



Nurture of Creative Research Leaders
in Immune System
Regulation and Innovative Therapeutics

NEWS LETTER



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2017 spring



LGS
LEADING GRADUATE SCHOOL
AT CHIBA UNIVERSITY

3rd LGS Winter Camp

LGS 3rd Year Member Takuya Nakagawa

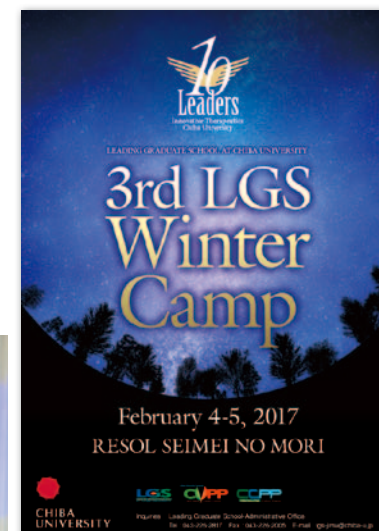
We held the "3rd LGS Winter Camp" in RESOL SEIMEI NO MORI, Chiba from February 4 through 5, 2017. This was the third event that students made business plans to present their ideas on a medical theme. In addition to that, invited speakers from successful medical venture company, Mr. Goichiro Toyoda who is co-CEO of Medley Inc, gave lectures on what it is like starting and running a business.

This year's presentation theme was "The medical business that is feasible in the near future," which was more realistic than the past two themes: "Health promotion in 2020" and "Novel strategies against infectious diseases in 2050." Students worked so hard to prepare for the business plans in between their daily duties.

On the first day of the Camp, each team made a poster and booth session about the outline of each business plan, followed by Q & A. Then, each team made improvements in the plan based on suggestions by other students, professors and invited speakers.

On the second day, all teams made presentations about their revised plans. Although all teams were fantastic, "KASA Nichiten Koushi" that suggested the gastric anastomosis device assisted with GF won the first prize. In the future, we will consider how to translate these business plans into real business.

Leading Graduate Students could boost each other up by talking about not only the therapeutics of the medical and pharmaceutical fields, but also the future and the vision of global leaders. We also learned the importance of teamwork to create good ideas. As I believe the interaction in this Camp may contribute to our progression and development, I hope we can hand over the mission and activities of the Camp to the next.



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The Third Summer School at Charité University Medicine, Berlin

LGS 4th year Member Min Ma

It was a very good opportunity for me to participate in the 3rd summer school co-held by Charité University Medicine, Berlin and Chiba University. The lectures were held for four days from September 19, 2016. The theme of the summer school was "Global health and local knowledge."

Seasoned professional experts in their fields gave us notable lectures. In the lecture by Professor Stuart Blume from University of Amsterdam, "Local and other Knowledge," we discussed the following topics: 1) whether local experience-based knowledge is equal to evidence-based science; 2) whether local knowledge is under control; and 3) what makes us understand the role of cultural knowledge in global health? Dr. Gamhewage, who leads the WHO emergency programme, talked about "New social media and global health." Her presentation impressed all participants, and her passion for medical research strongly made me feel the meaningfulness of science. During the working session, we were divided into eight groups to do cooperative work, and gave presentations on a risk assessment from different perspectives. I was stimulated by other participants' sincere attitude towards science and keenly felt a responsibility as a researcher. The lectures at Charité University broadened my views on science.



Overseas Training at International Organizations in Geneva

LGS 4th year Member Wakako Kuribayashi

I took part in the study tour of international organizations such as World Health Organization (WHO) from September 27 to 29, 2016. This study tour took place in Geneva, Switzerland.

During this study tour, I visited WHO, International Organization for Migration (IOM), and International Federation of Red Cross and Red Crescent Societies (IFRC), Permanent Mission of Japan to the International Organizations in Geneva to take courses. Additionally, those who work in WHO, International Labour Organization (ILO), United Nations Environment Programme (UNEP), and International Telecommunication Union (ITU), and Junior Professional Officers talked about their experiences. On the final day, I joined the tour of United Nations Office at Geneva (UNOG) and saw the international conference.

I came to realize I want to do my research internationally. Through this study tour, I learned two important abilities to conduct international research. The first ability is expert knowledge about my research. The second ability is communication with other experts in many fields. As we know, the international organizations are needed to do something that a country cannot do alone. Indeed, I need not only my expertise but also helps from others to expand my research. I will do my research in a way my coworkers and I can promote mutual development.



Upen completion of Leading Graduate School Program



Togo IWAHANA

LGS 1st Year Member

I have spent a lot of time and discussed with many motivated researchers in other areas or from other backgrounds. Overseas training programs broadened my perspective. After graduating, I would like to be engaged in studies of therapeutics for advanced heart failure, and show leadership in clinical fields.



Takumi KITAMOTO

LGS 1st Year Member

I really appreciate my colleagues whom I have met through the leading program, although I have rarely participated in the non-obligatory events. I will surely keep on researching to be a leading physician scientist.



Md Murshed Hasan SARKAR

LGS 1st Year Member

I feel proud to be a part of the Chiba University Leading Graduate School Program. In this program, I learned lots of lessons from different branches of sciences. I also had good experience in the lectures of Advanced General Education by a number of leaders from several distinct fields. I had participated overseas training in some world well-known institutes like National Institute of Health (NIH) and World Health Organization (WHO). Combining all the experiences I got in this program, I feel the Chiba University Leading Graduate School Program is a very rewarding program. I believe it broadens my outlook about my future and it will guide me to become a successful leader in future.



Kenichi SAKAMOTO

LGS 1st Year Member

Through this program, I received many stimuli. In particular, much advice directly received from global research leaders who were internationally active made a breakthrough in my research. I will continue to make efforts to develop the precious experience gained through the program in the future.



Takahiro KAGEYAMA

LGS 1st Year Member

Through the leading program, I gained an introduction to various fields. Training abroad, such as San Diego and Berlin, was an important experience to broaden my horizons. Also, I feel that the people whom I met through this program became valuable assets.



Yoshihiro KURATA

LGS 1st Year Member

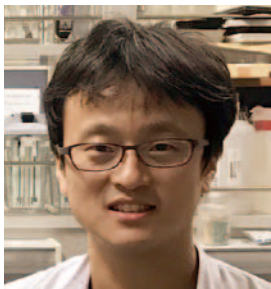
I have belonged to the Leading graduate school program of Chiba University for four years and will reach completion this time. I worked at an outside Hospital for one year, but was able to spend the remaining three years with the classmates of other fields. I want to make use of the connection with people whom I would not have been able to know if I had only worked as a surgeon.



Shunpei SATOH

LGS 1st Year Member

The tight connections among the LGS students will in future bring Breakthroughs beyond fields' boundaries. By that time I will continue to make efforts to be a top researcher in the field of pediatric cancer.

**Yuki HAGA****LGS 1st Year Member**

I had a lot of opportunities to learn not only basic research but also clinical studies. I could expand my network of contacts through the LGS program. In particular, students enrolled for the year 2013 were very stimulating. The contacts I made with them became valuable assets for me.

**Hiroki MASUDA****LGS 1st Year Member**

Experience of the dissertation defense with a native speaker of English built my confidence. With the knowledge and experience gained in this program, I would like to contribute to advances in medicine.

**Yuki MORIMOTO****LGS 1st Year Member**

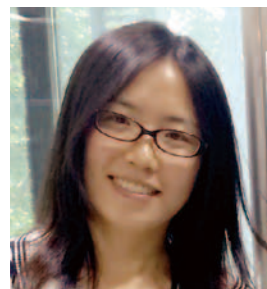
In LGS program, I could obtain 3 F's. The 3 F's are "Flexibility", "Frontier Spirit" and "Feasibility". In addition, I want to append one more "F" to these F's. It's "Friends". Throughout my life, I decide to cherish these 4 F's, especially last "F".

**Takuya HONDA****LGS 1st Year Member**

By participating in this program, I have developed a strong interest in other fields. I am now able to realize the importance of cross-sectoral perspectives by interacting with students in different fields and listening to lectures and seminars including "Advanced General Education". Thank you for giving me valuable opportunities.

**Mariko MORII****LGS 1st Year Member**

The LGS program at Chiba university made my PhD years more meaningful and productive. I realized the importance of trying something difficult. I'll continue to do my best and challenge myself.

**Nan LIU****LGS 1st Year Member**

From my experiences in the leading program, I have broadened my horizons to various fields, acquiring a broad range of knowledge instead of being limited to a specific field of expertise. In addition, I have improved my ability to communicate in a foreign language, which is important for a researcher. I would like to continue my research with the goal to be a researcher working globally in the future.

**Takeshi YAMAMOTO****LGS 2nd Year Member**

I have had the opportunity to study basic science due to joining the LGS program. I want to be a physician-scientist in the pediatric field who will try to develop new therapeutics and prophylaxis and always be with patients.

**Miaki UZU****LGS 2nd Year Member**

I gave an English presentation for the oral defense of dissertation last month to finish the program. In that presentation, I was able to express my thoughts well, which can be attributed to the intensive English practice through lectures and internships. I will keep studying and working hard to become a future global leader.

Oversea Training 2016 (La Jolla, San Diego, USA)

LGS 3rd year member Takeshi Susukida

In this training, we visited the following companies: (1) Tanabe Research Laboratories U.S.A., Inc., a subsidiary of Mitsubishi Tanabe Pharma Corporation; (2) Kyowa Kirin Pharmaceutical Research, Inc., a wholly-owned subsidiary of Kyowa Hakko Kirin of Japan; (3) La Jolla Institute for Allergy & Immunology, a non-profit biomedical research institution; (4) BioLegend, a global developer and manufacturer of antibodies and reagents used in biomedical research; and (5) Abwiz Bio, Inc., a company founded by two Japanese scientists where they leverage the power of state-of-the-art recombinant antibody technologies to develop better antibody-based research tools, diagnostics, and therapeutics.

At each institute, lectures about the most up-to-date drug development and research of antibody-drugs were provided; and we took tours of laboratories and facilities to understand how these drug development projects actually progress. Through this training, we were able to learn about the differences of work styles and values toward the research between the United States and Japan.

As this training also provided me with an opportunity to see the research environments in the United States with my own eyes, I am now able to compare the research and development levels of two countries. Thanks to this training, I have come to consider whether I should apply for a post-doc position in the United States or not.

I am convinced that this training was the best opportunity for me to reconsider my own career plan.



At Tanabe Research Laboratories

Dissertation defense

LGS 2nd year member Takeshi Yamamoto

This January, I gave a dissertation defense to the committee: three Japanese professors and Dr. Mark Bix of the Department of Innovative Therapeutics. In order to obtain the certificate of LGS program completion, LGS students have to present our research findings in English to show our English ability as well.

Through this experience, I could realize my own growth. Much to my surprise, I could prepare the presentation slide and manuscript for dissertation defense without difficulty. I credit it to meaningful lectures including medical lectures and presentation seminars in English that LGS program provided. Furthermore, I became able to discuss with others in my own words thanks to many experiences such as LGS seminars, RIKEN summer program and overseas training.

During the defense, I could present my research with confidence due to the hard work in practicing a smooth and persuasive presentation. In the question and answer session, there were some difficult questions to answer, but somehow I managed to give the committee satisfactory replies. This whole process from preparation to presentation was the most rewarding experience to improve myself.

Finally, through the dissertation defense, I realized again the pleasure of introducing my research and discussing with many researchers. I am convinced this experience improved me and will contribute to my future research and work in many ways.

