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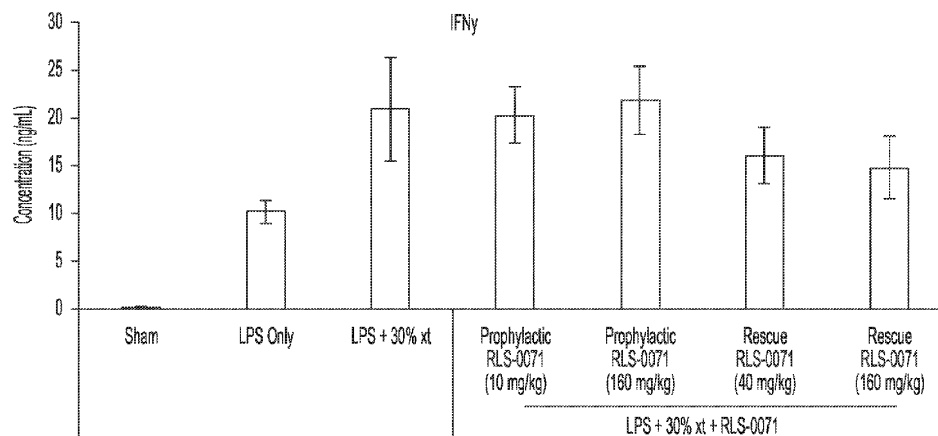


FIG. 1A

(57) **Abstract:** The present invention provides peptides that are synthetic modifications of Polar Assortant (PA) peptide including C-terminal PEGylation. The invention further provides methods of using at least one synthetic peptide for regulating the complement system and interacting with neutrophils to alter their binding and activity.

[Continued on next page]

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