

## PRESS RELEASE

### ***Future Corporation collaborates towards next-generation vaccine development with antibody-inducing peptide estimation AI.***

*Participation in DNA vaccine joint development team by AnGes and Osaka University on the novel coronavirus disease (COVID-19)*

Tokyo April 30,2020- Future Corporation participated in joint development of next-generation DNA vaccine for the COVID-19 advanced by AnGes Inc., (Osaka) and Osaka University (Graduate School of Medicine/Faculty of Medicine).

#### **《Next-generation vaccines development cooperation》**

In ongoing antibody-inducing peptide development works by Osaka University and FunPep Co Ltd, (Osaka) and in promotion of clinical trials by AnGes, the antibody-inducing peptide estimation AI utilizing deep learning by Future Corporation will contribute to optimal and efficient design of antigen sequences, and improvement in development speed of next-generation vaccines with corporation of each parties involved.

#### **《What is antibody-inducing peptide estimation AI?》**

A joint research and development of antibody-inducing peptide estimation AI by Osaka University, FunPep and Future Corporation has been conducted since August 2018. The next-generation vaccines using the antibody-inducing peptide is expected to improve antibody productivity compared to the current DNA vaccine, decreasing vaccine dosage and intake frequency, and is expected to have clinical benefits such as stronger infection prevention and severe aggravation suppression.

Following the development of next-generation DNA vaccine against the COVID-19 infection, Future Corporation plans to actively continue working on AI technology development for the drug discovery sector. Future Corporation is currently searching for global cooperative relationship in pursue of contributing further towards the global society.

#### **■About Future Corporation**

<https://www.future.co.jp/en/>

Future Group has developed technology-based businesses in two main areas: “IT consulting and services” and “business innovation.” Future Group has contributed to the creation of new services in digital marketing, IT education, e-commerce, and various other fields. Future Group achieves these by sharing amongst themselves, the business and technological knowhow that Future Architect and other Group companies have accumulated over the many years of providing IT consulting services to a wide range of customers.

\* For more information please refer to the following link.

[https://www.future.co.jp/en/contact\\_us/](https://www.future.co.jp/en/contact_us/)