

Translation

Chugai Offers Biology Laboratory Class for Elementary School Students

June 13, 2014 - Chugai Pharmaceutical Co., Ltd. [Head Office: Chuo-ku Tokyo; Chairman & CEO: Osamu Nagayama] (hereafter, "Chugai") announced today that it will host a biology laboratory class for elementary school students titled "What is a gene? ~Observation of cells and extraction of DNA.~" The class will be offered in collaboration with the Science Museum and the NPO group "Life Bio Plaza 21" as part of Chugai's social contribution activities.

Chugai has been hosting social contribution and educational activities for kids since 2008 to help foster children's interest in science by giving them opportunities to have fun with science. Continuing on from last year's program, the theme this summer is "genes." Students will observe cells taken from onions and their own oral mucosa to learn the difference between plant and animal cells. They will also extract DNA from bananas. Chugai employees will join the laboratory class as volunteer instructors and help convey the fun of science to the children.

In past years, the laboratory classes were organized for elementary and junior high school students, but in 2013 the program was revamped and expanded to offer classes for high school students as well. This year, too, Chugai is planning to hold a variety of science laboratory classes specifically designed for each age group.

Chugai's mission is to "dedicate itself to add exceptional value through the creation of innovative medical products and services for the benefit of the medical community and human health around the world." Based on this philosophy, Chugai has been carrying out a wide range of activities from the perspective of contributing to fostering and training the future generation of leaders in science and technology. We are continuously dedicated to actively undertaking the education of the next generation on health-related issues as part of our social contribution activities.

【Overview of the laboratory class】

Name of event:

Chugai Pharmaceutical presents the Biology Laboratory Class: "What is a gene?
~Observation of cells and extraction of DNA~"

Dates:

July 19, 2014 (Sat) 10:30 a.m. to 12:30 p.m., 2:00 p.m. to 4:00 p.m.

July 20, 2014 (Sun) 10:30 a.m. to 12:30 p.m., 2:00 p.m. to 4:00 p.m.

Venue:

Experimental Stadium L, 4F, the Science Museum, Tokyo

Participation:

Free of charge

Eligibility:

Elementary school children in grades 4 to 6

Number of participants:

24 students per class (4 classes over 2 days)

【Schedule for upcoming biology laboratories】

- Biology laboratory for junior high school students

Name of the event:

Chugai Pharmaceutical presents a Biology Science Laboratory (Applied course): “Luminous Lives ~Mechanism of lumination and applications for medical services and industry~”

Dates:

August 10, 2014 (Sun)

Eligibility:

Junior high school students

- Biology science laboratory for high school students

Name of event:

Roche Diagnostics and Chugai Pharmaceutical present a biology science laboratory: “What meat is this? - Verification of beef, pork and poultry contained in foods, using real-time PCR -”

Dates:

August 28, 2014 (Thu)

August 29, 2014 (Fri)

Eligibility:

High school students

For further information on upcoming biology science laboratories, please refer to the Science Museum (<http://www.life-bio.or.jp/>) and Life Bio Plaza 21 (<http://www.life-bio.or.jp/>.)

(Both websites are available in Japanese only.)

<Reference>

Chugai will remain aware of its role and responsibility as a good corporate citizen and contribute to the development of the local community and society through social action programs, primarily in the fields of "healthcare," "social welfare," "education," "local community," and "environmental protection," maintaining close ties with the community and society. In this way, Chugai is proceeding with our society. The company's policy and activities are published in its official web site. <http://www.chugai-pharm.co.jp/english>

- Chugai's educational activities –

- **Course at The University of Tokyo on Pharmaceutical industry**

Faculty of Economics, The University of Tokyo invites specialists from the respective areas of industry as instructors to give lectures on "Industrial Affairs". The purpose of these lectures is to address the features of the respective industries, the current situation of the industry, as well as future trends. The theme for 2013 was set as the pharmaceutical industry, one of the industries that is expected to drive the future of the Japanese economy, and Chugai planned and handled operations of the lectures.

- **Endowed Course at Waseda University**

Since 2011, Chugai has established an endowed course that provides students with an opportunity to voluntarily face health care, a familiar subject by nature, and also to think about their future careers through considering medical problems (especially cancer) as one of the social issues.

- **Endowed Course at Keio University**

Since 2012, Chugai has established an endowed course that offers, from diverse perspectives such as medical policies and health and hygiene, classes that use "health" as the keyword in both regional and global aspects. The aim is to encourage the students to voluntarily work and solve problems relating to health, which is one of the social issues.

- **Official partner for The National Museum of Emerging Science and Innovation (Miraikan)**

Since 2011, Chugai has been supporting, as an official partner, the National Museum of Emerging Science and Innovation (Miraikan, Koto-ku, Tokyo) that aims to activate the communication between science & technology and society, including exhibitions within the facility as well as outreach activities performed at external venues .

- **Co-sponsorship of Youngsters' Science Festival**

Since 2008, Chugai has co-sponsored the Youngsters' Science Festival held by the Science Museum (Chiyoda-ku, Tokyo), where Chugai has set up a permanent exhibit entitled "Dr. Kitanomaru's Bio Pharmaceutical Laboratory". This event was aimed to provide a hands-on experience that gives children a sense of the fun and excitement of science.

- **Biotech-Lab for Kids**

Since 2008, Chugai has hosted the Biotech-Lab for Kids at the Science Museum (Chiyoda-ku, Tokyo), which is intended to show children that science can be fun.

- **Chugai Eco-Kids Program**

Since 2007, Chugai has held an environmental education program “Chugai Eco-Kids Program” for the children of Chugai Group employees.

- **Private-Sector Training of Teachers**

Since 2004, Chugai has been accepting participants of a program that gives school teachers training at private companies in order to deepen their understanding of corporate activities and put the experience to use in the classroom and in school administration.