



2020 Kyoto University Amgen Scholars Program Application Guidelines

Key Dates

Application period opens	3 p.m. on November 1, 2019 (UTC+9 hours)
Application deadline	3 p.m. on February 3, 2020 (UTC+9 hours)
Notification of results	Early April 2020
Arrival (in Japan)	June 8, 2020
Program period	June 9 – August 8, 2020 (*)
Symposium (in Singapore)	August 6 – August 8, 2020
Departure (from Singapore)	August 9, 2020

*The program period includes the dates of the symposium.

1. Program Overview

(1) Program Period

June 9, 2020 - August 8, 2020

(2) Number of Participants

15 students

(3) Research Work

The Amgen Scholars Program at Kyoto University is eight weeks of intensive research in the sciences. Amgen Scholars will be assigned to one of several Kyoto University departments or interdisciplinary areas that traditionally support science and biotechnology research. These areas may include: biochemistry, bioengineering, biotechnology, chemistry, immunology, microbiology, molecular genetics, and neuroscience.

Placements will be made based on student interests and available spaces. While each Amgen Scholar will be assigned for supervision by a specific Kyoto University faculty member, supervision and guidance may also be provided by other persons associated with the supervising professor's lab, including graduate students and post-doctoral associates. All placements are full time (approximately 40 hours per week).

(4) Educational Activities

In addition to full-time research positions, Amgen Scholars also take part in a variety of educational activities, including:

- A seminar series in which faculty will give presentations on relevant research areas and critical professional issues. The seminars will be designed to expose students to cutting-edge research and broaden their understanding of opportunities in their graduate school and scientific careers.
- A poster session at the end of the program in which the participants will share their summer research projects with a larger audience.



3. Financial Support

(1) Travel Costs

Kyoto University stipulates the travel schedule and route, and provides an economy-class airline ticket. The inbound flight should arrive in Japan on June 8, and departing flight should leave Singapore on August 9. If the student cannot arrive in Japan or leave Singapore on the specified dates for personal reasons, no travel expenses will be provided.

For students from universities outside Japan:

Airline tickets are provided for flights between the nearest airport to the student's university and Osaka/Singapore by the most direct and economical route.

For students from universities in Japan (excluding Kyoto University students):

A round-trip ticket is provided for travel between the nearest airport to the student's university and Osaka, or between nearest train station to the student's university and Kyoto. A round-trip ticket between Osaka and Singapore for attending the Amgen Scholars Asia Symposium is also provided.

For Kyoto University students:

A round-trip ticket between Osaka and Singapore is provided for attending the Amgen Scholars Asia Symposium.

(2) Accommodation

All Amgen Scholars (excluding Kyoto University students) will be accommodated close to Kyoto University. The payment for accommodation will be made directly to the real estate agency by Kyoto University.

(3) Scholarship

180,000 yen will be provided to Amgen Scholars.

Scholars will receive: 90,000 yen at the beginning of the program

90,000 yen in the middle of July

(4) Amgen Scholars Asia Symposium

The Amgen Scholars Asia Symposium will take place in Singapore during the program period. Amgen scholars from Kyoto University will participate together with Amgen scholars from the other program participating universities in Asia. All meals and accommodation will be provided during the symposium. Attendance at the Asia Symposium is obligatory for those enrolled in the Amgen Scholars Program.

(5) Note: Health Insurance/Liability Insurance

All students must arrange their own private health insurance. Please be aware that neither the Amgen Foundation nor the Kyoto University can provide health insurance. All students must also enroll in Kyoto University's "Co-op Liability Insurance" upon arrival.



4. Program Requirements

Amgen Scholars at Kyoto University must agree to:

- Travel between the nearest airport to their university, Osaka and Singapore on the dates and the most economical routes designated by Kyoto University.
- Submit original boarding pass to Kyoto University.
- Stay at the accommodation designated and provided by Kyoto University for the duration of the program, including during the Amgen Scholars Asia Symposium.
- Undertake an eight-week intensive research project at one of the participating laboratories.
- Provide a copy of their valid passport to the program office as soon as their participation in the program is confirmed. If necessary, apply for the appropriate visa(s) for entry Japan and/or Singapore in a timely fashion.
- Assign any intellectual property that results from their work during the program to their supervisor in the first instance.
- Fully participate in the academic activities of the laboratories they are assigned to, attending any relevant research seminars and workshops.
- Attend the orientation, all required conferences, activities, and social events organized through the Amgen Scholars Program at Kyoto University.
- Provide feedback on the Amgen Scholars Program at Kyoto University.
- Contribute to media requests from the Amgen Foundation.
- Prepare a poster presentation on their work at the end of the program.
- Participate in the Amgen Scholars Asia Symposium.

Given the intensive nature of the program, participants will be unable to engage in other work or study during the period of the program. Applications from students who do not plan to be present at Kyoto University for the full duration of the program will not be considered.

5. Host Laboratories

Lab information, including eligibility requirements specific to individual lab, is available in the appendix.

6. Application Procedures

You must submit an online application. The link to the online application system will be activated on November 1.

(1) Statement of Purpose

In the online application system, you will be required to enter your "Statement of Purpose" in two columns. Each of the columns has space for a maximum of 3,000 characters (including spaces).

In your statement of purpose, be sure to:

- Describe why you chose a particular laboratory as your preferred host laboratory, and what you expect to learn at that laboratory.
- Propose a research project, which you plan to follow at your chosen laboratory. The proposal must include the background, purpose of your research, experimental methods, and anticipated results.



(2) (Two) Recommendation Letters

In the online application system, you are required to nominate two people to provide letters of recommendation. Immediately after you submit your application, an e-mail notification will be automatically sent to the two people that you nominate with instructions on how to submit a letter of recommendation on your behalf.

Be sure to notify the people you nominate and receive their consent before you enter their contact details in the online application system, so as to ensure that the e-mail notification is not overlooked. Please also ensure that you submit your application allowing sufficient time for the persons nominated to submit their letters of recommendation on or before 3:00 p.m., February 3, 2020 (Japan Standard Time [UTC + 9:00hrs.]).

There is no specific format for the letter of recommendation, but it should be written on departmental letterhead, including the recommender's signature. It should then be scanned and submitted as a PDF file.

(3) Uploading files

You will be required to upload the following files in PDF format.

- Official academic transcript of your college or university
- English test scores*²

(4) Application Period

The application period will commence at 3 p.m. on November 1, 2019*³.

The deadline for the submission of all application materials, including recommendation letters, is 3 p.m. on February 3, 2020*³.

7. Visa Information

If your application for the Amgen Scholars Program is successful, you will be required to provide a copy of your valid passport immediately. Those who require short term visas for entry to Japan and/or Singapore must obtain the necessary visa(s). The Amgen Scholars Program at Kyoto University will assist successful applicants with this process.

8. Program Office

International Education and Student Mobility Division, Kyoto University
E-mail: amgenscholars@mail2.adm.kyoto-u.ac.jp

*2) Applicants must prove a good working knowledge of English, demonstrated by a minimum TOEFL (iBT) score of 72, IELTS overall band score of 5.5, Cambridge English FCE, TOEIC score of 1095, TOEIC L&R score of 785, or TOEIC S&W score of 310, if not a native English speaker or English is not your first language.

*3) Based on Japan Standard Time [UTC +9:00hrs]

Appendix

Students will be assigned to one of 29 laboratories in 11 Graduate Schools/Institutes.

Affiliation	No	PI	Title	Research Area (keyword)
Graduate School of Science	1	Hiroshi SUGIYAMA	Professor	Chemistry / Molecular Medicine / Biochemistry / Chemical and Biomolecular Engineering
Graduate School of Medicine	2	Masatoshi HAGIWARA	Professor	Drug Discovery / Molecular, Cell and Developmental Biology / Molecular Pharmacology / Neuroscience
	3	Osamu TAKEUCHI	Professor	Immunology / Molecular, Cell and Developmental Biology
Graduate School of Engineering	4	Sejiro MATSUBARA	Professor	Chemistry
	5	Hiroshi KAGEYAMA	Professor	Chemistry
	6	Ryu ABE	Professor	Chemistry
	7	Hirofumi SATO	Professor	Chemistry
	8	Kazunari AKIYOSHI	Professor	Bioengineering / Chemistry / Chemical and Biomolecular Engineering / Immunology
	9	Itaru HAMACHI	Professor	Chemical and Biomolecular Engineering / Biochemistry / Neuroscience
	10	Yasuo MORI	Professor	Drug Discovery / Molecular, Cell and Developmental Biology / Molecular Medicine / Neuroscience
	11	Yuji HARA	Assoc. Professor	Biochemistry / Molecular Pharmacology / Molecular Medicine / Physiological Science
Graduate School of Agriculture	12	Kiyoshi YASUKAWA	Professor	Biochemistry / Biotechnology
Graduate School of Human and Environmental Studies	13	Naoki KOMATSU	Professor	Chemistry / Biochemistry / Drug Discovery
	14	Hideaki MIYASHITA	Professor	Microbiology / Biotechnology
Graduate School of Energy Science	15	Takashi SAGAWA	Professor	Chemistry / Chemical and Biomolecular Engineering / Bioengineering
Graduate School of Biostudies	16	Fuyuki ISHIKAWA	Professor	Biochemistry / Microbiology / Molecular, Cell and Developmental Biology / Molecular Genetics
	17	Hideya FUKUZAWA	Professor	Molecular Genetics / Microbiology / Biotechnology / Bioengineering
	18	Naoki WATANABE	Professor	Biotechnology / Molecular, Cell and Developmental Biology / Molecular Pharmacology / Neuroscience
	19	Shige H. YOSHIMURA	Assoc. Professor	Biochemistry / Bioengineering / Molecular, Cell and Developmental Biology / Molecular Medicine
	20	Peter CARLTON	Assoc. Professor	Molecular, Cell and Developmental Biology / Molecular Genetics / Bioinformatics
	21	Hiroshi HARADA	Professor	Microbiology / Molecular Genetics

(continued to the next page)



Affiliation	No	PI	Title	Research Area (keyword)
Institute for Chemical Research	22	Masaharu NAKAMURA	Professor	Chemistry / Molecular Medicine
Institute of Advanced Energy	23	Takashi MORII	Professor	Chemistry / Biochemistry / Chemical and Biomolecular Engineering / Biotechnology
Center for iPS Cell Research and Application	24	Wataru FUJIBUCHI	Professor	Bioinformatics / Molecular, Cell and Developmental Biology / Statistics
Institute for Advanced Study	25	Shuhei FURUKAWA	Assoc. Professor	Chemistry
	26	Ken-ichiro KAMEI	Assoc. Professor	Biotechnology
	27	Jun SUZUKI	Professor	Biochemistry / Immunology / Molecular Genetics / Molecular Medicine
	28	Fuyuhiko TAMANOI	Professor	Biochemistry / Drug Discovery / Molecular Medicine
	29	Motomu TANAKA	Professor	Bioengineering / Biotechnology / Chemical and Biomolecular Engineering / Molecular, Cell and Developmental Biology