

NOF CORPORATION

LIFE SCIENCE DIVISION

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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. NOF CORPORATION is a Bronze Sponsor in the event.

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, Scientific and Sales Consultant at NOF AMERICA CORPORATION, will present the following topic on July 16. NOF AMERICA CORPORATION is a US subsidiary of NOF CORPORATION.

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.

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