

UGSAS-GU NEWSLETTER

The United Graduate School of Agricultural Science, Gifu University

January to December, 2019

The 7th International Roundtable Meeting (October 8)

The United Graduate School of Agricultural Science (UGSAS: PhD course) held "The 7th UGSAS-GU Roundtable" with the attendance of IC-GU 12* member universities on October 8, 2019. On following October 9 and 10, UGSAS hosted "The 7th UGSAS-GU International Symposium on a New Era in Food Science and Technology 2019" to introduce activities of young researchers (UGSAS alumni) at their respective research institutes and organizations overseas. Both events were held at the UGSAS building on campus. On October 8, approximately twenty academic staff (including those who serve as liaisons) from seven member universities discussed the progress and challenges of double PhD degree programs, current status and future outlook of joint laboratory operations between UGSAS and the member universities.

***IC-GU12:** International Consortium of Universities in South and Southeast Asia for the Doctoral Education in Agricultural Science and Biotechnology", which was created at the initiative of Gifu University.



The 7th Roundtable

Food Science and Technology International Symposium (October 9-10)

For two days from October 9 to 10, a total of 147 people attended "The 7th UGSAS-GU International Symposium on a New Era in Food Science and Technology 2019." Under the theme of science and technology development in time of changing needs of people for food, four international researchers delivered a keynote speech, which was followed by sixteen researchers' presentations.

In the afternoon of October 10, "Student Poster Session" was co-hosted between Gifu University Rearing Program for Basin Water Environmental Leaders, and the Indian Institute of Technology, Guwahati (IITG). Thirty-four students out of 51 participants made their poster presentations, of them, seven students were awarded the best poster prize for 2019. As a part of Gifu University 70th anniversary events, both the roundtable and the symposium were held concurrently with the "Gifu Joint Degree Symposium 2019" (October 7 and 8) organized by Gifu University Organization for Promotion of Globalization (GU-GLOCAL). In addition, on October 9 and 10, "The 4th International Joint Meeting of Advanced Global Program in Conjunction" was hosted by the Faculty of Engineering in parallel with the roundtable and symposium. Dr. Gary D. Christian from University of Washington was invited to speak at the special open lecture as a guest speaker.



The 10th International Symposium

MESSAGE from DEAN

Welcome to the 8th issue of UGSAS-GU Newsletter, I would like to introduce the great progress in the international collaborative research and education in the last year, 2019. First of all, the major chair of the International Joint PhD Program in Food Science and Technology between Gifu University and Indian Institute of Technology Guwahati (IITG) launched in April, 2019, with two students enrolled at the IITG home school. In addition, two important events were organized as commemorative memorial projects for the 70th anniversary of Gifu University. First, we held the international research symposium on food science titled "The International Symposium on a New Era in Food Science and Technology 2019" on 9th to 10th 2019 in the campus of Gifu University. Second, on 18th to 19th November, we co-hosted the international symposium titled "Climate Change: The Risk to Sustainability and Environmental Issues" at Gadjah Mada University in Indonesia, with Sebelas Maret University. Through these two international events, the research network among the young lecturers of UGSAS-GU and alumnus/alumna who are active in academia, has been promoted. Such activities have been making steady results and this fiscal year we were able to accept excellent entrants of 21 students (of which 13 were international students). In this issue, we will introduce such unique activities to everyone who is active in Japan and overseas. I would be pleased if you give any valuable comments on the new development towards globalization.

**Masateru Senge, PhD
Dean**



The 4th International Conference on Climate Change (ICCC) (November 18-19)

On November 18 to 19, UGSAS held an international conference entitled "Climate Change: The Risk to Sustainability and Environmental Issues" in collaboration with Sebelas Maret University, Gadjah Mada University and Ikatan Ahli Lingkungan Hidup Indonesia (IALHI). Dr. Komariah of Sebelas Maret University has served a chairman consecutively. From Gifu University, 7 delegates attended the conference. Dr. Fumiaki Suzuki Vice President, Executive Director for International Affairs and Public Relations, gave a welcome speech at the opening ceremony. In the main conference, prof. Senge delivered a keynote speech titled, "Climate Change Impact on Irrigation." He spoke about possible effects on irrigation by climate change. His



speech was followed by presentations on possible impacts by climate change and countermeasures given by the following guest speakers: Prof. Md. Abdul Mojib from Bangladesh Agricultural University (Bangladesh), Assoc. Prof. Nguyen Thu Hien from Thuyloi University (Vietnam). A total of 125 people attended the conference. The outcomes of the 4th ICCC will be edited into academic papers. Already 62 papers finished peer reviews, and are scheduled to be posted on the internet and registered by Scopus* around January 2020. We hope that achievements of the ICCC will help researchers and engineers around the world advance their research on climate change for the future.

* Scopus is Elsevier's abstract and citation database launched in 2004

Completion Ceremony March 13 & September 20

The number of students who received the doctoral diploma from March to Dec. 2019 are as follows;

March: 14 students (10 intel. Students included)

June.: 1 student (0)

Sep.: 4 students (3)



Entrance Ceremony April 12 & October 4

UGSAS welcomed new students at the ceremony, and the number of students enrolled are as follows;

April: 15 students (7 intel. Students included)

Oct.: 6 students (6)

IC-GU12 Information

• November 19 Public Lecture 2019 was held in Universitas Muhammadiyah Yogyakarta (Indonesia)



WINNER LIST 2019

Hiroto Yamashita, Tomoki Uchida, Hideyuki Katai, Lina Kawaguchi, Atsushi J. Nagano, Akio Mori, Takashi Ikka (2019). Genetic dissection of major functional chemical components in young shoots of tea accessions. The 24th Shizuoka Forum on Health and Longevity. Poster Presentation Award.

Akash Chandela, Yoshihito Ueno (2018). Augmented nuclease resistance and gene silencing with 3'-end modified small interfering RNAs. 06th Asian Network for Natural and Unnatural Materials (ANNUM VI). Best Poster Award.

Raj Kishan Agrahari, Ayan Sadhukhan, **Yuki Nakano**, Satoshi Iuchi, Masatomo Kobayashi, Sanjib Kumar Panda, Yuriko Kobayashi, Hiroyuki Koyama (2018). Expression GWAS-An approach for understanding the ALS3 Signal Transduction Mechanism. International Symposium on Animal Production and conservation. UGSAS & BWEL joint poster session. Best Presenter Award.

Yolani Syaputri (2018). Bacteriocin (protein) of *Lactobacillus plantarum* from Fermented Tea. 3Minutes Speech Competition 2018, Hiroshima University. Kyowa Hakko Bio Award.