

Press Release

**Announcement of 10 Grant Recipients
for 11th Shiseido Female Researcher Science Grant**

~ Supporting Female Researchers Who Will Play a Leading Role in the Future
and Broadening Perspectives for the Next Generation ~

Shiseido Company, Limited (hereinafter “Shiseido”) has selected 10 grant recipients for the 11th Shiseido Female Researcher Science Grant (total number of applicants: 126 people). The grant is established based on the idea that supporting female researchers who will lead the next generation contributes to the development of science and technology. This grant award has expanded research areas beyond cosmetics-related studies and does not set any age limits or requirement of submitting a letter of recommendation from a professor as part of the application process. Furthermore, the recipients are allowed to use the funds for a wider range of purposes including support in their particular life stage if the aim is solely to advance their research. More than half of nearly 100 past recipients were promoted after receiving this grant and expanded their field of activities even further. Going forward, Shiseido will continue to support outstanding female researchers in pursuing their research activities and contribute to nurturing female researchers who will play a leading role in science.

The grant award ceremony is scheduled to be held on Friday, July 6th, and the recipients will each receive a grant of one million yen from Shiseido.

Background to the Establishment of the Shiseido Female Researcher Science Grant

The number of female researchers in Japan reached the largest on record last year and accounted for 15.7% of total researchers, renewing the record high percentage*¹. However, that is still significantly lower than in other countries (e.g., 45.6% in Iceland which ranked first, and 34.3% in the U.S. at the 14th place)*². One of the reasons for this disparity is that women are more susceptible than men to life stages such as giving birth, childcare, and taking care of elderly parents, while at the same time the support infrastructure is insufficient. In view of these circumstances, Shiseido established this Shiseido Female Researcher Science Grant in 2007 with the purpose of supporting female researchers specializing in natural science who are aiming to be leaders in their respective fields.

*¹ Based on the Survey of Research and Development 2017, Ministry of Internal Affairs and Communications, Japan.

*² Based on the White Paper on Gender Equality 2017, Gender Equality Bureau, Cabinet Office, Japan.

**SCIENCE
GRANT**

SHISEIDO FEMALE RESEARCHER

Supporting Female Researchers

This grant targets various research areas and is applicable to female researchers engaged in all natural science fields. Shiseido allows these funds to be used not only to cover research expenses including purchase of reagents and equipment but also for other purposes such as conference-related expenses and hiring babysitters or research assistants to support female researchers to continue their research without concerning about their particular life stage. Winning an award of this grant contributes to women moving up a career ladder in and outside of academia.



10th grant presentation ceremony

11th Shiseido Female Researcher Science Grant: Outline of Grant Award Ceremony

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| Name: | 11th Shiseido Female Researcher Science Grant Award Ceremony |
| Date: | Friday, July 6 th , 2018, 10:00-12:30 |
| Place: | Space FS Shiodome (Shiodome FS Building 3F, 1-1-16 Higashi-Shimbashi, Minato-ku, Tokyo) |
| Ceremony Agenda: | <ul style="list-style-type: none"> • Greeting by Ceremony host (Youichi Shimatani, Chairman of the Grant Committee, Corporate Executive Officer, Shiseido Co., Ltd.) • Commemorative trophy presentation / Speeches by the 11th and 10th Grant recipients • Congratulatory speech by outside committee member [Dr. Kashiko Kodate, the Grant Committee member, Professor at the University of Electro-Communications and Professor Emeritus at Japan Women's University] • Keynote address 'Hail the Winners!' [Dr. Sachiko Matsushita, Associate Professor at Tokyo Institute of Technology (1st Grant recipient)] [Dr. Harumi Sato, Professor at Kobe University (2nd Grant recipient)] |

11th Shiseido Female Researcher Science Grant: List of Grant Recipients

Grant Period: June 2018 - May 2019

| Name | Affiliated Institution | Post | Research Theme (Brief Explanation) |
|-----------------------------|--|------------------------|---|
| Aiko Ishiki, M.D., Ph.D. | Department of Geriatric Medicine and Neuroimaging, Tohoku University Hospital | Assistant Professor | 【Clinical medicine / Brain science】 Detection of amyloid β pathology in Alzheimer's disease using phase difference enhanced imaging. (Development of a technology that visualizes the protein that causes Alzheimer's disease in the brain by using MRI images at the hospital.) |
| Ayako Fukunaka, Ph.D. | Lab of Developmental Biology & Metabolism, Institute for Molecular & Cellular Regulation, Gunma University | Research Assistant | 【Metabology / Zinc biology】 The elucidation of the role of zinc homeostasis in life-style associated diseases. (Molecular-level elucidation of the role of zinc homeostasis in diabetes and obesity.) |

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| Ayano Chiba, Ph.D. | Department of Physics, Faculty of Science and Technology, Keio University | Lecturer | 【Condensed matter physics / Physics of liquids / High pressure properties】 Particle-size measurement using two-dimensional self-assembly. (A simple method for measuring tiny particles which are smaller than the width of a hair.) |
| Kyoko Hida, D.D.S, Ph.D. | Department of Oral Pathology and Biology, Faculty of Dental Medicine, Hokkaido University | Professor | 【Basic medical science / Cell biology / Tumor biology / Dentistry】 Development of a novel anti-cancer strategy to overcome drug resistance by targeting tumor angiogenesis. (Research to overcome drug resistance in cancer cells.) |
| Mamiko Asano, Ph.D. | Research Institute for Sustainable Humanosphere, Kyoto University | Researcher | 【Microwave chemistry / Cell biology / Cancer therapeutics】 A fundamental study on the development of refractory breast cancer therapies by use of microwave normothermic irradiation. (Development of refractory breast cancer therapies by use of microwave.) |
| Mihoko Maruyama, Ph.D. | Osaka University, Graduate School of Engineering Kyoto Prefectural University, Graduate School of Life and Environmental Sciences | JSPS Research Fellow, RPD Specially Appointed Associate Professor (Part-time) | 【Crystal growth】 Polymorph control of pharmaceutical candidate compound by laser technology. (Development of a basic technology that realizes “inexpensive and effective drug” by use of laser.) |
| Momoko Deura, Ph.D. | Department of Materials Engineering, School of Engineering, the University of Tokyo | Assistant Professor | 【Crystal engineering】 Heteroepitaxial growth of high-quality crystal by internal stress relaxation using voids. (Creation of semiconductor device that enriches our lives by using a new crystal growth technology.) |

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| Sayaka Miyabe, Ph.D. | Course of Materials Science & Engineering, Division of Materials & Manufacturing Science, Graduate School of Engineering, Osaka University | Assistant Professor | 【Biomaterials / Sustainable engineering materials / Electrochemistry】Development of self-organized nanopore structure formed on metal surface as a drug platform for drug delivery system. (Research to control the quantity and duration of drug presence and drug release period by administering a drug through nano-sized pores formed on metal surface of medical device.) |
| Sayaka Sugiyama, Ph.D. | Niigata University, Graduate School of Medical and Dental Sciences | Associate Professor | 【Neuroscience】 Mechanisms for brain development by experience. (Research to identify the genes that are essential for the growth of child's brain.) |
| Seira Morimune-Moriya, Ph.D. | Department of Applied Chemistry, College of Engineering, Chubu University | Senior Assistant Professor | 【Polymer-based composite materials】 Development of high performance nylon 66 nanocomposites with chemically modified nanodiamond. (Research to provide excellent physical properties to nylon 66 nanocomposites by adding nano-sized diamonds.) |

Names listed in alphabetical order without honorifics.