



## Chugai Signs Joint Research Agreement with NCC for Asian International Collaborative Prospective Study A-TRAIN - Aiming to establish cancer database based on blood-based genomic analysis and clinical Information -

- Chugai has participated in an international collaborative prospective study to establish and analyze a database that combines blood-based genomic analysis results and clinical information, for six common intractable cancers in Asia: cervical cancer, ovarian clear cell carcinoma, ovarian cancer, nasopharyngeal carcinoma, endometrial cancer and triple-negative breast cancer <sup>1)</sup>
- Chugai will provide FoundationOne Liquid CDx Cancer Genomic Profile, a liquid biopsy test, in the ovarian cancer cohorts of the study
- The study aims to build a foundation for personalized healthcare and promote research and development of therapeutic agents for intractable cancers which are frequently reported in Asian countries.

TOKYO, December 27, 2021 -- [Chugai Pharmaceutical Co., Ltd.](#) (TOKYO: 4519) announced today that it signed a joint research agreement with [the National Cancer Center Japan](#) (Tokyo, President: Hitoshi Nakagama, hereafter NCC) and participated in an Asian multi-center prospective study A-TRAIN, which is led by NCC Hospital.

A-TRAIN is an international collaborative study to establish and analyze a database that combines genomic analysis using blood-based liquid biopsy test and clinical information, for six common intractable cancers which are frequently reported in Asia: cervical cancer, ovarian clear cell carcinoma, ovarian cancer, nasopharyngeal carcinoma, endometrial cancer and triple-negative breast cancer <sup>1)</sup>. The study aims to establish a foundation for personalized healthcare and to promote research and development of therapeutic agents, for intractable cancers which are frequently reported in Asia, by identifying genomic abnormalities that can be used as therapeutic targets and encouraging clinical trials. Chugai, in cooperation with Roche, provides a blood-based liquid biopsy test FoundationOne<sup>®</sup> Liquid CDx Cancer Genomic Profile for genomic analysis in the ovarian cancer cohorts of this collaborative study.

“Realizing advanced personalized healthcare is one of our major targets. I am very pleased that we can offer comprehensive genomic profiling for this important collaborative study, which may lead to further development of cancer genomic medicine in Asia,” said Chugai’s President and CEO Dr. Osamu Okuda. “Providing high-quality cancer care is a considerable challenge in Asia, where cancer is an increasingly serious issue. We hope that the study will lead to building a foundation for personalized healthcare and further research and development in oncology in this region.”

## **Overview of Ovarian Cancer Cohort**

Start date: December 2021

Participating countries: Japan, Taiwan, Vietnam

Number of registrants: 100

Genomic analysis: Chugai Pharmaceutical Co., Ltd., F. Hoffmann-La Roche Ltd.

[Reference information]

### **Launch of an Asian international collaborative prospective study on 6 advanced cancers common in Asia**

Establishment of a database of genomic analysis and clinical information by liquid biopsy, for developing personalized treatment (Press release issued by NCC on December 23, 2021)

[https://www.ncc.go.jp/en/information/press\\_release/20211223/index.html](https://www.ncc.go.jp/en/information/press_release/20211223/index.html)

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[Reference]

1. Globocan 2020. Asia Fact Sheet. <https://gco.iarc.fr/today/data/factsheets/populations/935-asia-factsheets.pdf> [Cited from internet. Accessed in December 2021]

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