

NOF CORPORATION

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July, 2024

NOF to Participate in mRNA-Based Therapeutics Summit 2024 from Jul. 29 - 31

NOF CORPORATION is pleased to announce its participation in the upcoming 4th Annual mRNA-Based Therapeutics Summit to be held from July 29th to 31st at The Westin Boston Seaport District, Boston, USA.

The Conference website: <https://mrnabased-therapeutics.com/>

As part of the event, NOF CORPORATION will showcase its products for the Drug Delivery System at **Booth #29** on **July 30th and 31st**.

Additionally, Syed Reza, Scientific & Sales Consultant at NOF CORPORATION, will present on the following topic on **July 30th** in the morning session: Widening the Scope of mRNA with circRNA Vaccines & Therapeutics to Treat Infectious & Oncological Diseases.

Title

Reduction of LNP-Associated Inflammation with Use of Biodegradable Lipids

Date & Time

12:00 PM – 12:30 PM on July 30th, EDT

Session

TRANSLATION – MORNING SESSIONS:

Widening the Scope of mRNA with circRNA Vaccines & Therapeutics to Treat Infectious & Oncological Diseases

Speaker

Syed Reza, *Scientific & Sales Consultant at NOF CORPORATION*

Abstract

- Ionizable lipids are known to present varying degrees of immunotoxicity. Understanding the role of key cellular mediators such as the NLRP3 inflammasome in this context will be key to developing the next generation of safe, well tolerated non-viral delivery systems.
- Our work on biodegradable ionizable lipids has indicated that tissue resident macrophages are key mediators of immunogenic responses and that the in vivo activity was dependent on the STING pathway.
- An improved series of biodegradable ionizable lipids has been developed to improve cytokine expression profile and increase Type I interferon levels while minimizing pyrogenic cytokines. Applications of LNP vaccine technology for tumor immunotherapy and infectious disease will be presented.

NOF CORPORATION invites attendees to visit booth #29 to explore our innovative drug delivery solutions and engage with their experts.

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

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