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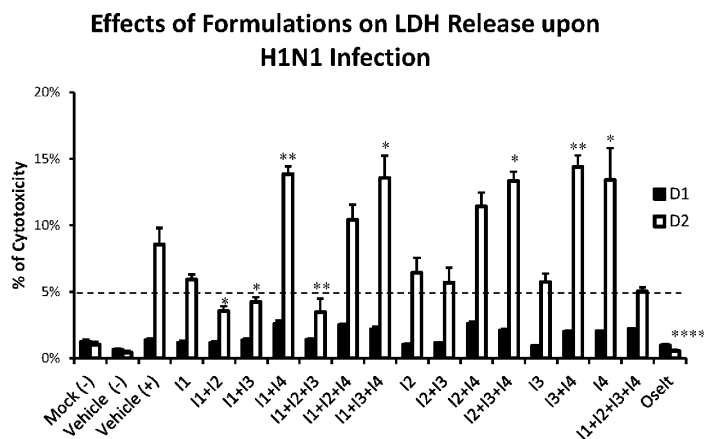


FIG. 53

(57) Abstract: The present disclosure features methods and compositions for enhancing the ability of the respiratory membranes to filter airborne pathogens and protect a subject from respiratory infections that result from inhalation or ingestion of such pathogens. In particular, the disclosure provides antimicrobial compositions that prevent and treat respiratory infections caused by bacteria, fungi, and viruses.

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