ac.jp">yamada.kohji@tokushima-u.ac.jp</a>
39	Asoc.Prof.	YAMAMURA Masaomi	Department of Agrobioscience	Elucidation of biosynthetic mechanism of useful compounds from Forest plants and effective utilization of those compounds	<a href="mailto:yamamura.masaomi@tokushima-u.ac.jp">yamamura.masaomi@tokushima-u.ac.jp</a>
40	Senior Lecturer	ISHIMARU Yoshiyasu	Department of Agrobioscience	Study on mechanisms of development, regeneration and biological aging of insects	<a href="mailto:y-ishimaru@tokushima-u.ac.jp">y-ishimaru@tokushima-u.ac.jp</a>
41	Senior Lecturer	NAOSHI Hashimoto	Department of Agrobioscience	Socio-economic Research on Issues of Regional Agriculture	<a href="mailto:hashimoto.naoshi@tokushima-u.ac.jp">hashimoto.naoshi@tokushima-u.ac.jp</a>
42	Senior Lecturer	HARUNA Matsuda	Department of Agrobioscience	Taxonomy and conservation biology of land snails	<a href="mailto:matsudah@tokushima-u.ac.jp">matsudah@tokushima-u.ac.jp</a>
43	Senior Lecturer	WATANABE Takahito	Department of Agrobioscience	Research on Applied Use of Valuable Insects	<a href="mailto:watanabe.takahito@tokushima-u.ac.jp">watanabe.takahito@tokushima-u.ac.jp</a>

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