

NOF CORPORATION

LIFE SCIENCE DIVISION

YEBISU GARDEN PLACE TOWER

20-3, EBISU 4-CHOME, SHIBUYA-KU, TOKYO 150-6012 JAPAN

TEL.+81-3-5424-6741

FAX. +81-3-6837-5348



NOF to Exhibit and Present at CRS Annual Meeting & Exposition 2025

Tokyo, Japan – June 6, 2025 – NOF CORPORATION is pleased to announce its participation in the upcoming **CRS Annual Meeting & Exposition 2025**, which will be held at Pennsylvania Convention Center, Philadelphia, PA, USA from July 14 to 18.

Conference website: <https://crs2025annualmeeting.eventscribe.net/>

As a part of the event, NOF CORPORATION will showcase its products for Drug Delivery System at **Booth #306** from **July 15 to 17**.

Additionally, Syed Reza, Drug Delivery Consultant at NOF AMERICA CORPORATION, will present the following topic on July 16.

Title

Non-viral RNA Delivery with Biodegradable Ionizable Lipids

Date & Time

July 16 / 9:00 a.m. - 10:00 a.m. (EDT)

Speaker

Syed Reza, Scientific and Sales Consultant, NOF AMERICA CORPORATION

Abstract

There is growing interest in use of ionizable lipids for delivery in of gene editing or for enzyme replacement therapy (ERT). Yet, many lipids currently available were originally developed for vaccines and the lipids selected for these applications are the result of a selection bias for immunogenicity. This poses certain challenges when attempting to adapt the vaccine LNPs for mRNA therapy due to significant dose limiting toxicity after repeated and systemic exposure. We here present our work on the development of biodegradable ionizable lipids (COATSOME[®] SS Series) that demonstrate improved tolerability, reduced organ toxicity and immunotoxicity while at the same time enabling high levels of mRNA expression. The COATSOME[®] SS Series exhibit exceptional stability in the circulating state and only break down when triggered by specific stimuli present in the cytosol. This presentation will also present our efforts to engineer LNPs specifically designed for gene therapy applications, for infectious disease vaccines and cancer immunotherapy applications.

NOF CORPORATION invites attendees to visit booth #306 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.

[Americas]

NOF AMERICA CORPORATION

E-mail info@nofamerica.com
Tel +1-914-681-9790 (New York Office)
+1-650-993-7375 (San Francisco Office)
+1-914-704-7903 (Boston Office)

[Europe]

NOF EUROPE GmbH

E-mail info-eu@nofeurope.com
Tel +49-69-7706-100-0

[Asia Pacific, Japan]

NOF CORPORATION

Life Science Division

E-mail ddsinfo@nof.co.jp
Tel +81-3-5424-6741

[China]

NOF (Shanghai) Co. Ltd.

Tel +86-21-6210-1100

COATSOME is a registered trademark or a trademark of NOF CORPORATION in the U.S., Japan, EU, China and other countries.