



# Corrigendum: Adeno-Associated Virus-Mediated Gain-of-Function mPCSK9 Expression in the Mouse Induces Hypercholesterolemia, Monocytosis, Neutrophilia, and a Hypercoagulative State

Georgios Louloudis<sup>1,2</sup>, Samuele Ambrosini<sup>3</sup>, Francesco Paneni<sup>3,4,5</sup>, Giovanni G. Camici<sup>2,3</sup>, Dietmar Benke<sup>2,6</sup> and Jan Klohs<sup>1,2\*</sup>

<sup>1</sup> Institute for Biomedical Engineering, University of Zurich and ETH Zurich, Zurich, Switzerland, <sup>2</sup> Zurich Neuroscience Center (ZNZ), Zurich, Switzerland, <sup>3</sup> Center for Molecular Cardiology, University of Zurich, Zurich, Switzerland, <sup>4</sup> University Heart Center, Cardiology, University Hospital Zurich, Zurich, Switzerland, <sup>5</sup> Department of Research and Education, University Hospital Zurich, Zurich, Switzerland, <sup>6</sup> Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland

## OPEN ACCESS

### Edited and reviewed by:

Gabrielle Fredman,  
Albany Medical College, United States

### \*Correspondence:

Jan Klohs  
klohs@biomed.ee.ethz.ch  
orcid.org/0000-0003-4065-2807

### Specialty section:

This article was submitted to  
Atherosclerosis and Vascular  
Medicine,  
a section of the journal  
Frontiers in Cardiovascular Medicine

Received: 22 November 2021

Accepted: 20 December 2021

Published: 12 January 2022

### Citation:

Louloudis G, Ambrosini S, Paneni F,  
Camici GG, Benke D and Klohs J  
(2022) Corrigendum:  
Adeno-Associated Virus-Mediated  
Gain-of-Function mPCSK9 Expression  
in the Mouse Induces  
Hypercholesterolemia, Monocytosis,  
Neutrophilia, and a Hypercoagulative  
State.  
Front. Cardiovasc. Med. 8:820282.  
doi: 10.3389/fcvm.2021.820282

**Keywords:** PCSK9, hypercholesterolemia, mouse, neutrophils, monocytes, coagulation

## A Corrigendum on

**Adeno-Associated Virus-Mediated Gain-of-Function mPCSK9 Expression in the Mouse Induces Hypercholesterolemia, Monocytosis, Neutrophilia, and a Hypercoagulative State** by Louloudis, G., Ambrosini, S., Paneni, F., Camici, G. G., Benke, D., and Klohs, J. (2021). *Front Cardiovasc Med.* 8:718741. doi: 10.3389/fcvm.2021.718741

In the original article, there was a mistake in Figure 1H as published. The graph incorrectly depicting higher serum HDL-cholesterol levels in control AAV mice on standard diet compared to the rest of the experimental groups. The corrected Figure 1H appears below. It depicts higher serum HDL-cholesterol levels in the mPCSK9-AAV mice on HFD compared to the rest of our experimental groups.

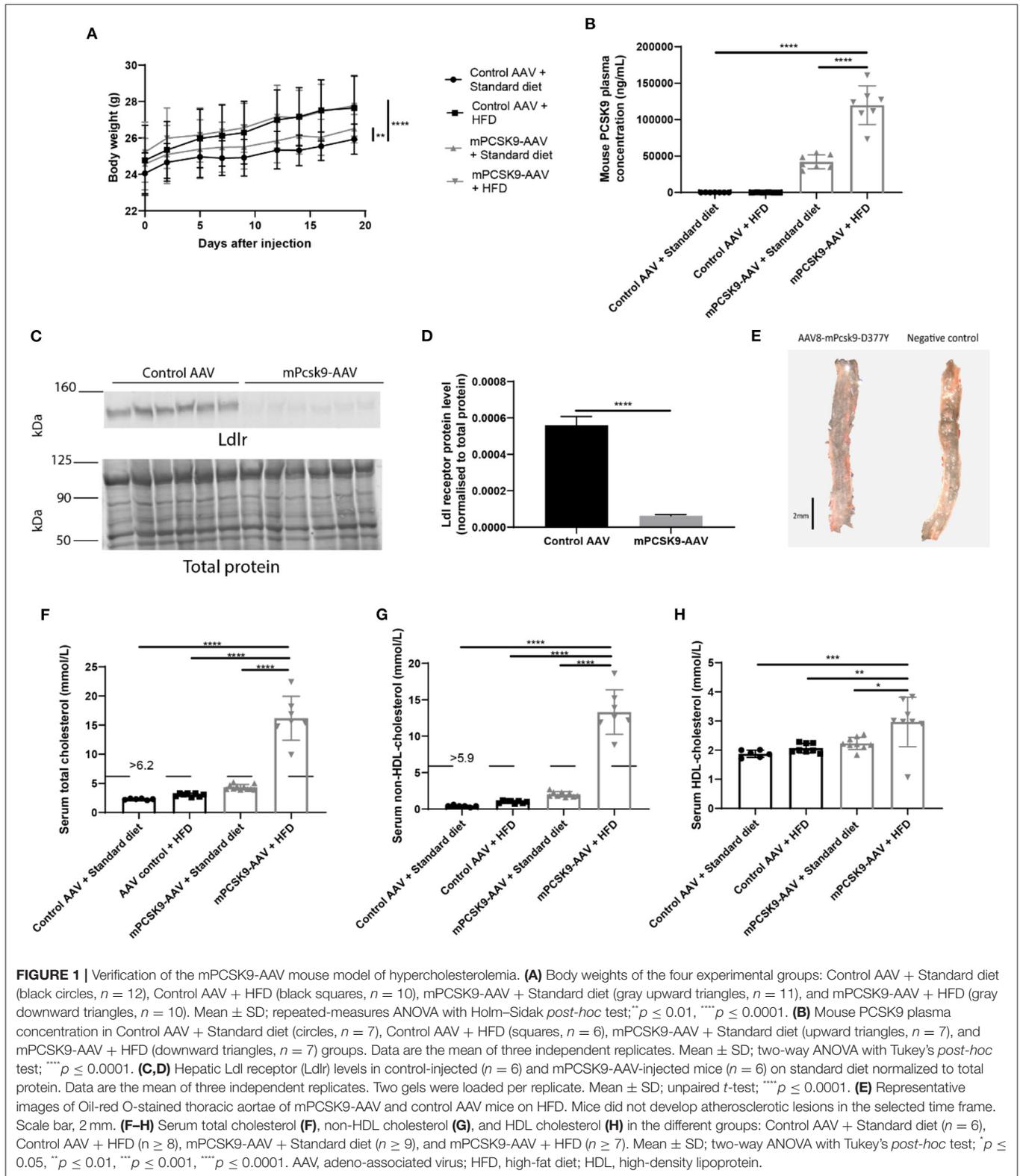
A correction has been made to **Results, Elevated PCSK9 plasma levels and hypercholesterolemia induced by mPCSK9-AAV expression and intake of Western-type HFD, paragraph 2:**

“Furthermore, mPCSK9-AAV injected mice on the HFD had elevated total, HDL-cholesterol and non-HDL cholesterol serum levels (**Figures 1F–H**).”

Furthermore, a correction has been made to the **Discussion, paragraph 3:**

“Concomitantly, the non-HDL-cholesterol and HDL-cholesterol concentrations were significantly higher in mPCSK9-AAV mice on HFD compared to control AAV mice on standard diet (**Figures 1G,H**).”

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.



**Publisher's Note:** All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers.

Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

Copyright © 2022 Louloudis, Ambrosini, Paneni, Camici, Benke and Klohs. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited

and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.