

Re: New manuscript - Carriers of rare damaging CCR2 genetic variants are at lower risk of atherosclerotic disease

Lisa Yanek <lryanek@jhmi.edu>

Mi 31.05.2023 23:55

archive

An:Georgakis, Marios Dr. <Marios.Georgakis@med.uni-muenchen.de>;

Dear Marios,

Very nice work, the manuscript looks great!

This manuscript is now approved by the GeneSTAR Steering Committee.

Best wishes with submission,
Lisa

Lisa R. Yanek, MPH, CPH
Assistant Professor, Medicine
Co-Director, GeneSTAR Research Program
Johns Hopkins University School of Medicine

From: Georgakis, Marios Dr. <Marios.Georgakis@med.uni-muenchen.de>

Sent: Monday, May 15, 2023 12:10 PM

To: scott.damrauer@pennmedicine.upenn.edu <scott.damrauer@pennmedicine.upenn.edu>;
gabrielle.shakt@pennmedicine.upenn.edu <gabrielle.shakt@pennmedicine.upenn.edu>;
noah.tsao@pennmedicine.upenn.edu <noah.tsao@pennmedicine.upenn.edu>;
renae.judy@pennmedicine.upenn.edu <renae.judy@pennmedicine.upenn.edu>;
natalie.hasbani@uth.tmc.edu <natalie.hasbani@uth.tmc.edu>; alanna.c.morrison@uth.tmc.edu
<alanna.c.morrison@uth.tmc.edu>; paul.s.devries@uth.tmc.edu <paul.s.devries@uth.tmc.edu>;
bmitchel@som.umaryland.edu <bmitchel@som.umaryland.edu>; hxu@som.umaryland.edu
<hxu@som.umaryland.edu>; mmontass@som.umaryland.edu <mmontass@som.umaryland.edu>;
ron.do@mssm.edu <ron.do@mssm.edu>; eimear.kenny@mssm.edu <eimear.kenny@mssm.edu>;
ruth.loos@mssm.edu <ruth.loos@mssm.edu>; james.g.terry@vumc.org <james.g.terry@vumc.org>;
j.jeffrey.carr@vumc.org <j.jeffrey.carr@vumc.org>; Fornage, Myriam <myriam.fornage@uth.tmc.edu>;
joshbis@uw.edu <joshbis@uw.edu>; psaty@uw.edu <psaty@uw.edu>; wl@uw.edu <wl@uw.edu>;
kendra.young@cuanschutz.edu <kendra.young@cuanschutz.edu>; smlutz@hsph.harvard.edu
<smlutz@hsph.harvard.edu>; Michael Cho <remhc@channing.harvard.edu>; jbroome@uw.edu
<jbroome@uw.edu>; alynak@uw.edu <alynak@uw.edu>; ffwang@uw.edu <ffwang@uw.edu>;
nheard@bu.edu <nheard@bu.edu>; seshadri@uthscsa.edu <seshadri@uthscsa.edu>; vasan@bu.edu
<vasan@bu.edu>; nallred@wakehealth.edu <nallred@wakehealth.edu>; bfreedma@wakehealth.edu
<bfreedma@wakehealth.edu>; dbowden@wakehealth.edu <dbowden@wakehealth.edu>; Lisa Yanek
<lryanek@jhmi.edu>; Brian Kral <bkral@jhmi.edu>; Lew Becker <lbecker@jhmi.edu>;
ppeyser@umich.edu <ppeyser@umich.edu>; lfbielak@umich.edu <lfbielak@umich.edu>;
famous@umich.edu <famous@umich.edu>; apcarson@umc.edu <apcarson@umc.edu>;

mehall@umc.edu <mehall@umc.edu>; raffield@email.unc.edu <raffield@email.unc.edu>; Rotter, Jerome <jrotter@lundquist.org>; ssr4n@virginia.edu <ssr4n@virginia.edu>; Wendy Post <wpost@jhmi.edu>; russell.tracy@uvm.edu <russell.tracy@uvm.edu>; ktaylor@lundquist.org <ktaylor@lundquist.org>; xguo@lundquist.org <xguo@lundquist.org>; michael.mahaney@utrgv.edu <michael.mahaney@utrgv.edu>; joanne.curran@utrgv.edu <joanne.curran@utrgv.edu>; John Blangero <john.blangero@utrgv.edu>; shoa@stanford.edu <shoa@stanford.edu>; jhaessle@whi.org <jhaessle@whi.org>; huyao923@gmail.com <huyao923@gmail.com>; tassimes@stanford.edu <tassimes@stanford.edu>; clk@fredhutch.org <clk@fredhutch.org>

Cc: Malik, Rainer Dr. <Rainer.Malik@med.uni-muenchen.de>; Dichgans, Martin <Martin.Dichgans@med.uni-muenchen.de>

Subject: New manuscript - Carriers of rare damaging CCR2 genetic variants are at lower risk of atherosclerotic disease

External Email - Use Caution

Dear co-authors,

Please find here the first draft of our manuscript entitled "Carriers of rare damaging CCR2 genetic variants are at lower risk of atherosclerotic disease": <https://www.dropbox.com/sh/80x96tv7pnqvm8q/AADt5fejnbOS4XnjeI-WtNzpa?dl=0>.

In this manuscript, we analyze damaging rare variants in *CCR2* and show that they associated with a lower risk for myocardial infarction and atherosclerosis. We primarily use data from the UK Biobank, but we have replicated the main results in TOPMed, deCODE, and the PennMed Biobank. Many thanks to all collaborators who facilitated the use of the data from these cohorts.

We would be grateful for your comments by May 31. Our target journals include (in order of preference) Nature Medicine, Circulation, and Nature Cardiovascular Research.

To the coordinators of the TOPMed studies that contributed data (Amish, ARIC, BioMe, CHS, COPDGene, DHS, FHS, GeneSTAR, GENOA, JHS, MESA, WHI), please make sure to submit this to your P&P committees. This project was based on the TOPMed proposal number 1425.

Thank you all again for your contribution and for making these analyses possible. We hope you will enjoy reading the manuscript.

Best,
Marios

Marios Georgakis, MD, PhD

Principal Investigator "Epidemiology and Bioinformatics"

Clinician-Scientist (Neurology)

LMU University Hospital

Institute for Stroke and Dementia Research (ISD)

Campus Großhadern I Feodor-Lynen-Straße 17 I 81377 München

Tel. +49 (0)89 4400-46127 I Fax +49 (0)89 4400-46010

Lab Website: georgakis-lab.isd-muc.de

Twitter: <https://twitter.com/mgeorgakis1>

Das Klinikum der Universität München ist eine Anstalt des öffentlichen Rechts (AöR)