

## ETHICS APPROVAL LETTER

I am writing to provide further clarification regarding the ethics review for our research project, conducted at the Artificial Intelligence Research Center, The National Institute of Advanced Industrial Science and Technology (AIST) to gain an access to the database of International Cancer Genome Consortium (ICGC).

Our project aligns with the core bioethical elements outlined in the Global Alliance for Genomics and Health's Framework for Responsible Sharing of Genomic and Health-Related Data, emphasizing responsible data sharing and attribution for the benefit of scientific advancement. Recognizing the diverse cultural and regulatory practices across member projects, we are committed to upholding core bioethical principles that facilitate the responsible gathering and translation of cancer genomics data.

AIST as a Japanese State Research and Innovative Organization has no restrictions for the usage of cataloged known samples, excluding human iPS cells and human ES cells. In our project there is no need to apply for an experimental plan or submit a commercially available human-derived sample notification form for the usage/production of human iPS cells and human ES cells. As a result, we are not required to seek additional ethics approval/review from AIST for the utilization of these samples.

We have secured approval from AIST to access and utilize the ICGC database for our research, specifically to evaluate the efficiency of machine learning methods in analyzing genomic data of cancer patients and prediction rate of cancer care. Our commitment to ethical standards remains unwavering, and we will adhere to safety guidelines in the use of commercially available and biobank samples.

We appreciate your understanding and cooperation in this matter. Our team is enthusiastic about contributing to the collaborative efforts of ICGC and advancing our understanding of cancer genomics for the benefit of patients globally.

With regards,

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