



## 2019 Kyoto University Amgen Scholars Program Application Guidelines

### Key Dates

Application period opens	3 p.m. on November 1, 2018 (UTC+9 hours)
Application deadline	3 p.m. on February 1, 2019 (UTC+9 hours)
Notification of results	Early April 2019
Arrival (in Japan)	June 10, 2019
Program period	June 11 – August 4, 2019 (*)
Symposium (in Singapore)	August 3 – August 4, 2019
Departure (from Singapore)	August 5, 2019

\*The program period includes the dates of the symposium.

### 1. Program Overview

#### (1) Program Period

June 11, 2019 - August 4, 2019

#### (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 several of 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.



## 2. General Eligibility

The Amgen Scholars Program at Kyoto University aims to support international and domestic students so they can study at Kyoto University as vacation scholars.

In accordance with an instruction from the Amgen Foundation, Kyoto University selects half of the annual participants from colleges and universities throughout Asia\*1, while the other half may come from colleges and universities across the globe.

Amgen Scholars Asia Program applicants must be undergraduate students who are:

- Enrolled in colleges or universities worldwide that award a bachelor's degree (or its equivalent); and
- At minimum, have completed their first year of undergraduate study at the time the summer program begins, and
- Are not graduating before the summer program begins, and after the summer program ends will resume undergraduate studies for at least 1 semester or quarter

Asia Program applicants must also have:

- A strong record of academic performance; and,
- 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, and
- An interest in pursuing a Ph.D.

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\*1) Asia is defined based on the 'Classification of Countries by Region' by the United Nations Department of Economic and Social Affairs / Population Division World Population Prospects: The 2017 Revision. This currently includes the following countries/areas. Note that Russia is also included in Asia.

- Eastern Asia                           China; China, Hong Kong SAR; China, Macao SAR; China, Taiwan Province of China; Democratic People's Republic of Korea; Japan; Mongolia; Republic of Korea
- South-Eastern Asia                 Brunei Darussalam; Cambodia; Indonesia; Lao People's Democratic Republic; Malaysia; Myanmar; Philippines; Singapore; Thailand; Timor-Leste; Viet Nam
- Central Asia                         Kazakhstan; Kyrgyzstan; Tajikistan; Turkmenistan; Uzbekistan; Afghanistan; Bangladesh; Bhutan; India; Iran (Islamic Republic of); Maldives; Nepal; Pakistan; Sri Lanka
- Western Asia                         Armenia; Azerbaijan; Bahrain; Cyprus; Georgia; Iraq; Israel; Jordan; Kuwait; Lebanon; Oman; Qatar; Saudi Arabia; State of Palestine; Syrian Arab Republic; Turkey; United Arab Emirates; Yemen



### 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 10, and departing flight should leave Singapore on August 5. 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 1, 2019 (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, 2018\*3.

The deadline for the submission of all application materials, including recommendation letters, is 3 p.m. on February 1, 2019\*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

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\*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 22 laboratories in 10 Graduate Schools/Institutes.

Affiliation	PI	Title	Research Area (keyword)
Graduate School of Medicine	Masatoshi HAGIWARA	Professor	Molecular Pharmacology / Neuroscience / Molecular, Cell and Developmental Biology / Drug Discovery
	Shunichi TAKEDA	Professor	Medical Pharmacology / Molecular Genetics / Molecular Pharmacology / Drug Discovery
	Masayuki YOKODE*	Professor	Biochemistry / Molecular, Cell and Developmental Biology / Molecular Medicine / Drug Discovery
Graduate School of Engineering	Seijiro MATSUBARA	Professor	Chemistry / Molecular Pharmacology
	Hiroshi KAGEYAMA	Professor	Chemistry
	Ryu ABE	Professor	Chemistry
	Hirofumi SATO	Professor	Chemistry
	Itaru HAMACHI	Professor	Chemical and Biomolecular Engineering / Biochemistry / Neuroscience
	Yasuo MORI	Professor	Biochemistry / Molecular Medicine / Molecular Pharmacology
Graduate School of Agriculture	Kiyoshi YASUKAWA	Professor	Biochemistry / Biotechnology / Molecular Medicine
Graduate School of Energy Science	Takashi SAGAWA	Professor	Chemistry / Chemical and Biomolecular Engineering / Bioengineering
Graduate School of Human and Environmental Studies	Naoki KOMATSU	Professor	Chemistry / Biochemistry / Biotechnology
	Hideaki MIYASHITA	Professor	Microbiology / Biotechnology
Graduate School of Biostudies	Fuyuki ISHIKAWA	Professor	Biochemistry / Molecular, Cell and Developmental Biology / Molecular Genetics
	Hideya FUKUZAWA	Professor	Bioengineering / Biotechnology / Microbiology
	Shigehiro YOSHIMURA	Associate Professor	Biochemistry / Bioengineering / Molecular, Cell and Developmental Biology
	Peter CARLTON	Associate Professor	Molecular, Cell and Developmental Biology / Molecular Genetics
	Hiroshi HARADA	Professor	Molecular, Cell and Developmental Biology / Molecular Medicine / Drug Discovery
Institute for Chemical Research	Masaharu NAKAMURA	Professor	Chemistry
Institute of Advanced Energy	Takashi MORII	Professor	Chemistry / Biochemistry / Bioengineering
Center for iPS Cell Research and Application	Wataru FUJIBUCHI	Professor	Bioinformatics / Molecular, Cell and Developmental Biology / Statistics
Institute for Advanced Study	Shuhei FURUKAWA	Associate Professor	Chemistry

\*The supervisor will be Associate Professor Hiroshi KONDO.