

An aerial photograph of a city, likely in Japan, with Mount Fuji visible in the distance. The foreground shows a university campus with several large, modern buildings, a green sports field, and a baseball field. The middle ground is filled with dense residential and commercial buildings. The background shows the city extending to the horizon under a clear blue sky.

# Public Relations and Other Activities

# TMIMS Programs

## Public lectures

Each year we present 8 public lectures to inform the public of our research progress and enlighten people on various medical issues pertinent to their health and welfare. In 2020, we had to cancel three lectures due to the pandemic, but we had five, including three online. Lecture topics included adolescent mental care, addiction, hearing loss, Parkinson's disease, and memory.

*How can you prevent and recover from addictive disorders?*  
 .....Kazutaka IKEDA (TMIMS, Addictive Substance Project)  
 .....Toshihiko MATUMOTO (NCNP)

*How will mind development during adolescence affect healthy mental state in later stage of life?*  
 .....Atsushi NISHIDA  
 (TMIMS, Mental Health Promotion Project)  
 .....Kiyoto KASAI (The University of Tokyo Hospital)

*How can you prevent and cure hearing loss?*  
 .....Yoshiaki KIKAWA  
 (TMIMS, Mammalian Genetics Project)  
 .....Masato FUJIOKA (Keio University)

*Parkinson's diseases: what we know now from the latest basic and clinical studies*  
 .....Noriyuki MATSUDA (TMIMS, Ubiquitin Project)  
 .....Taku HATANNO (Juntendo University)

*Can you create memory?*  
 .....Kaoru INOKUCHI (University of Toyama)



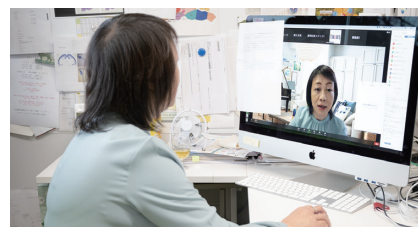
## Science café

In the past ten years we have had 32 special science presentations geared toward the general public. These "science cafes" provide people of all ages with the opportunities to learn, experience, and enjoy science first hand in a casual setting. In 2020, we had three online science cafes on topics such as "what is PCR?", "what do you need to know about virus infections?" and "how does the human brain develop and how is it different from brains of other species?" The participants enjoyed our online quizzes in these events.

*PCR: how it works and how it was discovered.*  
 .....Yuichiro MIYAOKA  
 (TMIMS, Regenerative Medicine Project)

*Virus infection: PCR, antigen test and antibody test*  
 .....Satoshi KOIKE  
 (TMIMS, Neurovirology Project)

*Brain: mechanisms of its formation and evolution*  
 .....Chiaki OHTAKA-MARUYAMA  
 (TMIMS, Neural Network Project)



## Institutional seminars (Igakuken Seminars)

We have institutional seminars on a regular basis. In 2020, despite the coronavirus pandemic we had 17 seminars, 10 at the institute and 7 online, by both domestic and international scientists including those from the Sorbonne, France, and Texas, USA.

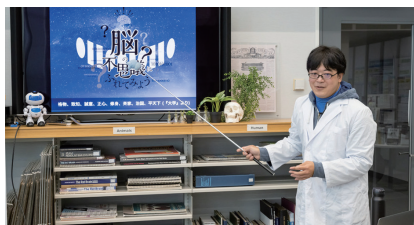
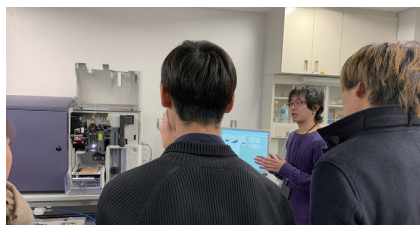


<i>Development of intergration-dependent genetic switch-on systems</i> .....Takuma KUMAMOTO (Sorbonne Université)	<i>Cryo EM analyses of the TOM complex, the gateway to mitochondria</i> .....Yuhei ARAISO (Kanazawa University)
<i>Roles of olfactory cortex as information-processing hub</i> .....Hiroyuki MANABE (Doshisha University)	<i>Chemical genetic analyses of spacial molecular network profiling of tri-point synaps</i> .....Tetsuya TAKANO (Keio University)
<i>Analyses of morphological phenotypes of mice by X-ray imaging</i> .....Masaru TAMURA (RIKEN)	<i>Circadian quartz and clock aging</i> .....Hikari YOSHITANE (The University of Tokyo)
<i>Mechanisms of mammalian hibernation; syrian hamster as a model</i> .....Yoshifumi YAMAGUCHI (Hokkaido University)	<i>Comprehensive analyses of antibody/ T cell receptor by high-speed one cell analyses</i> .....Hidetaka TANNO (The University of Texas at Austin)
<i>The Schedule for the evaluating of the individual Quality of Life-direct weighting: SEIQoL-DW</i> .....Yoshihiko SAKASHITA (Chiba Cancer Center) .....Akira YAMAMOTO (R102 Co.,Ltd)	<i>Ghost cytometry technologies and beyond</i> .....Sadao OTA (The University of Tokyo)
<i>Development of versatile softwares for novel genome editing systems</i> .....Hideto MORI (The University of Tokyo)	<i>Genetic tracing of formation of cerebral cortex functional area</i> .....Takayoshi INOUE (ICNP)
<i>Rapid induced protein degradation by an improved Auxin-degron system and its application for the studies of genome maintenance mechanisms</i> .....Masato KANEMAKI (NIG)	<i>Translational research by MRI brain imaging of small animals</i> .....Tomokazu TSURUGIZAWA (AIST)
<i>Who kills science?</i> .....Momoko SUDA (The Mainichi Newspapers)	<i>Somatic cell nuclear transfer by micromanipulator and its application</i> .....Eiji MIZUTANI (University of Tsukuba)
<i>Knowing the biochemical microbrain for memory</i> .....Yukinori HIRANO (Kyoto University)	

## Lectures to students

We give lectures to high-school and university students who visit our institute and we also send staff to visit schools and deliver lectures. This year, face-to-face lectures were difficult so we gave

online lectures, including one delivered by Yuichiro Miyaoka on regenerative medicine and gene editing, and the other by Takeru Honda on braininfuctions.



## Joint programs with universities

Many scientists at TMIMS have joint appointments as visiting professors or lecturers at various universities. Unfortunately, this year we had to cancel our annual "open institute" events for prospective graduate students due to the coronavirus pandemic, but we currently have 152 students from affiliated universities and other schools, who conduct their research here.



## Support for students and young scientists

### Research Associate Fellowships

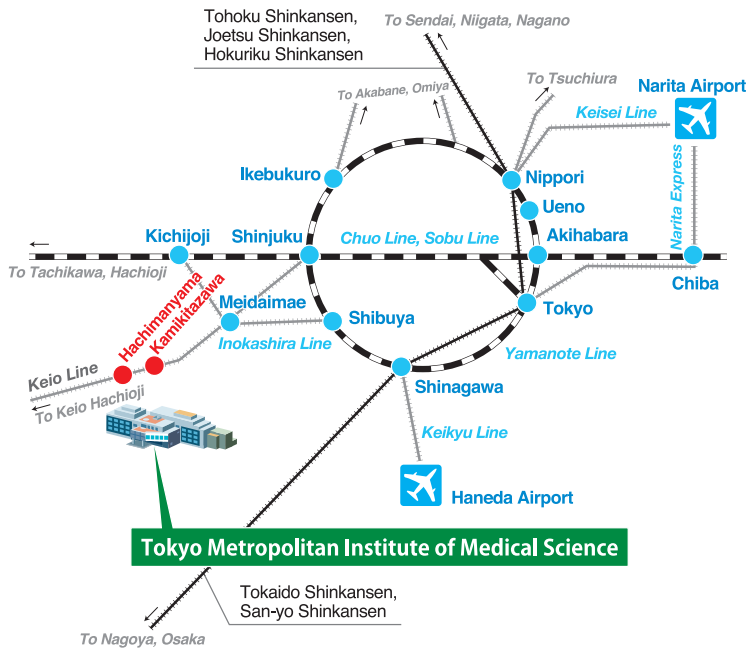
We provide graduate students who conduct their masters/ Ph.D. research at TMIMS with research associate fellowships that provide them with financial support, and allow them to concentrate on their studies and research.

### Travel support for young scientists attending international meetings

We provide students and young scientists at TMIMS with travel fellowships to attend international meetings where they can present their results and meet other students and scientists in their fields.

# Access Map

Tokyo Metropolitan Institute of Medical Science	
<b>Address</b>	2-1-6 Kamikitazawa, Setagaya-ku, Tokyo, 156-8506, Japan
<b>Tel</b>	+81-3-5316-3100
<b>Fax</b>	+81-3-5316-3150

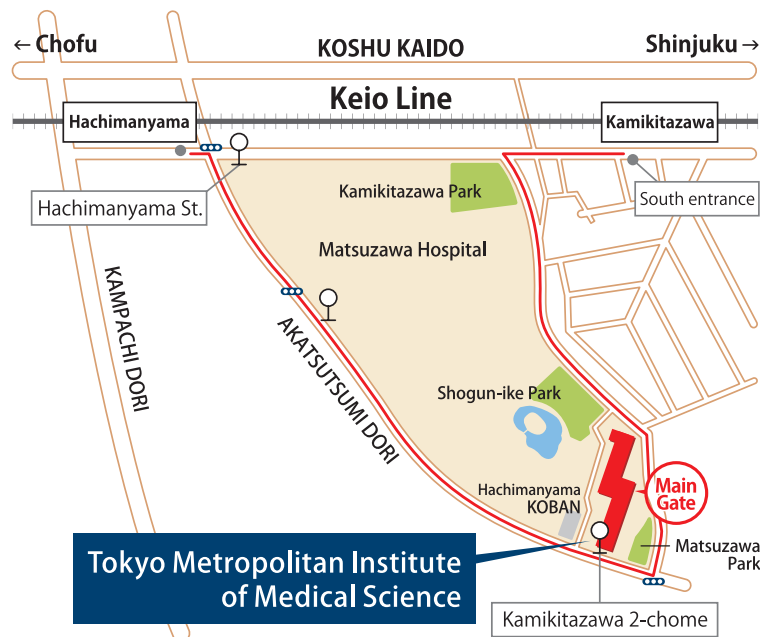


## AIRPORT to INSTITUTE

From Narita Airport to Kamikitazawa Station / Hachimanyama Station	
Narita Airport - Shinjuku Station	JR Narita Express
Shinjuku Station - Kamikitazawa Station / Hachimanyama Station	Keio Line

From Haneda Airport to Kamikitazawa Station / Hachimanyama Station	
Haneda Airport - Shinagawa Station	Keikyu Line
Shinagawa Station - Shinjuku Station	JR Yamanote Line
Shinjuku Station - Kamikitazawa Station / Hachimanyama Station	Keio Line



- **From Kamikitazawa Station to Institute**  
Walk (approx. 10 min From South entrance of Station).
- **From Hachimanyama Station to Institute**

Hachimanyama Station - Kamikitazawa 2-chome	Keio bus / Odakyu bus
Kamikitazawa 2-chome - Institute	Walk