**Evidence of Study Specific Approval from TopMed**

Steve Horvath

May 29, 2020

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# TOPMed Manuscript Approval by Primary Working Group

**Primary Working Group name:** Epigenetics

**Primary Working Group convener(s) name(s) & affiliations:**

Marguerite Ryan Irvin (GOLDN, HyperGEN\_GENOA), Ivana Yang (IPF), Dawn DeMeo (COPD, LTRC)

**Other relevant working groups, if any:** Population Genetics

**Date:** 05/26/2020

**Re Manuscript:** id:6716, Horvath, Steve, Genetic Studies of Epigenetic Clocks

Dear TOPMed Publications Committee,

The TOPMed Epigenetics Working Group has considered the manuscript cited above and approves its submission for publication, provided that it passes administrative review.  We have considered the following factors:

1. Scientific rigor
2. Solicitation of appropriate authorship, including coauthor(s) from each contributing study (unless the study declined authorship), the sequencing/omics centers, IRC and DCC, as well as TOPMed banner authorship when appropriate. .
3. Consistency of scope between the manuscript and originating paper proposal
4. Potential for stigmatization
5. Review and approval by other relevant Working Groups as listed above, if applicable

Sincerely

Marguerite Ryan Irvin (GOLDN, HyperGEN\_GENOA), Ivana Yang (IPF), Dawn DeMeo (COPD, LTRC)

# GOLDN study

Status: Approved.

We included coauthors from GOLDN. In addition,

study specific approval is NOT needed according to the TopMed webpage.

<https://www.nhlbiwgs.org/studies-requiring-simultaneous-review>

# JHS study

Status: Approval

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From: Adolfo Correa <ACorrea@umc.edu>

Sent: 18 May 2020 07:13

To: Wilson,James (BIDMC - Cardiology); Horvath, Steve; jhspub

Cc: 'MARIONI Riccardo'

Subject: RE: [EXTERNAL]Re: JHS P0896 and TopMed GWAS article

Hi Steve,

Thank you for submitting this for JHS PPS review. This will be an administrative review.

Best wishes,

Adolfo

-----Original Message-----

From: Wilson,James (BIDMC - Cardiology) <jwilson8@bidmc.harvard.edu>

Sent: Sunday, May 17, 2020 12:28 PM

To: Horvath, Steve <SHorvath@mednet.ucla.edu>; jhspub <jhspub@umc.edu>

Cc: Adolfo Correa <ACorrea@umc.edu>; 'MARIONI Riccardo' <Riccardo.Marioni@ed.ac.uk>

Subject: [EXTERNAL]Re: JHS P0896 and TopMed GWAS article

Steve,

Thanks for sending this. I will read through it with interest. Any needed approvals will come from the JHS Publications and Presentations Subcommittee.

Best wishes,

Jim

# ARIC study

Status: we received approval.

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From: Horvath, Steve <SHorvath@mednet.ucla.edu>

Sent: 18 May 2020 09:40

To: Boerwinkle, Eric

Cc: Fornage, Myriam; 'MARIONI Riccardo'

Subject: Re: TopMed study specific approval from ARIC

Hi Eric, Myriam, Riccardo,

Eric: thank you for your fast response and approval.

Fyi, Myriam is a coauthor on the article.

We emailed the latest version of the article to all of our coauthors.

Myriam: please see below. We are happy to edit things if you have any additional comments but please track changes.

Best,

Steve

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From: Boerwinkle, Eric <Eric.Boerwinkle@uth.tmc.edu>

Sent: 18 May 2020 07:48

To: Horvath, Steve

Subject: RE: TopMed study specific approval from ARIC

Steve:

I hope this email finds you well during these strange times. For approved TOPMed manuscripts with co-author approval, ARIC treats P&P approval as a courtesy. Therefore, you can consider this manuscript to be approved by ARIC (and Eric). Please make sure that Myriam Fornage has a chance to read and comment prior to submission.

Eric.

# MESA study

Status: We received approval.

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From: Rotter, Jerome <jrotter@lundquist.org>

Sent: 17 May 2020 10:41

To: Horvath, Steve <SHorvath@mednet.ucla.edu>; Guo, Xiuqing <xguo@lundquist.org>

Cc: 'MARIONI Riccardo' <Riccardo.Marioni@ed.ac.uk>

Subject: Re: TopMed study specific approval from MESA

steve:

as mesa topmed pi, i hereby grant mesa approval.

Jerry

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From: Horvath, Steve <SHorvath@mednet.ucla.edu>

Sent: Sunday, May 17, 2020 9:24 AM

To: Guo, Xiuqing

Cc: Rotter, Jerome; 'MARIONI Riccardo'

Subject: TopMed study specific approval from MESA

Hi Xiuqing and Jerry,

You have probably already approved this but allow me to dot all the i's.

I am contacting you about the attached GWAS article for which we received both MESA/TopMed approval.

I am requesting "study specific approval" i.e. approval from MESA regarding submitting the paper.

This paper has been uploaded to TopMed and can be found here

https://www.nhlbiwgs.org/manuscripts/9776-genetic-studies-epigenetic-clocks<https://urldefense.proofpoint.com/v2/url?u=https-3A\_\_www.nhlbiwgs.org\_manuscripts\_9776-2Dgenetic-2Dstudies-2Depigenetic-2Dclocks&d=DwMFAw&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw\_x449Hd\_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=I-MTtH1J\_TG6iw86MbolDkvhP-mFZq057U6O25do9Ac&s=MuBMf16vdxg00gPJCkdVLBTV\_PVoYAMZiG5lyXxhKwo&e=>

I am also cc'ing Riccardo Marioni.

Best wishes,

Steve

# FRAMINGHAM Heart Study

Status: Full approval, see below.

We already have official approval through another mechanism (dbGAP).

In addition, we reached out to the FHS team and included several coauthors.

See below.

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From: Walsh, Ann (NIH/NHLBI) [E] <walshac@nhlbi.nih.gov>

Sent: 02 June 2020 09:35

To: Horvath, Steve; adrienne@bu.edu

Cc: kmutalik@bu.edu; Ramachandran, Vasan; MARIONI Riccardo

Subject: RE: TopMed study specific approval from FHS

CAUTION - EXTERNAL EMAIL:Do not click links or open attachments unless you recognize the sender.

Dear Steve,

This is a confirmation that FHS has approved manuscript "Genome-wide association studies identify 137 loci for DNA methylation biomarkers of aging".

Thank you for your consideration,

Ann Walsh on behalf of Ramachandran and Cupples.

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From: Horvath, Steve <SHorvath@mednet.ucla.edu>

Sent: 29 May 2020 16:55

To: Walsh, Ann (NIH/NHLBI) [E]; adrienne@bu.edu

Cc: kmutalik@bu.edu; Ramachandran, Vasan; MARIONI Riccardo

Subject: TopMed study specific approval from FHS

Hi Ann, Karen, Vasan, Adrienne,

I am sending you an updated version of our TopMed article.

\*\*\* I would be grateful if one of you could provide "Study Specific Approval" on behalf of FHS. We have included several coauthors from the FHS (see the attachment)

I contacting you because I obtained your email address from the "Instructions for how to obtain study-specific manuscript review" for the Framingham Heart Study.

Background: I already have full approval for using these FHS data because I downloaded the data from dbGAP. However, I would like to send the article to you for an additional approval to be respectful of TopMed regulations.

I already interacted with Vasan and Adrienne (cc'ed) .

This paper has been uploaded to TopMed and can be found here

https://www.nhlbiwgs.org/manuscripts/9776-genetic-studies-epigenetic-clocks

I am also cc'ing Riccardo Marioni.

Best wishes,

Steve

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From: TOPMed Publications <tmpubs@uw.edu>
Sent: 28 May 2019 15:21
To: Horvath, Steve
Subject: Full approval for your TOPMed paper proposal 6716

Sent on behalf of the TOPMed Publications Committee

Dear Dr. Horvath:

Congratulations! The scientific and data set reviews of your paper, Genetic Studies of Epigenetic Clocks<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_paperproposals_6716-2Dgenetic-2Dstudies-2Depigenetic-2Dclocks&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=iDpVcZTgSuWT3qqNoD4VuYx1VgpundZdd8J7pIN3PZA&e=>>, has been approved by both the reviewers in the TOPMed Publications Committee and the data set contacts of the TOPMed studies whose data you requested.

You can begin analysis as soon as the data sets are approved and sequence and phenotype data are in hand (including harmonized phenotypes for cross-cohort analyses).

We encourage your collaboration with other TOPMed studies and your participation in relevant TOPMed working groups in carrying out these studies.

Although you have completed the scientific review process for your paper proposal, you may also find this overview of the entire paper proposal submission process<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_paperproposals_about&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=Choeo_CxIFDTGTPRnmX1-HkgQLTc8LPi6wrnYbvbU7Y&e=>> useful along with the following links:

·         TOPMed Publications Policy<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_topmed-2Dpublications-2Dpolicy&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=Q0hqLzWo4ZJNynHSIf0EkNhDorv48l7orf3qZAW92Uk&e=>>

·         Instructions for submitting revisions to a paper proposal<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_revise-2Dexisting-2Dpaper-2Dproposal&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=TUEsuX0DFMG3YLHLr1ZgB03SGfJHxngep6Fq2h9R7ak&e=>>

·         Paper Proposal Viewer<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_paperproposals&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=2YWlt8yCj327y3ZRDMTk2af8gkbdwR4KvGDHtKyOhWk&e=>>

·         Update the status of your paper proposal from your Dashboard<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_dashboard&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=mumGAyTtkFB-THg9TWxB7SMg_ne-vOTQcDsWKtC2LWs&e=>>

·         TOPMed Manuscript Writing and Submission Guidelines<<https://urldefense.proofpoint.com/v2/url?u=https-3A__www.nhlbiwgs.org_topmed-2Dmanuscript-2Dwriting-2Dand-2Dsubmission-2Dguidelines&d=DwMFAg&c=UXmaowRpu5bLSLEQRunJ2z-YIUZuUoa9Rw_x449Hd_Y&r=ODhUI3xJF2vctb8cWrFtR9LJftdDplqmqLSiCW7NM18&m=OztkCgk_31LEB4G7L-oGz2pgsZb0EzLe5MI3-evnEow&s=kSPkVqnJ6UWy9ZaEAuwAky-aX4cjhHB47ibq0VGo-HY&e=>>

Thank you very much for taking the time to write these proposals. Your efforts on behalf of TOPMed are very much appreciated.

Best wishes,

The TOPMed Publications Committee

Scientific reviewers’ anonymized comments:
·         Review Date: 05/17/19
Review Status: Approve
Review Comments: Identify FHS co-authors?
·         Review Date: 05/14/19
Review Status: Approve
Review Comments: no concerns
·         Review Date: 05/10/19
Review Status: Approve
Review Comments: no concerns
·         Review Date: 05/10/19
Review Status: Approve
Review Comments: Thank you for including us! Please add Jennifer Smith, Wei Zhao and Scott Ratliff to the author list.
·         Review Date: 05/10/19
Review Status: Approve
Review Comments: Please reach out to Donna Arnett for GOLDN and HyperGEN coauthors and Jenn Smith for GENOA coauthors.
·         Review Date: 05/10/19
Review Status: Approve
Review Comments: No concerns
·         Review Date: 05/10/19
Review Status: Approve
Review Comments: No concerns. JHS co-authors will be suggested by JHS P&P review.
·         Review Date: 05/09/19
Review Status: Approve
Review Comments: None