

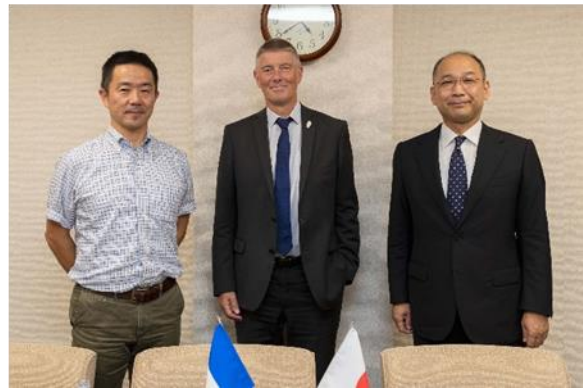
## President of Institut Pasteur visited IMSUT

September 30, 2019

List of visitors:

Prof. Stewart Cole (President of the Institut Pasteur)

Professor Stewart Cole, President of the Institut Pasteur visited IMSUT on Sep.30. This was his first visit since he was appointed as the president of Institut Pasteur in January 2018. After Dean Yamanashi presented an overview of IMSUT and its initiatives to President Cole, Dean Yamanashi, President Cole and Prof. Ishii discussed about the current status and future prospects regarding the joint immunology research unit promoted by both institutes, and also ways to further enhance exchange between IMSUT and Institut Pasteur.



## Dean of College of Graduate Studies, Arabian Gulf University and others visited IMSUT

March 1, 2019

List of visitors:

Prof. Mohamed Dahmani Fath Allah (Dean of College of Graduate Studies, Arabian Gulf University)

Dr. Toru Tanaka (SBI Pharmaceuticals Co., Ltd, CTO)

Dr. Motoo Nakajima (SBI Pharmaceuticals Co., Ltd, CTO)

Dr. Satoshi Kawata (Neo Pharma Japan Co., Ltd, Representative Director)

Professor Mohamed Dahmani Fath Allah, Dean of College of Graduate Studies, Arabian Gulf University visited IMSUT, together with Dr. Toru Tanaka (CTO of SBI Pharmaceuticals Co., Ltd), Dr. Masao Nakajima (CSO of SBI Pharmaceuticals Co., Ltd), Dr. Satoshi Kawata (Representative Director of Neo Pharma Japan Co., Ltd), and he described medical care in Bahrain and the current state of medical research at Arabian Gulf University to Dean Yoshinori Murakami and Project Professor Kenzaburo Tani. After explaining the outline of IMSUT by Dean Murakami to Prof. Fath Allah who visits for the first time to IMSUT, they discussed about renewal of the international academic exchange and future exchange prospect. Visitor group took a faculty tour of Biobank Japan, and received explanation by Project Professor Takayuki Morisaki about the system and its operation.



"The UTokyo NY Conference 2018" in New York"

"The UTokyo NY Conference 2018" hosted by the University of Tokyo New York office, Inc., and co-hosted by the Institute of Medical Science and Institute of Industrial Science, was held at the Nippon Club Tower in New York on Saturday, November 3, 2018. Many people came from universities and research institutions in the United States, and companies and organizations in various fields to attend this conference.

The conference opened with opening remarks by Prof. Yoshinori Murakami, Dean of IMSUT and Dr. Yuichiro Kuwama, Vice President of the UTokyo NY office, followed by the introduction of each institute by Dean Murakami (IMSUT), and Deputy Director Katsuyuki Fukutani (IIS).

At the lecture, Project Professor Hiroshi Kiyono of IMSUT, talked about the development and clinical application of the next generation oral vaccine (MucoRice) using rice under the title "Rice became a vaccine".

Subsequently, Professor Yuji Yamanashi of IMSUT gave a lecture entitled "Targeting neuromuscular synapses as a new therapeutic approach for muscle weakness and atrophy". This lecture was about the development of a new gene therapy for neuromuscular diseases such as amyotrophic lateral sclerosis (ALS).

In the second part after the break, Professor Thomas Zwaka of Icahn School of Medicine at Mount Sinai gave a lecture entitled "The unreasonable effectiveness of pluripotent stem cells: mechanism and mechanics" highlighting the effectiveness of pluripotent stem cells that has received much attention recently.

Next, Professor Miriam Merad of Icahn School of Medicine at Mount Sinai gave a presentation titled "Harnessing the tumor microenvironment to enhance cancer care"

to introduce the cutting edge data on cancer microenvironment and cancer immunotherapy.

Finally, Project Professor Tadatsugu Taniguchi of IIS,

spoke on "The role of dead cell-derived molecules in the progression of inflammatory disease and cancer: implications for the development of new therapeutic approaches."

His talk focused on the development of new treatments for inflammatory diseases and cancers.

Each lecture greatly stimulated the attendees, and the question and answer time never seemed enough to satisfy the lively exchanges.

Finally, this successful conference was concluded with the closing remarks by the Deputy Director of IIS, Prof. Fukutani.

Many attendees also participated in the reception following the conference, and exchanges were fostered that cross not only research discipline boundaries, but national boundaries as well. Amid such meaningful exchanges, further utilization of the New York office is expected in the future.



« Lecture by Project Prof. Hiroshi Kiyono of IMSUT »

« « Lecture by Prof. Yuji Yamanashi of IMSUT » »



« Lecture by Prof. Thomas Zwaka  
(Icahn School of Medicine at Mount Sinai) »

« Lecture by Prof. Miriam Merad  
(Icahn School of Medicine at Mount Sinai) »





« Lecture by Project Prof. Tadatsugu Taniguchi of IIS »



« Group photo of Speakers and Organizers »

### **Visitors from China Youth Delegation (Sakura Science Plan)**

October 7-13, 2018

From October 7<sup>th</sup> to 13<sup>th</sup>, IMSUT welcomed a delegation of 12 young and promising Chinese researchers who were 9 participants from Institute of Microbiology, Chinese Academy of Sciences and 3 participants from Beijing Institute of Life Science, Chinese Academy of Sciences. Their trip to Japan was funded through the Japan Science and Technology Agency (JST)'s "Japan-Asia Youth Exchange Program in Science (Sakura Science Plan)", which aims to increase opportunities for young Asian researchers to travel to and learn about Japan, and

foster good international relationships in the science field.

First, on the day following their arrival, they visited The National Museum of Emerging Science and Innovation, and realistically felt the latest and technologies such as robot, global environment and space.

On October 9<sup>th</sup>, they visited dean's office to meet with Dean Yoshinori Murakami, Vice dean Yasushi Kawaguchi, Prof. Jun-ichiro Inoue and Project Prof. Mitsue Hayashi, and present themselves each other.

Since then, they went to BioBank Japan, and received a brief introduction to the facility and its operation system from Project Prof. Takayuki Morisaki, and there, they visited the Serum Bank and the Tissue Bank.

From the afternoon, they participated in "IMSUT-CAS Workshop on Infectious Diseases 2018" at IMSUT, and 3 scientists of them made a presentation about their own research field. Workshop were held successfully with more than 80 participants.

In the morning of October 10<sup>th</sup>, they visited Department of Cell Biology and Anatomy, Graduate School of Medicine, The University of Tokyo, then be introduced research field, Cryo-electron microscopy and they exchange views with Prof. Masahide Kikkawa, and inspected the facility, including Cryo-electron microscope.

From the afternoon, they visited the Medical Science Museum and take a brief look at the museum. after then, they visited the supercomputer room, which was explained about the system and its project by Senior Assistant Prof. Rui Yamaguchi.

Then, Associate Prof. Masaki Imai and Assistant Prof. Kiyoko Iwatsuki of Prof. Kawaoka's Lab guide and explained the P3 facilities for them, and they visited MucoRice Cultivation facilities, and received explanation about the facilities by Dr. Koji Kashima.

On November 11<sup>th</sup>, they visited National Institute of Infectious Diseases (NIID) and received introduction of outline-organization, and inspected the AIDS research center. from the afternoon, they participated in the seminar which was held at department of Pathology, and all of them introduced their own research outline, including self-introduction there.

On October 12<sup>th</sup>, they visited Orix Corporation, and received a lecture and exchange their opinion about Orix corporation 's activities in China and future prospects.

At the end of all program, they visited Dr. Aikichi Iwamoto of AMED, and receive a lecture about the relationship and history between China and himself.

IMSUT will continue to promote international exchange and looks forward to a further expansion of friendly and cooperative ties between Japan and China.



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## **Visitors from the China Center for Disease Control and Prevention (China CDC)**

July 10, 2018

List of visitors:

- 3 from National Institute for Viral Disease Control and Prevention, China CDC
- 2 from National Institute for Communicable Disease Control and Prevention, China CDC
- 1 from National Center for AIDS/STD Control and Prevention, China CDC
- 1 from National Institute for Nutrition and Health, China CDC
- 1 from National Institute of Environmental Health, China CDC
- 1 from National immunization program, China CDC
- 1 from Office of Epidemiology, China CDC
- 1 from Office of Science and Technology, China CDC

Eleven young researchers from the China Center for Disease Control and Prevention (China CDC) visited the Institute of Medical Science, The University of Tokyo, (IMSUT). This visit was part of the Japan-Asia Youth Exchange Program in Science (Sakura Science Plan) of the Japan Science and Technology Agency (JST), and was conducted in cooperation with the National Institute of Infectious Diseases (NIID). After learning the history of IMSUT from Prof. Toshio Kitamura in the Medical Science Museum, they received a briefing on the project China-Japan Research Collaboration on Defense against Emerging and Reemerging Infections from Prof. Yasushi Kawaguchi (Vice Dean of IMSUT and Project Director). Then, they toured a BSL-3 laboratory of the Division of Virology, and learned its operation system from Associate Prof. Masaki Imai and Assistant Prof. Kiyoko Iwatsuki-Horimoto. They asked earnest questions about the infectious diseases currently studied at IMSUT.



## **Visitors from the Noguchi Memorial Institute for Medical Research**

June 6, 2018

List of visitors:

Prof. Kwabena Mante Bosompem, Director, Noguchi Memorial Institute for Medical Research, University of Ghana

Dr. Koichi Ishikawa, AIDS Research Center, National Institute of Infectious Diseases

On June 6, 2018, Prof. Kwabena Mante Bosompem, Director of the Noguchi Memorial Institute for Medical Research, University of Ghana and Dr. Koichi Ishikawa from the AIDS Research Center, National Institute of Infectious Diseases visited IMSUT and discussed future prospects for collaborative research with IMSUT Dean, Prof. Yoshinori Murakami, Project Prof. Hiroshi Kiyono and Invited Prof. Tetsuro Matano. Afterwards they visited the Human Genome Center and received an introduction to the supercomputer system and related projects from Associate Prof. Rui Yamaguchi. Next they visited the MucoRice cultivation room and learned the projects underway there from Visiting Researcher Koji Kashima. Although it was a very short visit this time, Dr. Bosompem seemed to be very interested in the supercomputer and eagerly asked questions about it.

## **Visitors from the Chinese Academy of Sciences**

May 18, 2018

List of visitors:

Prof. Ming SUN, Deputy Director, Bureau of Science and Technology Development,  
Chinese Academy of Sciences (CAS)

Ms. Yan ZENG, Associate Professor, Section of Biotechnology,  
Bureau of Science and Technology Development, CAS

Prof. Shuangjiang LIU, Director-general, Institute of Microbiology, CAS

Dr. Juncai MA, Director, Microbial Resource and Big Data Center,  
Institute of Microbiology, CAS

Ms. Wei LI, Program Officer, Department of Research Project, Institute of Microbiology, CAS

On May 18, 2018, five visitors led by Deputy Director Ming Sun, Bureau of Science and Technology Development, Chinese Academy of Sciences visited IMSUT.

They first visited the Medical Science Museum, and then visited the DNA storage, serum storage and tissue storage facility of BioBank Japan and learned about its operation from Prof. Koichi Matsuda. After that, they received a warm welcome from the IMSUT Dean, Prof. Yoshinori Murakami, Vice Dean Prof. Yasushi Kawaguchi, Project Profs. Mitsue Hayashi and Zene Matsuda, and Project Senior Assistant Professor Jin Gohda. An overview of IMSUT was presented, and they discussed future research collaboration and cooperation between CAS and IMSUT.

## **Visitors from the Institute of Biophysics, CAS**

May 16, 2018

List of visitors:

Prof. Ruiming Xu, Director-General, Institute of Biophysics, Chinese Academy of Sciences

Dr. Hang Xu, Director, Office of Research & Technology Administration, Institute of Biophysics, Chinese Academy of Sciences

On May 16, 2018, IMSUT welcomed Director-General Ruiming Xu and Dr. Hang Xu from the Institute of Biophysics, Chinese Academy of Sciences (IBPCAS).

They first visited the Medical Science Museum, and then visited the tissue storage facility of Biobank Japan and learned about this facility and its operation from Project Prof. Takayuki Morisaki. Next they were ushered into the meeting room where they received a warm welcome from the IMSUT Dean, Prof. Yoshinori Murakami, Vice-Dean Prof. Yasushi Kawaguchi, Prof. Jun-ichiro Inoue (Chief of China-Japan Joint Laboratories in Beijing) and Project Prof. Zene Matsuda and Project Prof. Mitsue Hayashi. After these discussions, they visited the Human Genome Center and received an introduction of the supercomputer system and related projects from Associate Prof. Rui Yamaguchi.

## **Visit by Indonesian Delegation**

May 8 and 9, 2018

List of visitors:

### **East Java Legislative Council (DPRD) Commission E:**

Mr. Hartoyo Hartoyo /Head, Mr. Suli Da'im/Vice Head, Mr. Sumito Machmudi/Staff  
Mr. Agus Dono Wibawanto/Staff, Mr. Kusni Muh. Husni/Staff, Mr. Moch. Eksan/Staff  
Ms. Yayuk Padmi Rahayu/Staff, Ms. Ma'mulah Harun/Staff, Mr. Muhammad Siroj/Staff  
Ms. Agatha Retnosari/Staff, Mr. Artono Artono/Staff

### **Menur Psychiatric Hospital:**

Ms. Sri Agustina Andriani/Director, Ms. Endah Ikthitiarini/Head of Finance Department

### **Soedono General Hospital:**

Mr. Sukaryo Sukaryo/General & Finance Vice Director,  
Mr. Hendrian Dwikoloso Soebagjo/Medical Support Vice Director

### **Syaiful Anwar General Hospital:**

Mr. Sjaichul Ghulam/General & Finance Vice Director  
Mr. Moch. Soleh/Head of Finance Department

On May 8th and 9th, 2018, IMSUT welcomed 17 members of the Indonesian delegation. The object of their visit was to learn about the health care system and the operation of hospitals in Japan.

On the first day, they visited the Medical Science Museum and learned about IMSUT's history and the exhibition materials in the museum from Professor Toshio Kitamura. Next, they received an introduction to oncolytic virus therapies for various malignant tumors from Associate Professor Yasushi Ino of the Division of Innovative Cancer Therapy/Department of Surgical Neuro-Oncology, IMSUT Hospital, and then they visited the IMSUT Cord blood facility and received an introduction to its purpose and operation from Associate Professor Tokiko Nagamura-Inoue of the Department of Cell Processing and Transfusion.

On the second day, they were welcomed and given an overview of the hospital by Professor Hiroshi Yotsuyanagi (Deputy Director of IMSUT Hospital), and discussed a wide range of topics, including hospital administration and medical policy in Japan with him. After lunch, they visited the P3 facility for influenza research in the Division of Virology and learned about its operation system from Associate Professor Masaki Imai and Assistant Professor Kiyoko Iwatsuki-Horimoto. They showed great interest in the activities of IMSUT and actively asked questions about each facility they were introduced to. We hope this visit will encourage a further expansion of cooperative ties between IMSUT and the medical institutions in Indonesia.

## Visit by Singapore Delegation

April 17, 2018

List of visitors:

Prof. Tai E Shyong, Senior Consultant, Division of Endocrinology, National University Hospital (NUS)

Mr. Lim Wee Seng, Executive Director, Satellite Research Centre, Nanyang Technological University (NTU)

Prof. David Chan, Director of Behavioural Sciences Institute, Singapore Management University (SMU)

Dr. Sarah Chang, Head, Planning and Policy Department – International Relations,

Agency for Science, Technology and Research (A\*STAR)

Ms. Claire Ng, Senior Officer, Planning and Policy Department – International Relations,

Agency for Science, Technology and Research (A\*STAR)

On April 17, 2018, a delegation from Singapore visited the Institute of Medical Science, the University of Tokyo. (IMSUT)

The visitors received a warm welcome from the IMSUT Dean, Prof. Yoshinori Murakami, Vice Dean Prof. Yasushi Kawaguchi and General Manager Mr. Takahiko Kato, and were given an overview of IMSUT.

After the welcome talk, the delegation visited the tissue storage, serum storage and DNA storage facility of BioBank Japan and received a brief introduction to the facility and its mission by Prof. Koichi Matsuda.



## Get-together of students and researchers from overseas held at the Medical Science Museum, IMSUT

On February 22, 2018 a get-together of students and researchers from overseas was held at the Medical Science Museum, IMSUT. There were 24 participants: 12 IMSUT students, 5 researchers from overseas, and the remainder composed of IMSUT professors and staff members.

Prof. Sumiko Watanabe, chair of the International Exchange Committee, made a welcoming speech and toast. Students, researchers and professors introduced themselves using slides. There were many recommendations about their daily life, books, food, restaurants, movies, “anime”, and nice places to visit, etc. Participants greatly enjoyed the presentations.

Two hours went by quickly with food and drinks of the restaurant Ciao Bella attached to the museum. Participants exchanged their email addresses.

This party may help boost networking of foreign students and researchers within IMSUT.



## The delegation of Cell and Gene Therapy Japan Programme composed of representatives of University College of London (UCL) and startups in the UK visited IMSUT

On February 21, 2018, a representative of UCL Innovation & Enterprise and directors of 14 start-ups in the field of cell and gene therapy visited IMSUT accompanied by British Embassy officials and staffs from a scientific tour organizing agency.

UCL was founded in 1826 and has about 40,000 students. Recently UCL has consistently ranked 10th or higher internationally. The visit was a part of our country's Cell and Gene Therapy Japan Programme. A representative of UCL Innovation & Enterprise came together with representatives of 14 start-up companies in the field of gene therapy to see the most advanced research in cell and gene therapy. The visit was arranged by the Translational Research Initiative, The University of Tokyo (TRI).

The delegation first listened to the presentation of a start-up company connected to the University of Tokyo in the field of cell therapy. Then Prof. Yoshinori Murakami, Dean of IMSUT introduced IMSUT. After the general presentation, Prof. Keiya Ozawa, Director of IMSUT Hospital spoke about gene therapy at IMSUT and Dr. Tokiko Nagamura spoke about cell therapy.

It is hoped that IMSUT will strengthen ties with UCL and start-ups in the UK.





## **Dean of Faculty of Medicine, University of Bergen (Norway) and his delegation visited IMSUT**

On January 29, 2018, Prof. Per Bakke, Dean of the Faculty of Medicine, University of Bergen, Dr. Hiroshi Matsumoto, Norwegian Embassy in Tokyo / Representative of University of Bergen and NTNU in Japan and Mr. Bjørn Einar Aas, Senior Advisor, Division of Research Management, University of Bergen visited IMSUT.

Bergen is the second largest city in Norway. The University of Bergen has 19,000 students and was founded in 1946. The delegation visited IMSUT to discuss research collaboration between the two institutes.

They were welcomed by Prof. Yoshinori Murakami, the Dean of IMSUT, Prof. Mutsuhiro Takekawa, the Vice Dean and Dr. Beate Heissig of the Center for Stem Cell Biology and Regenerative Medicine. Prof. Murakami introduced the activity of IMSUT. Prof. Bakke expressed his appreciation for the ongoing collaboration through Dr. Heissig and showed his sincere interest in developing a research collaboration with IMSUT, and furthermore for the exchange of researchers.

This visit will accelerate the cooperation between IMSUT and the University of Bergen.



## **Visit of the delegation of United Arab Emirates (UAE) headed by Minister of State for Happiness and Well-being**

On December 21, 2017, 6 members of the UAE's government headed by HE Ohood Al Roumi, Minister of State for Happiness and Well-being, and Director General of the UAE Prime Minister's Office visited the Institute of Medical Science, the University of Tokyo (IMSUT). The government of the UAE aims to develop the country's economy by the expansion of the medical market. (from JETRO HP)

The purpose of the visit is to visit Prof. Hiroshi Kiyono, head of the Division of Mucosal Immunology and International Research and Director of the Development Center for Mucosal Vaccine. Also visited were Project Prof. Satoshi Uematsu of the same center and Prof. Seiya Imoto, Director of the Health Intelligence Center. The UAE delegation wanted to learn about research into intestinal flora and immunization, preventing lifestyle diseases, and the connection between wellbeing, happiness and intestinal flora. The professors explained about the actual situation and progress in research on the effect of intestinal flora on the brain by selecting food to make people happy. The members of the delgation were interested in the presentation.

It is hoped that the research of IMSUT will contribute to the develpement of medical research in the UAE.



## International Symposium celebrating the 125th Founding Anniversary and 50th Reorganization Anniversary

On November 30, 2017, the International Symposium celebrating the 125th Founding Anniversary and 50th Reorganization Anniversary –Driving Next-Generation Medicine: the Spirit of Pioneering Discovery in Medical Science- was held in the Auditorium of IMSUT. Invited speakers, Prof. Michel Sadelain of Memorial Sloan Kettering Cancer Center from New York and Prof. Shigekazu Nagata of Osaka University gave excellent lectures. From IMSUT's side, Prof. Yoshihiro Kawaoka, Prof. Satoru Miyano and Prof. Makoto Nakanishi talked about the most advanced research results in their respective fields of infectious diseases, genome science and cancer. There were lots of questions from the audience and active discussion with the lecturers.



## The UTokyo NY Conference 2017

“The UTokyo NY Conference 2017” was held on November 3, 2017 hosted by UTokyo New York Office. The purpose of the conference was to report on progress in studies with international collaborators and to find new collaborations with future partners. About 80 participants include researchers and related parties of companies from Japan and the United States.

The Conference started by opening remarks by Mr. Masaharu Masuyama, President of NY Office. During featured lecture session, Yoshihiro Kawaoka, DVM, PhD (IMSUT) offered a lecture: “Working with Deadly Viruses: Battling Ebola and Influenza,” and an industry, government and academia collaborative project led by Kazuo Oki, PhD (IIS) and Toshihiro Maki, PhD (IIS) provided several lectures under the title of “Against Alzheimer's, Tohoku rejuvenation project with the American Pecan nuts.” Speakers for this topic included delegates from City of Rikuzen-Takata and Golden Pecan Co.Ltd., and Jennifer Randall, PhD (New Mexico State University). In the following panel discussion, panelists and participants had an active discussion touching on the history of the project.

For the “Future Topics” session, Yoshinori Murakami, MD, PhD, Dean (IMSUT) and Teruo Fujii, PhD, IIS Director General introduced the activities of their institutes and Masafumi Maeda, PhD (IIS) ended up the Conference by his closing remarks.

According to questionnaire results, the participants mostly thought that the lectures were amazing and found the Conference a precious opportunity to exchanges opinions with lecturers.





## The Director and 4 researchers of Lithuania's National Cancer Institute (NCI) visited IMSUT

With a population of about 3 million, the Republic of Lithuania is the southernmost of three countries in the Baltic region. Its capital is Vilnius. Dr. Kenzaburo Tani, project professor of IMSUT, visited Lithuania in 2016 and gave a symposium talk there.

On October 13, 2017, five visitors including the director and responsible persons of their National Cancer Institute, professors of Vilnius University and Minister Plenipotentiary of the Lithuanian Embassy came to IMSUT. Welcoming the Lithuanian delegation on behalf of IMSUT were six high-level academic and administrative leaders: Prof. Murakami (Dean), and three Vice-Deans (Profs. Mutsuhiro Takekawa, Yasushi Kawaguchi and Hirotoishi Tanaka), Prof. Keiya Ozawa (IMSUT Hospital Director) and Ms. Kiyomi Ueda (General Manager). Prof. Murakami introduced the activities of IMSUT and Hospital Director Prof. Keiya Ozawa explained about IMSUT Hospital.

After the welcome talk, there was a workshop organized by Prof. Tani. Profs. Arinobu Tojo, Yoichi Furukawa, Makoto Nakanishi, and Tani of IMSUT and Prof. Koichi Matsuda of the Graduate School of Frontier Sciences as well as the visitors from NCI gave presentations on cancer research. Then the delegation visited BioBank Japan, Cell Processing Devices, the Human Genome Center and IMSUT Hospital respectively introduced by Profs. Matsuda, Tani, Imoto and Dr. Imai. about the most advanced research activities.

It is hoped that the visit develops into research exchange and collaboration between NCI and IMSUT.



## Tokyo – New York Stem Cell Summit

“Tokyo-New York Stem Cell Summit” was jointly held by Institute of Industrial Science (IIS), the Institute of Medical Science (IMSUT), and New York Stem Cell Foundation (NYSCF) on September 8, 2017 at NYSCF Research Institute which is 15-minutes walking distance from our UTokyo New York Office. The summit provided a great opportunity for the participants from academia and industry to learn updates in the field of stem cell biology, and to socially interact and discuss with colleagues.

The Summit started by opening remarks by Susan L. Solomon, NYSCF CEO. Hiromitsu Nakauchi, MD, PhD (IMSUT) and Kevin C. Eggan, PhD (Harvard University) provided keynote lectures. Valentina Fossati, PhD (NYSCF), Toshio Kitamura, MD, PhD (IMSUT), Scott Noggle, PhD (NYSCF), Daniel Paull, PhD (NYSCF), and Shoji Takeuchi, PhD (IIS) presented recent stem cell-related findings and research progress. A panel discussion was held after the lectures, and the speakers discussed recent progress and current challenges for making artificial tissues from stem cells. The panel discussion was interactive, and received many questions from participants. The Summit ended with closing address by Teruo Fujii, PhD, IIS Director General.



## Students from Catholic University of Daegu, Korea visited IMSUT

April 26, 2017

The group guided by Prof. Jin-Kyung Kim visited Division of Mucosal Immunology, Division of Virology (Dr. Satoshi Fukuyama), super computer system SHIROKANE (Prof. Seiya Imoto) and BioBank Japan (Dr. Koichiro Yuji).





## Dr. ZHANG Yaping, Vice-President of CAS visited IMSUT

On April 26, 2017, IMSUT welcomed Dr. ZHANG Yapin, Vice-President of the Chinese Academy of Sciences (CAS) and 4 members of his delegation. CAS is China's largest national research organization of science and technology, with 56 000 researchers pursuing high technology and natural science at 124 institutes spread across the country. Its annual research budget is 21.3 billion yuan (more than 300 billion yen).(data as of 2012)

In 2005 IMSUT established Japan-China collaboration research laboratories in two life science research institutes of CAS in Beijing, one in the Institute of Microbiology, and one in the Institute of Biophysics. Since 2015 with support from the Japan Agency for Medical Research and Development (AMED), IMSUT has been carrying out the "China-Japan Research Collaboration on Defense against Emerging and Reemerging Infections" program together with the same CAS research institutes.

The visitors received a warm welcome from the IMSUT Dean, Prof. Yoshinori Murakami. And Vice-Deans Prof. Mutsuhiro Takekawa, Prof. Yasushi Kawaguchi, Prof. Hirotoshi Tanaka as well as Prof. Junichiro Inoue (Director of Beijing Sites) and Project Prof. Mitsue Hayashi. An Overview of IMSUT was introduced and the two sides discussed future joint research and cooperation between CAS and IMSUT.

After the discussion, the delegation visited a P3A room (BSL3) and a two-photon excitation microscope owned by Prof. Yoshihiro Kawaoka's laboratory. Dr. Zhang, specialist in molecular evolution and genetics, showed lively interest with his many questions.

As IMSUT and CAS deepen their cooperation, there are great expectations for the future development of Japan-China joint research activities.



## **46 members of the French national training course of IHEST visited IMSUT**

On April 4, 2017 IMSUT welcomed 46 members of the French national training course organized by Institut des Hautes Etudes pour la Science et la Technologie (IHEST) for one week in Japan.

IHEST is a public administrative institution whose aim is to build a collective culture of research and innovation. To do this, it examines the purpose of scientific and technological research, as well as its economic, social and policy aspects, and then disseminates its analyses to inform opinion and decision-making. A wide variety of members such as researchers, businessmen and government officials at executive administrative levels participated in this year's course titled "Common goods in Japan today, forms of innovation". The objective of the program was to observe Japan's present situation regarding innovation, research, collaboration between industry and academia disaster prevention as well as Japanese culture ? the human scientific side of Japan.

The visit of IMSUT began with lunch under early cherry blossoms or in the Medical Science Museum, followed by a general presentation by the IMSUT Dean, Prof. Yoshinori Murakami. Then the group visited several research facilities. Dr. Rui Yamaguchi, associate



professor of the Laboratory of DNA Information Analysis, Human Genome Center presented the human genome research in the Super Computer Facility Room, Dr. Masaaki Oyama, associated professor of Medical Proteomics Laboratory talked about research using mass spectrometry and Dr. Koichiro Yuji, project associate professor of the Project Division of International Advanced Medical Research explained about DNA storage, serum and plasma storage, and tissue storage in BioBank Japan. In each facility participants actively asked questions and they showed great interest in the activities of IMSUT.

This visit provided an overview of IMSUT's medical scientific research to French executives concerned with academia and science. The development of various exchanges between IMSUT and France holds great promise.



## Visitors from the University of Lyon

On January 31, 2017, IMSUT welcomed a delegation from the University of Lyon.

The University of Lyon is a consortium of higher education and research institutions in Lyon and Saint-Etienne, founded in 2007, and a total of 130,000 students study at the University. It concluded an international academic exchange agreement with UTokyo in 2015. Five delegates from the University visited IMSUT to promote the international alliance research internship program (IARI program) between the Graduate School of Frontier Sciences, the Institute of Molecular Bioscience and the Institute of Medical Science of UTokyo, and the University Claude Bernard, the Ecole Normale Supérieure de Lyon and the National Institute of Applied Sciences of Lyon which are members of the University of Lyon.

On that day, they talked with Professor Mitsuhiro Takekawa, Professor Yasushi Kawaguchi, Professor Hirotohi Tanaka (Vice Deans of IMSUT), Professor Koichi Matsuda (Graduate School of Frontier Sciences), Dr. Mari Matsuoka (International Liaison Office, Assistant Professor of GSFS), and received a brief explanation about IMSUT. After that, they made a short tour of IMSUT's labs and facilities. First, they visited IMSUT hospital, which was explained by Professor Arinobu Tojo. Second, they went to the supercomputer room and received a brief introduction to the facility and its project from Associate Prof. Rui Yamaguchi. And then, they visited BioBank Japan, and received a brief introduction to the facility and its mission from Prof. Koichi Matsuda. There, they visited the DNA storage, serum and plasma storage and tissue storage facilities.

We hope this visit will encourage a further expansion of cooperative ties between UTokyo and the University of Lyon through this student internship program.



## Visitors from Ghana Health Service and Noguchi Memorial Institute for Medical Research, University of Ghana

On January 26, 2017, IMSUT welcomed a delegation from the Ghana Health Service and the Noguchi Memorial Institute for Medical Research, University of Ghana. They are conducting collaborative research with Professor Hiroshi Kiyono (Director of International Research and Development Center for Mucosal Vaccine, IMSUT) on the SATREPS project, “the Project for Surveillance and Laboratory Support for Emerging Pathogens of Public Health Importance”.

On that day, Professor Yasushi Kawaguchi, Professor Mutsuhiro Takekawa, Professor Hirotohi Tanaka (Vice Deans of IMSUT) and Professor Hiroshi Kiyono welcomed them, and gave an overview of IMSUT. After that, the visitors were given a short tour of IMSUT's facilities, such as the MucoRice cultivation room, the supercomputer, and BioBank Japan, and received a brief introduction to each facility and its mission.

The short visit lasted only one hour, but we hope this visit will encourage a further expansion of friendly and cooperative ties between Japan and Ghana.

