

# 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. +81-3-5424-5348



## NOF to Participate in mRNA Health Conference 2024 on Nov. 12 - 14

Tokyo, Japan – October 25, 2024 – NOF CORPORATION is pleased to announce its participation in the upcoming 12th International mRNA Health Conference 2024, which will be held from **November 12 to 14** at the Hilton Boston Park Plaza Hotel, Boston, MA, USA.

NOF CORPORATION is a Bronze Sponsor of the event.

The Conference website: <https://www.mrna-conference.com/>

During the event, NOF CORPORATION will showcase its products for the Drug Delivery System at **Booth #35**.

In addition, Syed Reza, Drug Delivery Consultant at NOF CORPORATION, will give a presentation on the following topic on **November 12** in the Session 5: Flash Poster Talks / New Company Introductions.

**Title**

NOF - END to END LNP EXPERTISE

**Date and Time**

November 12 / 4:00 PM - 5:00 PM EST

**Speaker**

Syed Reza, Drug Delivery Consultant, NOF CORPORATION

Also, following poster will be given on **November 13** in the Session 11: Poster Session – Even-numbered Posters.

**Title**

Poster #14 Non-viral RNA Delivery with Biodegradable Lipids

**Date and Time**

November 13 / 5:00 PM - 6:30 PM EST

**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® Series) that demonstrate improved tolerability, reduced organ toxicity and immunotoxicity while at the same time enabling high levels of mRNA expression. The COATSOME® lipids 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 #35 to explore our 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**

Email 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**

Email 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

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