

From: Rotter, Jerome jrotter@lundquist.org
Subject: RE: MultiSTAAR manuscript for your review
Date: August 24, 2023 at 20:01
To: Li, Xihao xihaoli@unc.edu, Thorington, Daune daunet@lundquist.org
Cc: Stephen S Rich ssr4n@virginia.edu



Xihao:

You now have thrv approval.

Jerry rotter

From: Li, Xihao <xihaoli@unc.edu>
Sent: Thursday, August 24, 2023 4:53 PM
To: Thorington, Daune <daunet@lundquist.org>
Cc: Stephen S Rich <ssr4n@virginia.edu>; Rotter, Jerome <jrotter@lundquist.org>
Subject: Re: MultiSTAAR manuscript for your review

Dear Daune and Dr. Rotter,

Please see attached the revised manuscript including Dr. Hung and Dr. Gu as authors from the THRV study.

Thank you very much.

Best,
Xihao

On Aug 23, 2023, at 11:13, Thorington, Daune <daunet@lundquist.org> wrote:

You don't often get email from daunet@lundquist.org. [Learn why this is important](#)

Good Morning Dr. Li,

You should now have the two additional authors to add to the paper (also listed below).

Once you add these names, please send us the updated manuscript for the THRV approval.

Thank you,
Daune

2 additional authors:

Yi-Jen Hung, M.D.
Institute of preventive medicine

National Defense Medical Center
Taipei, Taiwan
New Taipei City, Taiwan
metahung@yahoo.com

Charles Gu, Ph.D.
Division of Biology & Biomedical Sciences
Washington University School of Medicine, St. Louis
St. Louis, MO USA
gc@wustl.edu

Daune B. Thorington
Administrative Manager for Jerome I. Rotter, M.D.
The Institute for Translational Genomics and Population Sciences
THE LUNDQUIST INSTITUTE
1124 W. Carson Street
Torrance, CA 90502
Cell: (310) 890-8214
daunet@lundquist.org

From: Rotter, Jerome <jrotter@lundquist.org>
Sent: Tuesday, August 22, 2023 8:04 PM
To: Li, Xihao <xihaoli@unc.edu>; Thorington, Daune <daunet@lundquist.org>
Cc: Stephen S Rich <ssr4n@virginia.edu>
Subject: RE: MultiSTAAR manuscript for your review

Xihao:

Thank you.

Now proceed with the mesa genetics p and p submission as I outlined previously.

As regards thrv,
We will get back to you with the 2 additional authors.
Then you will add them and send it back to us.
And we will give you thrv approval.

jerry

From: Li, Xihao <xihaoli@unc.edu>
Sent: Tuesday, August 22, 2023 7:08 PM
To: Thorington, Daune <daunet@lundquist.org>

To: Thorington, Daune <daunet@lundquist.org>

Cc: Rotter, Jerome <jrotter@lundquist.org>; Stephen S Rich <ssr4n@virginia.edu>

Subject: Re: MultiSTAAR manuscript for your review

Dear Daune,

Thank you very much for your comments. I have updated the affiliations for Dr. Rotter and Dr. Taylor. For MESA acknowledgements, I have updated the MESA acknowledgements in the Supplementary Note, is my understanding correct?

Please see attached the updated manuscript and all supplementary materials.

Best,
Xihao

On Aug 22, 2023, at 15:32, Thorington, Daune
<daunet@lundquist.org> wrote:

You don't often get email from daunet@lundquist.org. [Learn why this is important](#)

Good Afternoon,

Drs. Rotter and Taylor's names are correct. However, the correct affiliation should be #20. You currently have them as #21.

Please update the MESA acknowledgements to read:

Whole genome sequencing (WGS) for the Trans-Omics in Precision Medicine (TOPMed) program was supported by the National Heart, Lung and Blood Institute (NHLBI). WGS for "NHLBI TOPMed: Multi-Ethnic Study of Atherosclerosis (MESA)" (phs001416.v3.p1) was performed at the Broad Institute of MIT and Harvard (3U54HG003067-13S1). Centralized read mapping and genotype calling, along with variant quality metrics and filtering were provided by the TOPMed Informatics Research Center (3R01HL-117626-02S1). Phenotype harmonization, data management, sample-identity QC, and general study coordination, were provided by the TOPMed Data Coordinating Center (3R01HL-120393-02S1), and TOPMed MESA Multi-Omics (HHSN2682015000031/HSN26800004). The MESA projects are conducted and supported by the National Heart, Lung, and Blood Institute (NHLBI) in collaboration with MESA investigators. Support for the Multi-Ethnic Study of Atherosclerosis (MESA) projects are conducted and supported by the National Heart, Lung, and Blood Institute (NHLBI) in collaboration with MESA investigators. Support for MESA is provided by contracts 75N92020D000001

MESA is provided by contracts 75N92020D00001, HHSN268201500003I, N01-HC-95159, 75N92020D00005, N01-HC-95160, 75N92020D00002, N01-HC-95161, 75N92020D00003, N01-HC-95162, 75N92020D00006, N01-HC-95163, 75N92020D00004, N01-HC-95164, 75N92020D00007, N01-HC-95165, N01-HC-95166, N01-HC-95167, N01-HC-95168, N01-HC-95169, UL1-TR-000040, UL1-TR-001079, UL1-TR-001420, UL1TR001881, DK063491, and R01HL105756. The authors thank the other investigators, the staff, and the participants of the MESA study for their valuable contributions. A full list of participating MESA investigators and institutes can be found at <http://www.mesa-nhlbi.org>.

Thank you,
Daune

Daune B. Thorington
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From: Rotter, Jerome <jrotter@lundquist.org>
Sent: Tuesday, August 22, 2023 12:25 PM
To: Li, Xihao <xihaoli@unc.edu>
Cc: Li, Zilin <lj@hsph.harvard.edu>; Stephen S Rich <ssr4n@virginia.edu>; Chen, Ida <ichen@lundquist.org>; Thorington, Daune <daunet@lundquist.org>; MESA Genetics PP <genpp@uw.edu>
Subject: RE: MultiSTAAR manuscript for your review

Xihao:

Thank you for the discussion today.

Steps on moving your manuscript forward for approval.

First for mesa:

One:

My assistant daune will check for affiliations and acknowledgements. She will indicate any updates and get back to you. (daune, I see that you reviewed the paper. Please send out your note, with the acknowledgements to include mesa, mesa wgs, drc, ctsi, charge).

Two:

Xihao, incorporate those updates and send the updated manuscript to daune, steve rich, and myself.

Three:

Xihao, submit the manuscript the manuscript to the mesa genetics p and p for review and approval. (I have cc'd the mesa genetics p and p above). Include in your application a copy of the approved topped paper proposal, which mesa accepts. And indicate the journal that you are planning to submit to.

Second for thrv:

I will be writing the thrv committee, and get the 2 other needed thrv authors (you have one thrv author, ida chen).

My assistant daune will get back to you with those 2 names.

Will all this, you should then be able to complete the process with topped.

jerry

From: Li, Xihao <xihaoli@unc.edu>
Sent: Tuesday, August 15, 2023 10:28 AM
To: Rotter, Jerome <jrotter@lundquist.org>
Cc: Li, Zilin <li@hsph.harvard.edu>
Subject: Re: MultiSTAAR manuscript for your review

CAUTION - EXTERNAL EMAIL: Treat all links and attachments with extreme caution even if you recognize the sender.

Dear Dr. Rotter,

Hope your are doing well. This is a follow-up regarding the cohort-specific approvals for the MultiSTAAR manuscript. Could you please kindly let us know if MESA and THRV P&P committees have approved this manuscript?

Thank you very much for your support.

Sincerely,
Xihao & Zilin

On Aug 15, 2023, at 13:15, Li, Xihao <xihaoli@unc.edu>

wrote:

Dear all,

Hope you are doing well. We sent out this paper **A statistical framework for powerful rare variant multi-trait analysis in large-scale whole-genome sequencing studies** for review to the cohort PIs earlier and now have the full list of authors. So we are now sharing with the full group:

Manuscript: https://www.dropbox.com/scl/fi/28phnrnbbartq9a3oc14h/MultiSTAAR_v3_clean.docx?rlkey=yr44zav8y0pgvlucukqu15g0t&dl=0

Supp

Figures: https://www.dropbox.com/scl/fi/vz7zqaymf3u5b4ctudrg4/MultiSTAAR_Supplementary-Figures_v3.docx?rlkey=wd5q9yjwrofmc05gmx7qpkj9&dl=0

Supp

Tables: https://www.dropbox.com/scl/fi/2v4747peoz2daunxd3lyg/MultiSTAAR_Supplementary-Tables_v3.xlsx?rlkey=4h5jup1h7itmpd2594jnf1zup&dl=0

Supp

Note: https://www.dropbox.com/scl/fi/bpqr11t7ooggaum4w26j/MultiSTAAR_Supplementary_Note_v3.docx?rlkey=ydtttn731yu1tfkc24we0iltt&dl=0

Thank you very much to those who were able to provide feedback already, and thank you to those who were able to secure cohort-level P&P approval as well.

We recognize that many folks are on or about to go on vacation. I'm hoping we get feedback from everyone by **Aug 27** (Sun); please let me know if you need more time.

Please check your affiliations and let us know if anything needs to be updated.

Many thanks everyone for your collaboration and support.

Best,

Xihao & Zilin on behalf of Xihong

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