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[US/US]; 126 East Lincoln Avenue, Rahway, New Jersey
07065-0907 (US).

(72) Inventors; and

(71) Applicants (for US only): **GINDY, Marian, E.** [US/US];
126 East Lincoln Avenue, Rahway, New Jersey 07065-0907
(US). **BILELLO, John, P.** [US/US]; 585 Anchor Circle,
Redwood City, California 94065 (US). **ESPESETH, Amy,**
S. [US/US]; 770 Sumneytown Pike, West Point, Penn-sylvania 19486 (US). **BETT, Andrew, J.** [US/US]; 770
Sumneytown Pike, West Point, Pennsylvania 19486 (US).
FU, Tong-Ming [US/US]; 410 S. Front Street, Unit 215,
Philadelphia, Pennsylvania 19147 (US).(74) Common Representative: **MERCK SHARP & DOHME
CORP.**; 126 East Lincoln Avenue, Rahway, New Jersey
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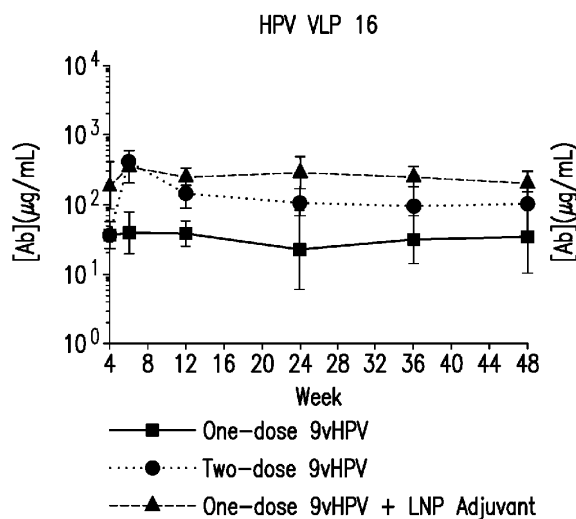


FIG. 1A

(57) Abstract: The present disclosure provides, among other things, a pharmaceutical composition that includes a lipid nanoparticle adjuvant and an anti-human papillomavirus (HPV) comprising HPV virus-like particles (VLPs) of at least one type of human papillomavirus (HPV) selected from the group consisting of HPV types: 6, 11, 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 55, 56, 58, 59, 66, 68, 73, and 82.

[Continued on next page]

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