

NOF CORPORATION

LIFE SCIENCE DIVISION

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NOF to Exhibit and Present Poster at SITC 2024 (Nov 8-9)

Tokyo, Japan – October 10, 2024 – NOF CORPORATION is pleased to announce its participation in the upcoming SITC 2024, which will be held at George R. Brown Convention Center, Houston, TX, U.S.A. from November 6 to 10.

The Conference website: <https://www.sitcancer.org/2024/home>

As a part of the event, NOF CORPORATION will showcase its products for Drug Delivery System at **Booth #712** from **November 8 to 9**.

In addition, Satoshi Kishida, Research Scientist at NOF CORPORATION, will give a poster presentation.

Title

IL-2 mutein conjugated by cutting-edge PEG can improve the antitumor activity of CD8⁺ T cells in the tumor microenvironment

Date & Time

November 9 from 9:00 to 20:30, CST

Place

Exhibit Halls AB-George R. Brown Convention Center, #948

Speaker

Satoshi Kishida, *Research Scientist, NOF CORPORATION*

Abstract

IL-2 can activate CD8⁺ T cells and is well-known as a promising immune-oncology agent. However, its therapeutic efficacy is limited due to its short half-life and IL-2 receptor alpha (IL-2Ra) capability. Moreover, the activation of CD8⁺ T cells by IL-2 is suppressed in the tumor microenvironment (TME) due to the acidic condition. Therefore, long-acting IL-2, which reduces IL-2Ra capability and improves the antitumor activity of CD8⁺ T cells in the TME, is desired to enhance the therapeutic efficacy of IL-2. Here, we developed IL-2 mutein, which has reduced IL-2Ra capability, and found that IL-2 mutein conjugated by cutting-edge PEG can improve antitumor activity of CD8⁺ T cells in acidic conditions by in vitro assay, such as cell proliferation assay and cell killing assay, rather than IL-2 mutein conjugated by conventional PEG.

NOF CORPORATION invites attendees to visit booth #712 to explore their innovative drug delivery solutions and engage with their experts.

For further information or to arrange a meeting, please refer to the following contact information.

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