For Immediate Release

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Daiichi Sankyo to Facilitate New Drug Discovery in 2017 through Collaborative Research and Grants

**TOKYO, Japan** (March 23, 2017) – Daiichi Sankyo Company, Limited (hereafter, Daiichi Sankyo) today announced its TaNeDS (<u>Ta</u>ke a <u>Ne</u>w challenge for <u>D</u>rug di<u>S</u>covery) collaborative drug discovery project for 2017. The company will select research partners for the project from among researchers based in Japan.

1. Background

Daiichi Sankyo has operated the collaborative research and grant program TaNeDS since 2011 as one aspect of open-innovation, conducting drug discovery research with domestic academic researchers. Since 2013, Daiichi Sankyo has expanded the scope of the program and sought drug discovery research possibilities overseas as well.

In 2017, Daiichi Sankyo will implement the program again with the aim of increasing collaborative opportunities with researchers in Japan.

#### 2. Overview of TaNeDS

#### (1) Multi-entrance

The TaNeDS project will accept entries for a range of themes, including exploratory research, collaborative research, early-stage drug discovery and concepts for inventions. Themes covering all stages, from the initial phase of research to practical use, will be accepted. In order to attract a variety of entries, both individual researchers and groups will be welcomed.

(2) Multi-exit

To efficiently realize practical uses from research results, a number of outcomes are foreseen, including further investigations into discovered results, collaborative research and technical research on drug creation, and utilization of OiDE projects\* aimed at fostering intellectual property or technologies from a business viewpoint.

\* Open innovation projects funded by the OiDE fund (Open innovation for the Development of Emerging technologies, which is managed by Mitsubishi UFJ Capital) jointly established by Daiichi Sankyo and Mitsubishi UFJ Capital in 2013.

### 3. Project overview

### (1) How to apply

Four project types have been set up for 2017.

	Project type	Duration*1	Funding (total)*2
Drug discovery target verification			Up to 10 million yen
Drug discovery technology or pharmaceutical technology verification		From signing of contract to March	Up to 10 million yen
	<ul> <li>Next generation protein/nucleic acid identification &amp; measurement technology</li> <li>In silico modeling of human diseases</li> </ul>	31, 2019	Up to 20 million yen
Compound dona	tion	For six months from signing of contract	Donation of compounds only

Target project number: about 15 (including Daiichi Sankyo subsidiary companies' projects) across project types

### Drug discovery target verification

Research themes that will lead to the verification of new drug targets regarding elements found in exploratory/discovery research through methods including analysis of body functions and of pathology samples will be accepted. In some areas, research themes aimed at identifying molecules with potential to become new drug discovery targets (discovery research) will also be accepted.

#### Drug discovery technology or pharmaceutical technology verification

Research and technological themes that will invigorate or improve the efficiency of drug discovery research or solve issues in pharmaceutical manufacturing process development will be accepted.

#### Compound donation

Research themes aiming to treat new indications with known drugs using Daiichi Sankyo's drug repositioning compound library will be accepted.

Depending on the theme, either a collaborative feasibility study together with Daiichi Sankyo's (or Daiichi Sankyo Group's) researchers or joint research using Daiichi Sankyo's (or Daiichi Sankyo Group's) existing research infrastructure will be conducted.

Potential for further research will be assessed on the basis of the results of above studies.

<sup>\*1</sup> Project duration subject to change based on research with a maximum of two years.

<sup>&</sup>lt;sup>\*</sup>2 Within 5 million yen per project for Daiichi Sankyo Group projects.

## (2) Desired research themes

Drug discovery target	Drug discovery technology or pharmaceutical	Compound donation
verification	technology verification	
-Oncology (*)	-Biomarker discovery/verification	-Repositioning-oriented
-Cardiovascular / kidney	-Next generation protein/nucleic acid identification &	drug discovery
disorders	measurement technology	
-Sensory organ disorders /	-In silico modeling of human diseases	
chronic pain	-Imaging/motion tracking technology	
-Neurodegenerative and central	-Technical research on middle molecules, peptides or	
nervous system disorders(*)	antibodies	
-Rare diseases	-Targeting technology/DDS	
-Vaccines	- ADME (Drug Absorption, Distribution, Metabolism,	
-Cell therapies	Excretion)	
-Disorders /drug discovery based	-Technical research on protein mass production	
on specified mechanisms	-Pharmaceutical manufacturing processes	
-Drug discovery based on	-Formulation technology	
specified modalities	-Pharmaceutical analysis technology	
	-Compound design/properties	
(*) Target discovery research accepted		

For more information about the TaNeDS program, please visit the Daiichi Sankyo corporate website: <a href="http://www.daiichisankyo.co.jp/corporate/rd/taneds/">http://www.daiichisankyo.co.jp/corporate/rd/taneds/</a>

# (3) Who is eligible?

Researchers who can conduct research in Japan

## (4) Schedule

Application period: May 29, 2017 to June 26, 2017

First selection period: June 27, 2017 to August 10, 2017

Second selection period: August 17, 2017 to October 13, 2017

Contract negotiation: From October 16, 2017 Start of research: Upon completion of contract