

**Department of Computational  
Biology and Medical Sciences,  
Graduate School of Frontier  
Sciences, The University of Tokyo**

**Applicant's Guide ver 1.0  
Master Course and Doctoral Course for AY 2025**

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## **Contact**

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Graduate School of Frontier Sciences, The University of Tokyo

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<http://www.cbms.k.u-tokyo.ac.jp/en/admission/schedule/>

# Applicant's Guide (Master Course)

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## Applicant Eligibility

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- Please refer to the Guidelines for Applicants to the AY 2025 Master Course, GSFS (the Guidelines, hereafter). See “2. Applicant Eligibility” for details.
- In particular, foreign applicants should refer to “For non-Japanese applicants” at the beginning of the Guidelines.

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## Submitting Documents

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- The application must be filed through the online application system.
- When applying online, the applicant is required to upload PDF versions of the Inquiry Sheet (Master Course), Checklist (Master Course), English proficiency score reports, and various certificates (transcripts, diplomas, etc.). Certificates must be submitted at the time of the admission procedure.
- Individuals employed by corporations, government agencies, organizations, etc., who wish to enroll in school while maintaining their employment status, should consult closely with their first-choice advisor and submit a Study-Work Balance Plan (approximately one A4 page in length, format is free).
- Applicants who do not have Japanese as their native language can submit, as optional supplementary materials, certificates of Japanese language proficiency test results and records. We accept only JLPT N1 certificates.
- The deadline for the online application to Schedule A is Wednesday, June 12, and the deadline for the online application to Schedule B is Monday, November 18.
- Applications and submissions of documents, etc., online must be done by first confirming the instructions on the website of this graduate school (<https://www.k.u-tokyo.ac.jp/en/exam/info/>) and following the instructions.

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## Quota and Choosing Laboratories

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- The recruitment quota is for 53 people.
- Choose one group/course from the Medical Sciences group, Computational Biology group, or Biomedical Innovation course, and fill in the Inquiry Sheet (Master Course) with the preferred supervisor for joining their lab.
- Applicants for the Medical Sciences group and the Computational Biology group should list up to their third-choice prospective supervisors, while applicants for the Biomedical Innovation course should only list their first-choice prospective supervisor on the Inquiry Sheet (Master Course).
- It is not possible to request guidance from instructors across the Medical Sciences group, the Computational Biology group, and the Biomedical Innovation course.
- If many applicants wish to join the same laboratory, not all applicants may be able to join the laboratory. Regarding the desired laboratories, a reconfirmation of intent will be conducted during the oral examination.

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## Selection Procedure

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- GSFS has two types of admissions, the Ordinary Examination, and a Special Selection for Applicants with

Overseas Education. Nonetheless, our department, Department of Computational Biology and Medical Sciences (CBMS) does not provide a Special Selection for Applicants with Overseas Education.

- In our department, the applicants can use Japanese and/or English to fill in the Inquiry Sheet, to answer in Oral Examinations.

## **Entrance Exam Dates for Schedule A**

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The exams will be conducted mainly at the Kashiwa campus. The venue and other details will be communicated by e-mail.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Master Course), academic transcripts, and the English proficiency score reports (TOEFL iBT\*), Written Examination (Specialty)\*\* (the first-stage selection), and the oral examinations (the second-stage selection).

\* For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Be aware that other English scores such as TOEIC and IELTS are not accepted. TOEFL ITP tests are not conducted.

## **Inquiry Sheet**

The Inquiry Sheet (Master Course) includes sections (1) through (4) shown below. Please follow the instructions in Inquiry Sheet (Master Course) and answer within the word limit (for details, please refer to the Inquiry Sheet (Master Course)).

Download the MS Word files for the Inquiry Sheet (Master Course) and Checklist from the department's website (<https://www.cbms.k.u-tokyo.ac.jp/en/admission/schedule/>), and fill them out according to the instructions in the Applicant's Guide. After filling out the form, save it as a pdf file, check the layout, and submit the pdf file online.

- ① About prior consultations with the supervisor of first choice regarding research. (Approx. 50 words)
- ② Reasons for wishing to enter graduate school and the laboratory of the first-choice supervisor. (Approx. 300 words)
- ③ Your research theme in the first-choice lab. (Approx. 600 words)
- ④ Your career plan after completion of the Master Course (approx. 150 words)

Regarding (3), if an examinee is unable to explain their desired research theme at the time of application due to reasons such as changing your field from the field of your educational background, they can describe the "knowledge and skills acquired so far", assuming they join the laboratory of their first-choice.

## **English**

Submit a score report(s) of the TOEFL iBT (TOEFL iBT Home Edition is not accepted; see Table 1). Refer to "7. English Score Report" in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

## Written Examination (Specialty)

Written Examination (Specialty) will be conducted for the successful candidates of the first-stage selection. Applicants to the Medical Sciences group and the Computational Biology group must select and answer four questions out of a total of 12 questions from the fields of the life science, information science, and related fields. Applicants to the Biomedical Innovation course must select and answer two questions out of a total of six questions from the fields of intellectual property, bioethics, medical statistics and related fields. An English version will be available for applicants who selected it on the Inquiry Sheet. Answers should be written in English and/or Japanese. Details will be notified after the announcement of the successful candidates in the first-stage screening.

## Oral Examination

Oral examinations will be conducted for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. Oral examinations for the Biomedical Innovation course will be conducted at the Shirokanedai campus. The language (Japanese or English) declared on the Inquiry Sheet will be mainly used. Details will be notified after the announcement of the successful candidates in the first-stage screening.

## Entrance Exam Dates for Schedule B

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The exams will be conducted mainly at the Kashiwa campus. Details will be posted on the department's website after the completion of the Entrance Examination Schedule A.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Master Course), academic transcripts, and the English proficiency score reports (TOEFL iBT\*) (the first-stage selection), Written Examination (Specialty)\*\* (the second-stage selection), and the oral examinations (the third-stage selection).

\* For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Be aware that other English scores such as TOEIC and IELTS are not accepted. TOEFL ITP tests are not conducted.

\*\* There is a possibility that the number of questions, question selection method, and format of the written examination may be changed in the Entrance Examination Schedule B.

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## Exam Schedule

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The following schedule will be used. All times are in Japan Standard Time (JST).

## Entrance Exam Dates for Schedule A

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Primarily, written examinations and oral examinations will be conducted in person at the Kashiwa campus.

|                |           |  |
|----------------|-----------|--|
| July 19, 2024  | Fri 12:00 | Announcement of the first-stage screening (posted on the department web site)  |
| August 6, 2024 | Tue       | Written Examination (Specialty)*   |
| August 7, 2024 | Wed 12:00 | Announcement of the second-stage selection (posted on the department web site) |

|                   |               |  |
|-------------------|---------------|--|
| August 7, 2024    | Wed afternoon | Oral Examination** (the Biomedical Innovation course only; Shirokanedai campus)              |
| August 8, 2024    | Thu           | Oral Examination (the Medical Sciences group & the Computational Biology group)**            |
| August 9, 2024    | Fri 12:00     | Announcement of the third-stage screening (posted on the department web site)                |
| September 4, 2024 | Wed 10:00     | Official announcement of successful candidates *** (posted on the Graduate School's website) |

\*The written examinations will be conducted only for the successful candidates of the first-stage selection.

\*\*The oral examination is conducted only for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

\*\*\*Please refer to 10. Announcement of Results and Admission Procedures in the Guidelines and Table 1.

## **Entrance Exam Dates for Schedule B**

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Primarily, written examinations and oral examinations will be conducted in person at the Kashiwa campus.

|                   |               |  |
|-------------------|---------------|--|
| December 27, 2024 | Fri 12:00     | Announcement of the first-stage screening (posted on the department web site)                |
| January 14, 2025  | Tue           | Written Examination (Specialty)*   |
| January 15, 2025  | Wed 12:00     | Announcement of the second-stage selection (posted on the department web site)               |
| January 15, 2025  | Wed afternoon | Oral Examination** (the Biomedical Innovation course only; Shirokanedai campus)              |
| January 16, 2025  | Thu           | Oral Examination (the Medical Sciences group & the Computational Biology group)**            |
| January 28, 2025  | Tue 12:00     | Announcement of the third-stage screening (posted on the department web site)                |
| February 12, 2025 | Wed 10:00     | Official announcement of successful candidates *** (posted on the Graduate School's website) |

\*The written examinations will be conducted only for the successful candidates of the first-stage selection.

\*\*The oral examination will be conducted only for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

\*\*\*Please refer to 10. Announcement of Results and Admission Procedures in the Guidelines and Table 1.

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## Miscellaneous

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- If the applicant has not obtained the required degree(s) by the time of enrollment, he/she will not be enrolled even if he/she passes the examination, nor will he/she be allowed to change the time of enrollment.
- Please refer to the Guidelines and the department's web site (<http://www.cbms.k.u-tokyo.ac.jp/english/index.html>) for details.

## Personal Information Statement

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The school shall use personal information of applicants such as names and addresses only for the purpose of selecting successful applicants (e.g., processing applications, conducting screening), announcing accepted applicants, and conducting admission procedures. This personal information will be used only for students who have enrolled in the program, and will be used for educational affairs (student registration, study, etc.), student support (health management, employment support, tuition waiver and scholarship applications, library use, etc.), and tuition fee collection. The examination results may be used in future studies for improving both the entrance examination system and the education at the University of Tokyo.

## Contact Information

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Please contact the Student Affairs Team for inquiries regarding the operation of the online application system, payment of the screening fees, submission of transcripts and degree certificates, residence cards, and visas. Inquiries concerning Inquiry Sheet, submission of the English proficiency score reports, CHSI certificate, Research/Work Balance Plan, and Written Examination and Oral Examinations should be addressed to the Admissions Committee of Department of Computational Biology and Medical Sciences.

### **Student Affairs Team, Graduate School of Frontier Sciences, The University of Tokyo**

Please check the '6. Frequently Asked Questions' on the website of the Graduate School of Frontier Sciences. Please inquire using the inquiry form in '3. Inquiries about the entrance examination' of the entrance examination information.

- Admission Website: <https://www.k.u-tokyo.ac.jp/en/exam/info/>
- Frequently Asked Questions: <https://www.k.u-tokyo.ac.jp/en/exam/faq/index.html>
- Inquiry Form: <https://forms.office.com/r/QGh4j9VYXv>

### **Admissions Committee, Department of Computational Biology and Medical Sciences**

Please check the entrance examination information in the department's website's 'Frequently Asked Questions' section. Then, please contact us via email at the following email address.

- Admissions Page of the Department Website: <https://www.cbms.k.u-tokyo.ac.jp/en/admission/>
- Frequently Asked Questions: <https://www.cbms.k.u-tokyo.ac.jp/en/admission/faq/>
- e-mail: [nyushi-cbms@edu.k.u-tokyo.ac.jp](mailto:nyushi-cbms@edu.k.u-tokyo.ac.jp)

**Table1: How to Submit Documents and Deadlines (Schedule A)**

|  |  |  |
|--|--|--|
|  | Documents to be submitted online<br>(June 6 to June 12, 23:00 JST)   | Original certificates to be submitted**  |
| Personal details   | Online input   | Not necessary  |
| Inquiry Sheet  | Upload a pdf file created from a template form provided by the department. Upload only one file.   | Not necessary  |
| Checklist  | Upload a pdf file created from a template form provided by the department.   | Not necessary  |
| English score reports<br>(TOEFL iBT)   | Upload a PDF file when applying. * <sup>1</sup><br>Examination scores from September 1, 2022, onwards are valid.   | Required* <sup>2</sup><br>When applying online   |
| Academic transcripts   | Upload pdf file. If the original is a paper, upload a scanned copy.  | Original academic transcript* <sup>3</sup><br>(at the time of the enrollment procedure)  |
| Graduation certificate<br>(degree certificate)   | Upload the PDF file. If the original is on paper, upload the scanned file. Submit at the time of the enrollment procedure if not graduated at the time of application.                   | Original certificate* <sup>3</sup><br>(at the time of the enrollment procedure)  |
| CHSI certificate<br>(Only for examinees who graduated from a university in China)  | If you are a graduate at the time of application, upload a PDF file of the certificate. Submit at the time of the enrollment procedure if not graduated at the time of application.      | If you have not yet graduated at the time of application, please print the PDF file of the certificate and submit it to the Department of Computational Biology and Medical Sciences office. If you have already graduated at the time of application, submission is not required. |
| Research/Work<br>Balance Plan<br>(If you wish to attend school while staying in service of a company, a government, or an organization.) | Upload a PDF file of the plan, approximately one page in A4 size (free format).  | Not necessary  |
| Certificate of Japanese Language Proficiency Test N1 (optional)  | Only the certificate of the JLPT N1 Japanese Language Proficiency Test results and scores will be accepted. Please upload a PDF file. If the original is a paper, upload a scanned copy. | Required* <sup>4</sup><br>(During the Oral Examination)  |



- \*1 Regarding the English proficiency score reports, either a pdf copy of a scanned Test Taker Score Report, or a screenshot (pdf) of the score you can see on the website of ETS must be submitted. Refer to “7. English Score Report” in the Guidelines for the details of accepted score reports, validity period, and sending procedures.
- \*2 During the online application period, please input the code for the "Department of Computational Biology and Medical Sciences" on the ETS website and have the official score report sent directly from ETS. The codes are DI (Designed Institution) code is "8001", and the Department code is "99".
- \*3 Failure to submit the original documents by the designated date may result in denial of enrollment. Original transcripts and graduation certificates (degree certificates) must be submitted to Student Affairs Team of the graduate school at the enrollment procedure.
- \*4 Please bring it to the Oral Examination and submit it to the staff before the start of the examination.

## Checklist (Master Course) ver 1.0

Upon checking the documents uploaded at the time of application, please convert this checklist into a PDF and upload it as well.

Inquiry Sheet (Master Course)

- Download the MS Word file from the department's web site and fill out the Inquiry Sheet and Checklist, save it as a PDF file, and upload them. (Please do NOT upload the MS Word file)
- The applicant is not allowed to apply more than one supervisor across the groups or the course.

Checklist (Master Course)

I submitted the TOEFL iBT score reports in PDF format.

\* For Schedule A, the test date of the score reports must be September 1, 2022 or later.

I have mailed the (paper) English score certificate that corresponds to one I uploaded online, from ETS directly to GSFS.

I understand that I submit academic records/transcripts of an undergraduate course at the time of application and also that I must submit their original copies at the enrollment procedure.

- Academic transcripts of the undergraduate course (including the liberal arts course). For the technical colleges in Japan, academic transcripts for the special major and the fourth and fifth year of the main course.
- When the record/transcript is not described in English/Japanese, please also attach the translation certified by a public institution such as the university you graduated from, an embassy/consulate, a government.

I understand that I submit academic records/transcripts/degree certificates of an undergraduate/graduate course at the time of application, and also that I must submit their original copies at the enrollment procedure.

- Required for those who have already graduated from an undergraduate program at the time of application.

If I have graduated from a university (graduate school) in China, in addition to the above-mentioned graduation certificate from the university (graduate school), I understand that I need to upload the Online Verification Report of Higher Education Degree Certificate from the China Higher Education Student Information Network (CHSI; 中国高等教育学生信息网) in pdf format at the time of application if I have already graduated, or print and submit the authentication report (認証報告) at the time of enrollment if I have not yet graduated.

I uploaded a Research/Work Balance Plan (Free format. Around 1 page in A4 size.) at the time of application.

- If you wish to attend school while staying in service of a company, a government, or an organization.

Japanese Language Proficiency Certificate (optional)

\* This is a certificate of the results and scores of the Japanese Language Proficiency Test (JLPT) N1.

# Inquiry Sheet (Master Course) ver 1.0

Department of Computational Biology and Medical Sciences, Graduate School of Frontier Sciences

|  |  |
|--|--|
| Furigana   |  |
| Full Name<br>(in Kanji, if any)  |  |
| English Notation   |  |
| [Preferred language for the question booklet of Written Examination (Specialty)] (Choose either)<br><input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English   |  |
| [Primary language for the Oral Examinations] (Choose either)<br><input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English   |  |
| [Prior Contact with the First-choice Supervisor]<br><input type="checkbox"/> a. Yes <input type="checkbox"/> b. No   |  |
| ① [Describe any prior consultations regarding research with your first-choice supervisor.]<br><i>(font size: 10pt, approx. 250 characters in Japanese or 50 words in English)</i><br><i>Please erase the italics before you write. Your text must fit within the frame.</i><br><i>If the text does not fit within the frame, make the text smaller.</i><br><i>If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.</i>           |  |
| ② [Reasons for wishing to enter graduate school and the laboratory of the first-choice supervisor.]<br><i>(font size: 10pt, approx. 600 characters in Japanese or 300 words in English)</i><br><i>Please erase the italics before you write. Your text must fit within the frame.</i><br><i>If the text does not fit within the frame, make the text smaller.</i><br><i>If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.</i> |  |

③ [Please describe the research theme you wish to pursue if you join the laboratory of your first-choice supervisor.]  
If there is no such research theme, describe “what you have learned and the skills you have acquired” in order to conduct research in the laboratory of your first-choice instructor.

*(font size: 10pt, approx. 1200 characters in Japanese or 600 words in English)*

*Please erase the italics before you write. Your text must fit within the frame.*

*If the text does not fit within the frame, make the text smaller.*

*If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.*

④ Envision and describe your career after completion of the master course.

*(font size: 10pt, approx. 250 characters in Japanese or 150 words in English)*

*Please erase the italics before you write. Your text must fit within the frame.*

*If the text does not fit within the frame, make the text smaller.*

*If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.*

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## Laboratory List (Schedule A)

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- Choose one of the Medical Sciences Group, the Computational Biology Group, and the Biomedical Innovation Course. Write the order of your preference for each supervisor in the Group or the Course you choose.
- Applicants for the Medical Sciences group and the Computational Biology group must list at least their second and up to their third preferred supervisors, while applicants for the Biomedical Innovation course should only list their first preferred supervisors.
- It is not possible to choose supervisors across the Medical Sciences group, the Computational Biology group, and the Biomedical Innovation course.
- Supervisors not listed will not be recruiting students for Academic Year 2025.

|   |
|---|
| Master Course, the Medical Sciences group |
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|                   |
|-------------------|
| Core Laboratories |
|-------------------|

- |  |
|--|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Nono Tomita (Biomolecules)</li><li><input type="checkbox"/> Kozo Tomita (RNA Biology)</li><li><input type="checkbox"/> Koichi Ito &amp; Kei Endo (Molecular Genetics)</li><li><input type="checkbox"/> Koichi Matsuda &amp; Chizu Tanikawa (Clinical Genome Sequencing)</li><li><input type="checkbox"/> Yoichiro Kamatnai (Complex trait genomics)</li><li><input type="checkbox"/> Susumu Goyama (Molecular Oncology)</li><li><input type="checkbox"/> Ayako Suzuki (Medical Omics Data Analysis)</li><li><input type="checkbox"/> Makoto Yamagishi (Viral Oncology and Genomics)</li></ul> |
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|   |
|---|
| Intra-University Cooperative Laboratories |
|---|

- |   |
|---|
| <ul style="list-style-type: none"><li><input type="checkbox"/> Kenta Nakai (Functional Analysis in Silico, The Institute of Medical Science)</li><li><input type="checkbox"/> Yasushi Kawaguchi (Molecular Virology, The Institute of Medical Science)</li><li><input type="checkbox"/> Yoichi Furukawa (Clinical Genome Research, The Institute of Medical Science)</li><li><input type="checkbox"/> Yoshihiro Hirata (Advanced Genome Medicine, The Institute of Medical Science)</li><li><input type="checkbox"/> Masaaki Oyama (Medical Proteomics, The Institute of Medical Science)</li><li><input type="checkbox"/> Yuji Yamanashi (Genetics, The Institute of Medical Science)</li><li><input type="checkbox"/> Mutsuhiro Takekawa (Cell Signaling &amp; Molecular Medicine, The Institute of Medical Science)</li><li><input type="checkbox"/> Atsushi Iwama (Stem Cell and Molecular Medicine, The Institute of Medical Science)</li><li><input type="checkbox"/> Hideki Taniguchi (Regenerative Medicine, The Institute of Medical Science)</li><li><input type="checkbox"/> Ken Ishii (Vaccine Science, The Institute of Medical Science)</li><li><input type="checkbox"/> Tomoji Mashimo (Animal Genetics, The Institute of Medical Science)</li><li><input type="checkbox"/> Cevayir Coban (Malaria Immunology, The Institute of Medical Science)</li><li><input type="checkbox"/> Toshihumi Inada (RNA and Gene Regulation, The Institute of Medical Science)</li><li><input type="checkbox"/> Yasuhito Nanya (Hematopoietic Disease Control, The Institute of Medical Science)</li><li><input type="checkbox"/> Kei Sato (Systems Virology, The Institute of Medical Science)</li><li><input type="checkbox"/> Yasushi Saeki (Biomedical Sciences, The Institute of Medical Science)</li><li><input type="checkbox"/> Manabu Ozawa (Reproductive Systems Biology, The Institute of Medical Science)</li></ul> |
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- [ ] Satoshi Yamazaki (Cell Regulation, The Institute of Medical Science)
- [ ] Yukihide Tomari (RNA Function, Institute for Quantitative Biosciences)
- [ ] Reiko Shinkura (Molecular Virology, Institute for Quantitative Biosciences)
- [ ] Yoshimasa Takizawa (Chromatin Structure and Function, Institute for Quantitative Biosciences)

#### Inter-Institute Cooperative Laboratories

- [ ] Yukio Nishimura (Biomedical Sciences Group, Tokyo Metropolitan Institute of Medical Science)
- [ ] Katsutaka Ohishi (Functional Biomolecules Engineering, The National Institute of Advanced Industrial Science and Technology)
- [ ] Naohiro Noda (Functional Biomolecules Engineering, The National Institute of Advanced Industrial Science and Technology)
- [ ] Shintaro Iwasaki (RNA Systems Biology, RIKEN)
- [ ] Hiroyuki Seimiya (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)
- [ ] Akihiro Tomita (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)
- [ ] Ryohei Katayama (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)

#### Master Course, the Computational Biology Group

##### Core Laboratories

- [ ] Yutaka Suzuki (Systems Genomics)
- [ ] Koji Tsuda (Large-Scale Knowledge Discovery)
- [ ] Martin Frith (Large-Scale Bioinformatics)
- [ ] Hisanori Kiryu (Biological Network Analysis)
- [ ] Masahiro Kasahara (High-performance Analysis System)

##### Intra-University Cooperative Laboratories

- [ ] Tatsuhiko Tsunoda (Medical Science Mathematics, Department of Biological Sciences, School of Science)
- [ ] Shin-ya Kuroda (Systems Biology, Department of Biological Sciences, School of Science)
- [ ] Kaoru Sugimura (Multicellular Pattern Formation, Department of Biological Sciences, School of Science)
- [ ] Yu Toyoshima (Systems Biology for Neuroscience, Department of Biological Sciences, School of Science)
- [ ] Ryuichiro Nakato (Biological Functions, Institute for Quantitative Biosciences)

##### Inter-Institute Cooperative Laboratories

- [ ] Kentaro Tomii (Informatics of Molecular Functions, The National Institute of Advanced Industrial Science and Technology)
- [ ] Yutaka Saito (Informatics of Molecular Functions, The National Institute of Advanced Industrial Science and Technology)
- [ ] Riu Yamashita (Cancer Medical Informatics, National Cancer Centre)
- [ ] Susumu Goto (Life Science Databases, Joint Support-Center for Data Science Research)

Master Course, the Biomedical Innovation Course

Core Laboratories

[ ] Shingo Kano (Bio-Innovation Policy)

Intra-University Cooperative Laboratories

[ ] Kaori Muto (Public Policy, The Institute of Medical Science)

[ ] Masanori Nojima (Advanced Medicine Promotion, The Institute of Medical Science)

Inter-Institute Cooperative Laboratories

[ ] Jun Tomio (Public Health Group, National Institute of Public Health)



# Applicant's Guide (Doctoral Course)

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## Applicant Eligibility

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- Please refer to the Guidelines for Applicants to the 2025 Doctoral Course (the Guidelines, hereafter) for the applicant eligibility.
- In particular, foreign applicants should refer to “For non-Japanese applicants” at the beginning of Guidelines for Applicants.
- Those who have graduated from or are expected to graduate from a six-year undergraduate course in medicine, dentistry, veterinary medicine, or pharmacy, and those who wish to qualify by “⑥ through ⑧ for Regular Admission” indicated in “2. Applicant Eligibility” in the Guidelines, are subjected to individual eligibility screening before the admission application. Please ask Student Affairs Team for details and how to submit documents. For individual eligibility screening, it is necessary to contact the inquiry form on the Graduate School Entrance Examination website by May 9, 2024 (Thursday) for Schedule A, and by October 3, 2024 (Thursday) for Schedule B. Those with a doctoral degree but without a master's or professional degree must undergo the individual eligibility screening. Note that the individual eligibility screening will only determine whether the applicant is qualified to take the entrance examinations or not. Therefore, even after receiving the notification of acceptance of the individual eligibility screening, one will need to apply for the entrance exams on the online application system in the same way as regular applicants do.

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## Submitting Documents

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- The application must be filed through the online application system.
- When applying online, upload the Inquiry Sheet (Doctoral Course), Checklist (Doctoral Course), English score reports, and various certificates such as academic transcripts and graduation certificates in PDF format as supplementary documents. Certificates must be submitted at the time of the admission procedure.
- Individuals employed by corporations, government agencies, organizations, etc., who wish to enroll in school while maintaining their employment status, should consult closely with their first-choice advisor and submit a Study-Work Balance Plan (approximately one A4 page in length, format is free).
- Applicants who do not have Japanese as their native language can submit, as optional supplementary materials, certificates of Japanese language proficiency test results and records. We accept only JLPT N1 certificates.
- The deadline for the online application to Schedule A is Wednesday, June 12, and the deadline for the online application to Schedule B is Monday, November 18.
- Be sure to check the Graduate School's website (<https://www.k.u-tokyo.ac.jp/index.html.en>) and follow the instructions for online application and submission of documents and other materials.

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## Quota and Choosing Laboratories

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- The recruitment quota is for 24 people.
- Choose one supervisor you wish to be assigned to and fill in the 'Inquiry Sheet (Doctoral Course).'

- Before applying, be sure to contact your prospective supervisor. However, failure to make prior consultation does not preclude an applicant from applying.

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## Selection Procedure

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- GSFS has several types of admissions, the Regular Admission, a Special Selection for Applicants with Overseas Education, and Special Selection for Applicants with Professions. Nonetheless, our department, Department of Computational Biology and Medical Sciences (Dept of CBMS) does not provide a Special Selection for Applicants with Overseas Education. If you meet the criteria for *applicants with professions* below, you may select the Special Selection for Applicants with Professions.
  - Applicants with Professions: An applicant who has received written confirmation from their employer that they will work for the company for 30 hours or more per week while enrolled and will be compensated for such work.
- In our department, the applicants can use Japanese and/or English to fill in the Inquiry Sheet, to answer in Written Examination and Oral Examinations.

## Entrance Exam Dates for Schedule A

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The exams will be conducted mainly at the Kashiwa campus. The venue and other details will be communicated by e-mail.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Doctoral Course), academic transcripts, the English proficiency score reports (TOEFL iBT\*; only for applicable candidates) (the first-stage selection), Written Examination (Specialty; only for applicable candidates) (the second-stage selection), and the Oral Examinations (the third-stage selection). Applicants who select Special Selection for Applicants with Professions will take the same examination subjects as those in the Regular Admission. Our evaluation will place greater emphasis on their experience in their profession.

\* For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Be aware that other English scores such as TOEIC and IELTS are not accepted. TOEFL ITP tests are not conducted.

## Inquiry Sheet

The Inquiry Sheet (Doctoral Course) includes sections (1) through (4) shown below. Please follow the instructions in Inquiry Sheet (Doctoral Course) and answer within the word limit (for details, please refer to the Inquiry Sheet (Doctoral Course)).

Download the MS Word files of the Inquiry Sheet (Doctoral Course) and Checklist from the department's website (<https://www.cbms.k.u-tokyo.ac.jp/en/admission/schedule/>), and fill them out according to the instructions in the Applicant's Guide. After filling out the form, save it as a pdf file, check the layout, and submit the pdf file online.

- ① About prior consultations with the supervisor of first choice regarding research. (Approx. 50 words)

- ② Reasons for wishing to enter graduate school and the laboratory of the first-choice supervisor. (Approx. 300 words)
- ③ Your research theme in the first-choice lab. (Approx. 600 words)
- ④ Your career plan after completion of the doctoral course (approx. 150 words)

## **English**

Submit a score report(s) of the TOEFL iBT (TOEFL iBT Home Edition is not accepted; see Table 1), if applicable. Refer to “7. English Score Report” in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

## **Written Examination (Specialty)**

A written examination (specialty) will be conducted for the successful candidates of the first-stage selection (refer to Table 1 for the candidates). Applicants to the Medical Sciences group and the Computational Biology group must select and answer four questions out of a total of 12 questions from the fields of the life science, information science, and related fields. Applicants to the Biomedical Innovation course must select and answer two questions out of a total of six questions from the fields of intellectual property, bioethics, medical statistics and related fields. An English version will be available for applicants who selected it on the Inquiry Sheet. Answers should be written in English and/or Japanese. Details will be notified after the announcement of the successful candidates in the first-stage screening.

## **Oral Examination**

Oral examinations will be conducted for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. Oral examinations for the Biomedical Innovation course will be conducted at the Shirokanedai campus. The language (Japanese or English) declared on the Inquiry Sheet will be mainly used. Details will be notified after the announcement of the successful candidates in the first-stage screening.

## **Entrance Exam Dates for Schedule B**

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The exams will be conducted mainly at the Kashiwa campus. Details will be posted on the department's website after the completion of the Entrance Examination Schedule A.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Doctoral Course), academic transcripts, the English proficiency score reports (TOEFL iBT\*; only for applicable candidates) (the first-stage selection), Written Examination (Specialty; only for applicable candidates) (the second-stage selection), and the oral examinations (the third-stage selection).

\* For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Be aware that other English scores such as TOEIC and IELTS are not accepted. TOEFL ITP tests are not conducted.

\*\* There is a possibility that the number of questions, question selection method, and format of the written examination may be changed in the Entrance Examination Schedule B.

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## Exam Schedule

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The following schedule will be used. All times are in Japan Standard Time (JST).

### Entrance Exam Dates for Schedule A

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Written Examinations (Specialty; only for applicants to whom it applies) and Oral Examination will be conducted mainly at the Kashiwa campus in person.

|                   |               |  |
|-------------------|---------------|--|
| July 19, 2024     | Fri 12:00     | Announcement of the first-stage screening (posted on the department web site)                |
| August 6, 2024    | Tue           | Written Examination (Specialty)*   |
| August 7, 2024    | Wed 12:00     | Announcement of the second-stage selection (posted on the department web site)               |
| August 7, 2024    | Wed afternoon | Oral Examination** (the Biomedical Innovation course only; Shirokanedai Campus)              |
| August 8, 2024    | Thu           | Oral Examination (the Medical Sciences group & the Computational Biology group)**            |
| August 9, 2024    | Fri 12:00     | Announcement of the third-stage screening (posted on the department web site)                |
| September 4, 2024 | Wed 10:00     | Official announcement of successful candidates *** (posted on the Graduate School's website) |

\*The Written Examination is conducted only for the successful candidates who passed the first-stage selection (refer to Table 1).

\*\*The oral examination will be conducted only for the successful candidates of the second-stage selection. Oral Examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

\*\*\*Please refer to 10. Announcement of Results and Admission Procedures in the Guidelines and Table 1.

### Entrance Exam Dates for Schedule B

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Primarily, Written Examinations and Oral Examinations will be conducted in person at the Kashiwa campus.

|                   |               |   |
|-------------------|---------------|---|
| December 27, 2024 | Fri 12:00     | Announcement of the first-stage screening (posted on the department web site)   |
| January 14, 2025  | Tue           | Written Examination (Specialty)*  |
| January 15, 2025  | Wed 12:00     | Announcement of the second-stage selection (posted on the department web site)  |
| January 15, 2025  | Wed afternoon | Oral Examination** (the Biomedical Innovation course only; Shirokanedai campus) |
| January 16, 2025  | Thu           | Oral Examination (the Medical Sciences group & the Computational                |

|                   |           |  |
|-------------------|-----------|--|
|                   |           | Biology group)**   |
| January 28, 2025  | Tue 12:00 | Announcement of the third-stage screening (posted on the department web site)                |
| February 12, 2025 | Wed 10:00 | Official announcement of successful candidates *** (posted on the Graduate School's website) |

\*The Written Examination is conducted only for the successful candidates who passed the first-stage selection (refer to Table 1).

\*\*The oral examination will be conducted only for the successful candidates of the second-stage selection. Oral Examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

\*\*\*Please refer to 10. Announcement of Results and Admission Procedures in the Guidelines and Table 1.

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## Miscellaneous

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- If the applicant has not obtained the required degree(s) by the time of enrollment, he/she will not be enrolled even if he/she passes the examination, nor will he/she be allowed to change the time of enrollment.
- Please refer to the Guidelines and the department's web site (<http://www.cbms.k.u-tokyo.ac.jp/english/index.html>) for details.

## Personal Information Statement

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- The school shall use personal information of applicants such as names and addresses only for the purpose of selecting successful applicants (e.g., processing applications, conducting screening), announcing accepted applicants, and conducting admission procedures. This personal information will be used only for students who have enrolled in the program, and will be used for educational affairs (student registration, study, etc.), student support (health management, employment support, tuition waiver and scholarship applications, library use, etc.), and tuition fee collection. The examination results may be used in future studies for improving both the entrance examination system and the education at the University of Tokyo.

## Contact Information

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Please contact the Student Affairs Team for inquiries regarding the operation of the online application system, payment of the screening fees, submission of transcripts and degree certificates, residence cards, and visas. Inquiries concerning Inquiry Sheet, submission of the English proficiency score reports, CHSI certificate, Research/Work Balance Plan, employment certificate, and Written Examination and Oral Examinations should be addressed to the Admissions Committee of Department of Computational Biology and Medical Sciences.

## Student Affairs Team, Graduate School of Frontier Sciences, The University of Tokyo

Please check the '6. Frequently Asked Questions' on the website of the Graduate School of Frontier Sciences. Please

inquire using the inquiry form in '3. Inquiries about the entrance examination' of the entrance examination information.

- Admission Website: <https://www.k.u-tokyo.ac.jp/en/exam/info/>
- Frequently Asked Questions: <https://www.k.u-tokyo.ac.jp/en/exam/faq/index.html>
- Inquiry Form: <https://forms.office.com/r/QGh4j9VYXv>

### **Admissions Committee, Department of Computational Biology and Medical Sciences**

Please check the entrance examination information in the department's website's 'Frequently Asked Questions' section. Then, please contact us via email at the following email address.

- Admissions Page of the Department Website: <https://www.cbms.k.u-tokyo.ac.jp/en/admission/>
- Frequently Asked Questions: <https://www.cbms.k.u-tokyo.ac.jp/en/admission/faq/>
- e-mail: [nyushi-cbms@edu.k.u-tokyo.ac.jp](mailto:nyushi-cbms@edu.k.u-tokyo.ac.jp)

**Table 1: List of the Exam Subjects for the Groups and Course.**

Exam Subjects for the Doctoral Course in the Medical Sciences group

Schedule A

| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| English                  | -  | TOEFL iBT     | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | August        | August             | August           | August    |
| Oral Examination         | August (for those already graduated)<br>January (for those graduating) | August        | August             | August           | August    |

Schedule B

| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| English                  | -  | TOEFL iBT     | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | January       | January            | January          | January   |
| Oral Examination         | January (for those already graduated)<br>August (for those graduating) | January       | January            | January          | January   |

Examination Subjects for the Doctoral Course of the Computational Biology Group

Schedule A

| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| English                  | -  | TOEFL iBT     | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | August        | August             | August           | August    |
| Oral Examination         | August (for those already graduated)<br>January (for those graduating) | August        | August             | August           | August    |

Schedule B

|                          |  |               |                    |                  |           |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
| English                  | -  | TOEFL iBT     | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | August        | August             | August           | August    |
| Oral Examination         | January (for those already graduated)<br>August (for those graduating) | January       | January            | January          | January   |

Exam Subjects for the Doctoral Course in the Biomedical Innovation Course

Schedule A

|                          |  |               |                    |                  |           |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
| English                  | -  | -             | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | August        | August             | August           | August    |
| Oral Examination         | August (for those already graduated)<br>January (for those graduating) | August        | August             | August           | August    |

Schedule B

|                          |  |               |                    |                  |           |
|--------------------------|--|---------------|--------------------|------------------|-----------|
| Current affiliation      | CBMS Master  | UTokyo Master | Other Univ. Master | 6-year Undergrad | Others    |
| English                  | -  | -             | TOEFL iBT          | TOEFL iBT        | TOEFL iBT |
| Written Exam (Specialty) | -  | January       | January            | January          | January   |
| Oral Examination         | January (for those already graduated)<br>August (for those graduating) | January       | January            | January          | January   |

※ “those already graduated” in Schedule A include master course students who are graduating in September. “those already graduated” in Schedule B include master course students who are graduating in March.

※ “Others” indicates those who apply to ⑥-⑧ of (1) Regular Admission in the Guidelines.



**Table 2: How to Submit Documents and Deadlines (Schedule A)**

|   |  |  |
|---|--|--|
|   | Documents to be submitted online<br>(June 6 to June 12, 23:00 JST)   | Original certificates to be submitted**  |
| Personal details  | Online input   | Not necessary  |
| Inquiry Sheet   | Upload a pdf file created from a template form provided by the department. Upload only one file.   | Not necessary  |
| Checklist   | Upload a pdf file created from a template form provided by the department.   | Not necessary  |
| English score reports<br>(TOEFL iBT)  | Upload a PDF file when applying. * <sup>1</sup><br>Examination scores from September 1, 2022, onwards are valid.   | Required* <sup>2</sup><br>When applying online   |
| Academic transcripts  | Upload the PDF file. If the original is a paper, upload a scanned copy.  | Original academic transcript* <sup>3</sup><br>(at the time of the enrollment procedure)  |
| Graduation certificate<br>(degree certificate)  | Upload the PDF file. If the original is a paper, upload a scanned copy. Submit at the time of the enrollment procedure if not graduated at the time of application.                      | Original certificate* <sup>3</sup><br>(at the time of the enrollment procedure)  |
| CHSI certificate<br>(Only for examinees who graduated from a university in China)   | If you are a graduate at the time of application, upload a PDF file of the certificate. Submit at the time of the enrollment procedure if not graduated at the time of application.      | If you have not yet graduated at the time of application, please print the PDF file of the certificate and submit it to the Department of Computational Biology and Medical Sciences office. If you have already graduated at the time of application, submission is not required. |
| Research/Work Balance Plan<br>(If you wish to attend school while staying in service of a company, a government, or an organization.) | Upload a PDF file of the plan, approximately one page in A4 size (free format).  | Not necessary  |
| Certificate of Japanese Language Proficiency Test N1 (optional)   | Only the certificate of the JLPT N1 Japanese Language Proficiency Test results and scores will be accepted. Please upload a PDF file. If the original is a paper, upload a scanned copy. | Required* <sup>4</sup><br>(During the oral examination)  |

|   |               |  |
|---|---------------|--|
| Certificate of Employment<br>(Only for applicants who wish to apply for the Special Selection for Applicants with Profession) | Not necessary | Original employment certificate* <sup>5</sup><br>(at the time of the enrollment procedure) |
|---|---------------|--|

- \*1 Regarding the English proficiency score reports, either a pdf copy of a scanned Test Taker Score Report, or a screenshot (pdf) of the score you can see on the website of ETS must be submitted. Refer to “7. English Score Report” in the Guidelines for the details of accepted score reports, validity period, and sending procedures.
- \*2 During the online application period, please input the code for the "Department of Computational Biology and Medical Sciences" on the ETS website and have the official score report sent directly from ETS. The codes are DI (Designed Institution) code is "8001", and the Department code is "99".
- \*3 Failure to submit the original documents by the designated date may result in denial of enrollment. Original transcripts and graduation certificates (degree certificates) must be submitted to Student Affairs Team of the graduate school at the enrollment procedure.
- \*4 Please bring it to the oral examination and submit it to the staff before the start of the examination.
- \*5 Certification that you are working at least 30 hours per week with pay and have been approved by your company. Any format is acceptable. Failure to submit the certificate by the enrollment procedure may result in denial of enrollment. The certificate must be submitted to the office of Department of Computational Biology and Medical Sciences on the day of the enrollment procedure.

# Checklist (Doctoral Course) ver 1.0

Upon checking the documents uploaded at the time of application, please convert this checklist into a PDF and upload it as well.

Inquiry Sheet (Doctoral Course)

- Download the MS Word file from the department's web site and fill out the Inquiry Sheet and Checklist, save it as a PDF file, and upload them. (Please do NOT upload the MS Word file)

Checklist (Doctoral Course)

I submitted the TOEFL iBT score report in PDF format.

\* For Schedule A, the test date of the score reports must be September 1, 2022 or later.

I have mailed the (paper) English score certificate that corresponds to one I uploaded online, from ETS directly to GSFS.

I understand that I submit academic records/transcripts of an undergraduate course and a graduate course at the time of application and also that I must submit their original copies at the enrollment procedure.

\* Not required for those who have completed or will complete the master course at our graduate school.

- Academic transcripts of the undergraduate course (including the liberal arts course) and the master course (the first half of the doctoral course).

- When the record/transcript is not described in English/Japanese, please also attach the translation certified by a public institution such as the university you graduated from, an embassy/consulate, a government.

I understand that I submit the degree certificate of a graduate course and also that I must submit their original copy at the enrollment procedure.

\* Only when you have completed a graduate degree at the time of application.

\* Not required for those who have completed the master course at our graduate school.

If I have graduated from a university (graduate school) in China, in addition to the above-mentioned graduation certificate from the graduate school, I understand that I need to upload the Online Verification Report of Higher Education Degree Certificate from the China Higher Education Student Information Network (CHSI; 中国高等教育学生信息网) in pdf format at the time of application if I have already graduated, or print and submit the authentication report (認証報告) at the time of enrollment if I have not yet graduated.

I uploaded a Research/Work Balance Plan (Free format. Around 1 page in A4 size.) at the time of application.

- If you wish to attend school while staying in service of a company, a government, or an organization.

I understand that if I choose the Special Selection for Applicants with Profession, I will be required to submit proof of employment at the time of the enrollment procedures. \*\*Proof that you are working with pay and that your application has been approved by your company. Free format.

Japanese Language Proficiency Certificate (optional)

\* This is a certificate of the results and scores of the Japanese Language Proficiency Test (JLPT) N1.

# Inquiry Sheet (Doctoral Course) ver 1.0

Department of Computational Biology and Medical Sciences, Graduate School of Frontier Sciences

|  |  |
|--|--|
| Furigana   |  |
| Full Name<br>(in Kanji, if any)  |  |
| English Notation   |  |
| (only for those who graduated from a six-year undergraduate course)<br><input type="checkbox"/> a. Medicine <input type="checkbox"/> b. Dentistry <input type="checkbox"/> c. Veterinary Medicine <input type="checkbox"/> d. Pharmacy   |  |
| [Preferred language for the question booklet of Written Examinations (Specialty)] (Choose either)<br><input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English  |  |
| [Primary language for the Oral Examinations] (Choose either)<br><input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English   |  |
| [Prior Contact with the First-choice Supervisor]<br><input type="checkbox"/> a. Yes <input type="checkbox"/> b. No   |  |
| ① [Describe any prior consultations regarding research with your first-choice supervisor.]<br><i>(font size: 10pt, approx. 250 characters in Japanese or 50 words in English)</i><br><i>Please erase the italics before you write. Your text must fit within the frame.</i><br><i>If the text does not fit within the frame, make the text smaller.</i><br><i>If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.</i>           |  |
| ② [Reasons for wishing to enter graduate school and the laboratory of the first-choice supervisor.]<br><i>(font size: 10pt, approx. 600 characters in Japanese or 300 words in English)</i><br><i>Please erase the italics before you write. Your text must fit within the frame.</i><br><i>If the text does not fit within the frame, make the text smaller.</i><br><i>If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.</i> |  |

③ [Please describe the research theme you wish to pursue if you join the laboratory of your first-choice supervisor.]

*(font size: 10pt, approx. 1200 characters in Japanese or 600 words in English)*

*Please erase the italics before you write. Your text must fit within the frame.*

*If the text does not fit within the frame, make the text smaller.*

*If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.*

④ Envision and describe your career after completion of the doctoral course.

*(font size: 10pt, approx. 250 characters in Japanese or 150 words in English)*

*Please erase the italics before you write. Your text must fit within the frame.*

*If the text does not fit within the frame, make the text smaller.*

*If plagiarism (copying) by making someone else's text (book, paper, web page) appear to be their own, is found, you may not be considered for screening.*

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## Laboratory List (Schedule A)

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- Choose one supervisor from one of the Medical Sciences Group, the Computational Biology Group, and the Biomedical Innovation Course. Mark a circle in the bracket.
- Before applying, be sure to contact your prospective supervisor. However, failure to make prior consultation does not preclude an applicant from applying.
- Supervisors not listed will not be recruiting students for the 2025 academic year.

### Doctoral Course, the Medical Sciences group

#### Core Laboratories

- Nono Tomita (Biomolecules)
- Kozo Tomita (RNA Biology)
- Koichi Ito & Kei Endo (Molecular Genetics)
- Koichi Matsuda & Chizu Tanikawa (Clinical Genome Sequencing)
- Yoichiro Kamatnai (Complex trait genomics)
- Susumu Goyama (Molecular Oncology)
- Ayako Suzuki (Medical Omics Data Analysis)
- Makoto Yamagishi (Viral Oncology and Genomics)
- Masahide Seki (Multi-Omics Data Analysis)

#### Intra-University Cooperative Laboratories

- Kenta Nakai (Functional Analysis in Silico, The Institute of Medical Science)
- Yasushi Kawaguchi (Molecular Virology, The Institute of Medical Science)
- Yoichi Furukawa (Clinical Genome Research, The Institute of Medical Science)
- Yoshihiro Hirata (Advanced Genome Medicine, The Institute of Medical Science)
- Masaaki Oyama (Medical Proteomics, The Institute of Medical Science)
- Mutsuhiro Takekawa (Cell Signaling & Molecular Medicine, The Institute of Medical Science)
- Atsushi Iwama (Stem Cell and Molecular Medicine, The Institute of Medical Science)
- Hideki Taniguchi (Regenerative Medicine, The Institute of Medical Science)
- Ken Ishii (Vaccine Science, The Institute of Medical Science)
- Tomoji Mashimo (Animal Genetics, The Institute of Medical Science)
- Cevayir Coban (Malaria Immunology, The Institute of Medical Science)
- Toshihumi Inada (RNA and Gene Regulation, The Institute of Medical Science)
- Yasuhito Nanya (Hematopoietic Disease Control, The Institute of Medical Science)
- Kei Sato (Systems Virology, The Institute of Medical Science)
- Yasushi Saeki (Biomedical Sciences, The Institute of Medical Science)
- Manabu Ozawa (Reproductive Systems Biology, The Institute of Medical Science)
- Satoshi Yamazaki (Cell Regulation, The Institute of Medical Science)
- Yukihide Tomari (RNA Function, Institute for Quantitative Biosciences)
- Yoshimasa Takizawa (Chromatin Structure and Function, Institute for Quantitative Biosciences)

|   |
|---|
| <p>Inter-Institute Cooperative Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Yukio Nishimura (Biomedical Sciences Group, Tokyo Metropolitan Institute of Medical Science)</li> <li>[ ] Katsutaka Ohishi (Functional Biomolecules Engineering, The National Institute of Advanced Industrial Science and Technology)</li> <li>[ ] Naohiro Noda (Functional Biomolecules Engineering, The National Institute of Advanced Industrial Science and Technology)</li> <li>[ ] Shintaro Iwasaki (RNA Systems Biology, RIKEN)</li> <li>[ ] Hiroyuki Seimiya (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)</li> <li>[ ] Akihiro Tomita (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)</li> <li>[ ] Ryohei Katayama (Molecular Target Therapy of Cancer, Japanese Foundation for Cancer Research)</li> </ul>  |
| <p>Doctoral Course, Computational Biology Group</p>   |
| <p>Core Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Yutaka Suzuki (Systems Genomics)</li> <li>[ ] Koji Tsuda (Large-Scale Knowledge Discovery)</li> <li>[ ] Martin Frith (Large-Scale Bioinformatics)</li> <li>[ ] Hisanori Kiryu (Biological Network Analysis)</li> <li>[ ] Masahiro Kasahara (High-performance Analysis System)</li> </ul> <p>Intra-University Cooperative Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Tatsuhiko Tsunoda (Medical Science Mathematics, Department of Biological Sciences, School of Science)</li> <li>[ ] Shin-ya Kuroda (Systems Biology, Department of Biological Sciences, School of Science)</li> <li>[ ] Kaoru Sugimura (Multicellular Pattern Formation, Department of Biological Sciences, School of Science)</li> <li>[ ] Yu Toyoshima (Systems Biology for Neuroscience, Department of Biological Sciences, School of Science)</li> <li>[ ] Ryuichiro Nakato (Biological Functions, Institute for Quantitative Biosciences)</li> </ul> <p>Inter-Institute Cooperative Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Kentaro Tomii (Informatics of Molecular Functions, The National Institute of Advanced Industrial Science and Technology)</li> <li>[ ] Yutaka Saito (Informatics of Molecular Functions, The National Institute of Advanced Industrial Science and Technology)</li> <li>[ ] Riu Yamashita (Cancer Medical Informatics, National Cancer Centre)</li> <li>[ ] Susumu Goto (Life Science Databases, Joint Support-Center for Data Science Research)</li> </ul> |
| <p>Doctoral Course, Biomedical Innovation Course</p>  |
| <p>Core Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Shingo Kano (Bio-Innovation Policy)</li> </ul> <p>Intra-University Cooperative Laboratories</p> <ul style="list-style-type: none"> <li>[ ] Kaori Muto (Public Policy, The Institute of Medical Science)</li> </ul>  |



[ ] Masanori Nojima (Advanced Medicine Promotion, The Institute of Medical Science)

Inter-Institute Cooperative Laboratories

[ ] Jun Tomio (Public Health Group, National Institute of Public Health)