ICMJE DISCLOSURE FORM

Date: 7/4/2022

Marja-Riitta Taskinen Marja-Riitta Taskinen

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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<tr><td>2</td><td>Grants or contracts from any entity (if not indicated in item #1 above).</td><td colspan="2">☐ None
<table><tr><td>Novo Nordisk Foundation</td><td>Grant</td></tr><tr><td>The Finnish Foundation for Cardiovascular Research</td><td>Grant</td></tr><tr><td>Sigrid Juselius Foundation</td><td>Grant</td></tr><tr><td>Amgen</td><td>Grant</td></tr></table></td></tr>
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4	Consulting fees	☐ **None**	
		Novartis	Personal
		Novo Nordisk	Personal
		Akcea	Personal
		Amgen	Personal
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☐ **None**	
		Novartis	Personal
		Akcea	Personal
		Amgen	Personal
		Novo Nordisk	Personal
		Mylan	Personal
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
		Novartis	Personal
		Amgen	Personal
		Akcea	Personal
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☐ **None**	
		Novartis	Personal
		Akcea	Personal
		Amgen	Personal
		Chiesi Pharma	Personal
		Eli Lilly	Personal
		Novo Nordisk	Personal
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Elias Björnson

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Niina Matikainen

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Sanni Söderlund

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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Date: 7/4/2022

Your Name: Joel Rämo

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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Date: 7/4/2022

Your Name: Mari Ainola

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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Date: 7/4/2022

Your Name: Antti Hakkarainen

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Carina Sihlbom

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Annika Thorsell

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Linda Andersson

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

Please place an "X" next to the following statement to indicate your agreement:

☒ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Per-Olof Bergh

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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			Click the tab key to add additional rows.
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
3	Royalties or licenses	☒ **None**	

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4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Marcus Henricsson

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Stefano Romeo

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Martin Adiels

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Samuli Ripatti

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Markku Laakso

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Chris J Packard Chris J Packard

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

Manuscript Number (if known): 160607-INS-CMED-1

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Time frame: past 36 months			
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		Pfizer	Grant
3	Royalties or licenses	☐ **None**	

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
4	Consulting fees	☐ **None**	
		Amgen	Personal
		Amarin	Personal
		MSD	Personal
		Dalcor	Personal
		Novartis	Personal
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☐ **None**	
		Daiichi-Sankyo	Personal
		Novartis	Personal
		Amarin	Personal
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☐ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
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ICMJE DISCLOSURE FORM

Date: 7/4/2022

Your Name: Jan Borén

Manuscript Title: Postprandial metabolism of apolipoproteins B48, B100, C-III and E in in humans heterozygous for APOC3 Loss-of-Function mutations

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		NovoNordisk Foundation	Grant
		Swedish Heart-Lung Foundation	Grant
		Swedish Research Council	Grant
		Knut and Alice Wallenberg Foundation	Grant
		Sahlgrenska Hospital ALF	Grant
3	Royalties or licenses	☒ **None**	

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		Novartis	Personal
		Novo Nordisk	Personal
		Akcea	Personal
		Amgen	Personal
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☐ **None**	
		Novartis	Personal
		Akcea	Personal
		Amgen	Personal
		Novo Nordisk	Personal
		Pfizer	Personal
6	Payment for expert testimony	☒ **None**	
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8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
		Novartis	Personal
		Akcea	Personal
		Amgen	Personal
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STROBE Statement—checklist of items that should be included in reports of observational studies

	Item No	Recommendation
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract OK
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found OK
Introduction		
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported OK
Objectives	3	State specific objectives, including any prespecified hypotheses page 4
Methods		
Study design	4	Present key elements of study design early in the paper page 12
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection page 11 + 12
Participants	6	(*a*) *Cohort study*—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up page 11
		→ *Case-control study*—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls
		Cross-sectional study—Give the eligibility criteria, and the sources and methods of selection of participants
		(*b*) *Cohort study*—For matched studies, give matching criteria and number of exposed and unexposed
		Case-control study—For matched studies, give matching criteria and the number of controls per case page 11
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable kinetics : page 12 + tables
Data sources/ measurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group kinetic study - page 11+12
Bias	9	Describe any efforts to address potential sources of bias N/A
Study size	10	Explain how the study size was arrived at N/A
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why kinetic study : page 11+12
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding page 14 -11-
		(*b*) Describe any methods used to examine subgroups and interactions N/A
		(*c*) Explain how missing data were addressed N/A
		(*d*) *Cohort study*—If applicable, explain how loss to follow-up was addressed
		Case-control study—If applicable, explain how matching of cases and controls was addressed page 11+12
		Cross-sectional study—If applicable, describe analytical methods taking account of sampling strategy
		(*e*) Describe any sensitivity analyses N/A

Continued on next page

Results		
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed all completed
		(b) Give reasons for non-participation at each stage N/A
		(c) Consider use of a flow diagram N/A
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders N/A
		(b) Indicate number of participants with missing data for each variable of interest N/A
		(c) *Cohort study*—Summarise follow-up time (eg, average and total amount) N/A
Outcome data	15*	*Cohort study*—Report numbers of outcome events or summary measures over time N/A
		Case-control study—Report numbers in each exposure category, or summary measures of exposure N/A
		Cross-sectional study—Report numbers of outcome events or summary measures N/A
Main results	16	(*a*) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included pages 4-7
		(*b*) Report category boundaries when continuous variables were categorized N/A
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period N/A
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses N/A
Discussion		
Key results	18	Summarise key results with reference to study objectives page 7 - 11
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias page 10
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence page 11
Generalisability	21	Discuss the generalisability (external validity) of the study results page 11
Other information		
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based page 14

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.