

Accepted Manuscript

Temporal variability in Lp(a) levels in patients enrolled in the placebo arms of IONIS-APO(a)_{Rx} and IONIS-APO(a)-L_{Rx} antisense oligonucleotide clinical trials

Santica M. Marcovina, Nicholas J. Viney, Steven G. Hughes, Shuting Xia, Joseph L. Witztum, Sotirios Tsimikas

PII: S1933-2874(17)30492-0

DOI: [10.1016/j.jacl.2017.10.024](https://doi.org/10.1016/j.jacl.2017.10.024)

Reference: JACL 1210

To appear in: *Journal of Clinical Lipidology*

Received Date: 13 June 2017

Revised Date: 29 September 2017

Accepted Date: 23 October 2017

Please cite this article as: Marcovina SM, Viney NJ, Hughes SG, Xia S, Witztum JL, Tsimikas S, Temporal variability in Lp(a) levels in patients enrolled in the placebo arms of IONIS-APO(a)_{Rx} and IONIS-APO(a)-L_{Rx} antisense oligonucleotide clinical trials, *Journal of Clinical Lipidology* (2017), doi: 10.1016/j.jacl.2017.10.024.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Temporal variability in Lp(a) levels in patients enrolled in the placebo arms of
IONIS-APO(a)_{Rx} and IONIS-APO(a)-L_{Rx} antisense oligonucleotide clinical trials**

Running Title: Natural variability in Lp(a) levels

Santica M. Marcovina¹, Nicholas J. Viney², Steven G Hughes², Shuting Xia²,
Joseph L. Witztum³, Sotirios Tsimikas^{2,3}

¹University of Washington, Seattle, WA, USA, ²Ionis Pharmaceuticals, Carlsbad, CA, USA, and

³University of California San Diego, La Jolla, CA, USA.

Word count text: 5295

Key words: lipoprotein(a), isoforms, single nucleotide polymorphisms, genetics, cardiovascular events, therapy, antisense oligonucleotides

Corresponding Author: Sotirios Tsimikas, MD, Vascular Medicine Program, Sulpizio

Cardiovascular Center, University of California San Diego, 9500 Gilman Drive, BSB 1080, La Jolla, CA 92093-0682. E-mail stsimikas@ucsd.edu, telephone 858-534-6109.

Download English Version:

<https://daneshyari.com/en/article/8668510>

Download Persian Version:

<https://daneshyari.com/article/8668510>

[Daneshyari.com](https://daneshyari.com)