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NOF to Exhibit and Deliver a Poster Presentation at ASGCT 28th Annual Meeting

Tokyo, Japan – April 21, 2025 – NOF CORPORATION is pleased to announce its participation in the upcoming **ASGCT 28th Annual Meeting: American Society of Gene & Cell Therapy**, which will be held at the Ernest N. Morial Convention Center, New Orleans, LA, USA from May 13 to 17.

The conference website: <https://annualmeeting.asgct.org/>

As a part of the event, NOF CORPORATION will showcase its products for Drug Delivery System at **Booth #1321** from **May 13 to 16**.

Additionally, Yuhei Onizuka, Research scientist at NOF CORPORATION, will deliver a poster presentation on the following topic during the poster session on May 14.

Title

COATSOME® SS Series: Highly Versatile Ionizable Lipid as Vital Component of Lipid Nanoparticle for Gene Vaccine Application

Date & Time

May 14 / 5:30 p.m. – 7:00 p.m. (CST)

Place

Poster Hall I2

Speaker

Yuhei Onizuka, *Research scientist, NOF CORPORATION*

Abstract

BACKGROUND: Nucleic acid vaccines, DNA and messenger RNA (mRNA), have emerged as promising modalities for infectious disease and for cancer immunotherapy due, in part, to shortened producing cycles and high potency. Lipid nanoparticles (LNP) composed of ionizable lipids are important components of such vaccines as they can convey and present the nucleic acid effectively to the immune system. However, toxicity of ionizable lipids and the challenges of cold chain logistics of LNP have limited their clinical use. Further development of LNP requires 1) reduced systemic toxicity, 2) improved endosomal escape, 3) potent and cytotoxic T-cell specific adjuvating function, 4) reduced adverse reactions, 5) improved storage stability of LNP.

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

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