

Memorandum Signed with Five Danish Universities for Collaboration in Research and Development

Osaka, Japan, August 31, 2012 - Shionogi & Co., Ltd. (Head Office: Osaka; President & CEO: Isao Teshirogi, Ph.D.; hereafter “Shionogi” or “the Company”) hereby announces that it has signed a memorandum for R&D collaboration with five Danish universities, based on the international industry-academia collaboration agreement that was entered into with the Kingdom of Denmark (hereafter “Denmark”) in April 2011.

By signing this memorandum, Shionogi will implement in Denmark the SHIONOGI Science Program, which the Company is working on as part of its globalization of industry-university collaboration. In addition, Shionogi will gradually expand the network, have exchange with academic human resources in Denmark, and further push forward with the globalization of industry-university collaboration.

The main details of this memorandum are as follows.

Memorandum signed with five universities

Aalborg University
Aarhus University
Technical University of Denmark
University of Copenhagen
University of Southern Denmark

Main points agreed on

1. Establish a cooperative research relationship whereby Shionogi matches the seeds of research organizations in Danish universities with its drug-discovery technology and needs for drug discovery, and carry out joint research on items that match.
2. Promote personnel exchange with research organizations in universities in Denmark as Shionogi aim to develop international human resources.

Reference

SHIONOGI Science Program

The SHIONOGI Science Program is based on the company policy to: “Constantly strive to provide medicine of the best possible kind essential for protection of the health of the people”. Under this basic policy we are making a serious effort to have collaboration between industry and academia so that we can identify novel drug seeds globally and develop them into superior pharmaceuticals, as we aim to continue providing excellent pharmaceutical products to many people. This program began in the UK in 2011, and we have researchers in the UK come up with creative ideas and then we work together to commercialize them. This

year, we are conducting the program in seven countries: Australia, Belgium, Denmark, Japan, Luxembourg, the Netherlands, and the United Kingdom.

Aalborg University

Aalborg University is located in Aalborg, Denmark's fourth largest city, in the northern part of the Jutland Peninsula. It was founded in 1974, but its learning program dates back as far as 1768. In order to meet the country's needs in the areas of education, research and technological innovation, Aalborg University is working hard to have collaboration with universities, research institutions and companies, both in Denmark and overseas. In a survey by the Confederation of Danish Industry (equivalent to Japan's Keidanren (Japan Business Federation)), it was named as a desirable partner for companies in the area of research and development and is vying for top spot in that regard along with the Technical University of Denmark. In addition, it is making efforts for research and education by seeing things from an international perspective and striving to employ international education staff, have student exchange programs, and develop international collaboration. It was ranked 362nd in the Times Higher Education's QS World University Ranking 2011.

Aarhus University

Aarhus University is located in Aarhus, Denmark's second largest city, and it was founded in 1928. It is the country's second largest university. After merging with the Industrial Technology Research Institute in 2006 and the National Institute for Environmental Studies and the Institute of Agricultural Sciences in 2007, it now has about 34,000 students (3,000 students in the area of life sciences) and 9,000 staff. After the merger, in 2011, it reduced the number of departments from the previous nine to four including Health Science. It has 26 faculties. Its Health Science department is focused on basic research, translational research, and interdisciplinary research. So far, it has produced a Nobel Laureate in Economics, and a winner of the Nobel Prize in Chemistry. It was ranked 79th in the Times Higher Education's QS World University Ranking 2011.

Technical University of Denmark

Located in the northern part of the Danish capital, Copenhagen, it was founded in 1829 as the first Engineering College in Denmark. So far, it has produced a number of engineers who are active in the public sector and industry, and it is focusing on developing human resources and engineers that are required in the fields of modern industry and science. In particular, it is well known for taking a multi-disciplinary research approach to systems biology that spans various fields including biotechnology, chemistry and physics. It is counted as one of the most successful and pioneering engineering colleges in Europe that is leading the way in state-of-the-art industrial technology in Europe. It was ranked 150th in the Times Higher Education's QS World University Ranking 2011.

University of Copenhagen

The University of Copenhagen has about 37,000 students and over 7,000 staff, and is the largest research and educational institution in Denmark. It has a history going back over 530 years (it was founded in 1479), which makes it one of the oldest universities in Northern Europe. It has several campuses around Copenhagen, over which are spread about 100 research institutions, faculties, laboratories, centers, museums

and such like. In 2007, two universities were integrated into the University of Copenhagen to form Northern Europe's largest Health and Life Sciences center. It has 7,500 students studying life sciences. It has produced eight Nobel Prize winners so far, of which five have won the Nobel Laureate prize in Medicine, including Niels K. Jerne. In addition, the University of Copenhagen is a member of the International Alliance of Research Universities (IARU), of which the University of Tokyo is also a member. It was ranked 52nd in the Times Higher Education's QS World University Ranking 2011.

University of Southern Denmark

The University of Southern Denmark was formed in a merger between Odense University, founded in 1966, Southern Denmark School of Business and Engineering, and South Jutland University Center in 1998. It is Denmark's third largest university and it stretches over six campuses. There are 20 departments and 25 research institutes under the Faculty of Engineering, Faculty of Medicine, Faculty of Humanities, Faculty of Science, and Faculty of Sociology. Utilizing its strong ties with the community and industry, it is a university that can boast of having a pioneer spirit as it tries to open up new horizons of learning. In the area of Health Science, it carries out a range of activities from basic biomedical research and clinical research to projects for promoting health. It was ranked 311th in the Times Higher Education's QS World University Ranking 2011.

Forward-looking Statements

This announcement contains forward-looking statements. These statements are based on expectations in light of the information currently available, assumptions that are subject to risks and uncertainties which could cause actual results to differ materially from these statements. Risks and uncertainties include general domestic and international economic conditions such as general industry and market conditions, and changes of interest rate and currency exchange rate. These risks and uncertainties particularly apply with respect to product-related forward-looking statements. Product risks and uncertainties include, but are not limited to, completion and discontinuation of clinical trials; obtaining regulatory approvals; claims and concerns about product safety and efficacy; technological advances; adverse outcome of important litigation; domestic and foreign healthcare reforms and changes of laws and regulations. Also for existing products, there are manufacturing and marketing risks, which include, but are not limited to, inability to build production capacity to meet demand, unavailability of raw materials and entry of competitive products. The company disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise.

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