nature COMMUNICATIONS

https://doi.org/10.1038/s41467-019-11659-y OPEN

Author Correction: SUMOylation of VEGFR2 regulates its intracellular trafficking and pathological angiogenesis

Huanjiao Jenny Zhou[1], Zhe Xu[1,2], Zongren Wang[1,3], Haifeng Zhang[1], Zhen W. Zhuang[4], Michael Simons[4] & Wang Min[1,3]

Correction to: *Nature Communications* https://doi.org/10.1038/s41467-018-05812-2, published online 17 August 2018.

The original version of this Article omitted from the author list the 5th author Zhen W. Zhuang, who is from the Section of Cardiology, Department of Internal Medicine, Yale University School of Medicine, 10 Amistad St., New Haven, CT 06520, USA. Consequently, the following was added to the Author Contributions: 'Z.W.Z. performed the micro-CT angiography.'

Furthermore, the original version contained errors in Fig. 5, for which we apologize. In 5g, the first and fourth images in the upper row and the third and fourth images in the lower row were inadvertently replaced with incorrect images. The correct version of Fig. 5g is:

[1] Interdepartmental Program in Vascular Biology and Therapeutics, Department of Pathology, Yale University School of Medicine, 10 Amistad St., New Haven, CT 06520, USA. [2] Department of Ophthalmology, First Affiliated Hospital of Jinan University, Guangzhou 510630 Guangdong Province, P. R. China. [3] The First Affiliated Hospital, Sun Yat-sen University, Zhongshan Road II, Guangzhou 510080, P. R. China. [4] Section of Cardiology, Department of Internal Medicine, Yale University School of Medicine, 10 Amistad St., New Haven, CT 06520, USA. These authors contributed equally: Huanjiao Jenny Zhou, Zhe Xu, Zongren Wang. Correspondence and requests for materials should be addressed to H.J.Z. (email: huanjiao.zhou@yale.edu) or to W.M. (email: wang.min@yale.edu)

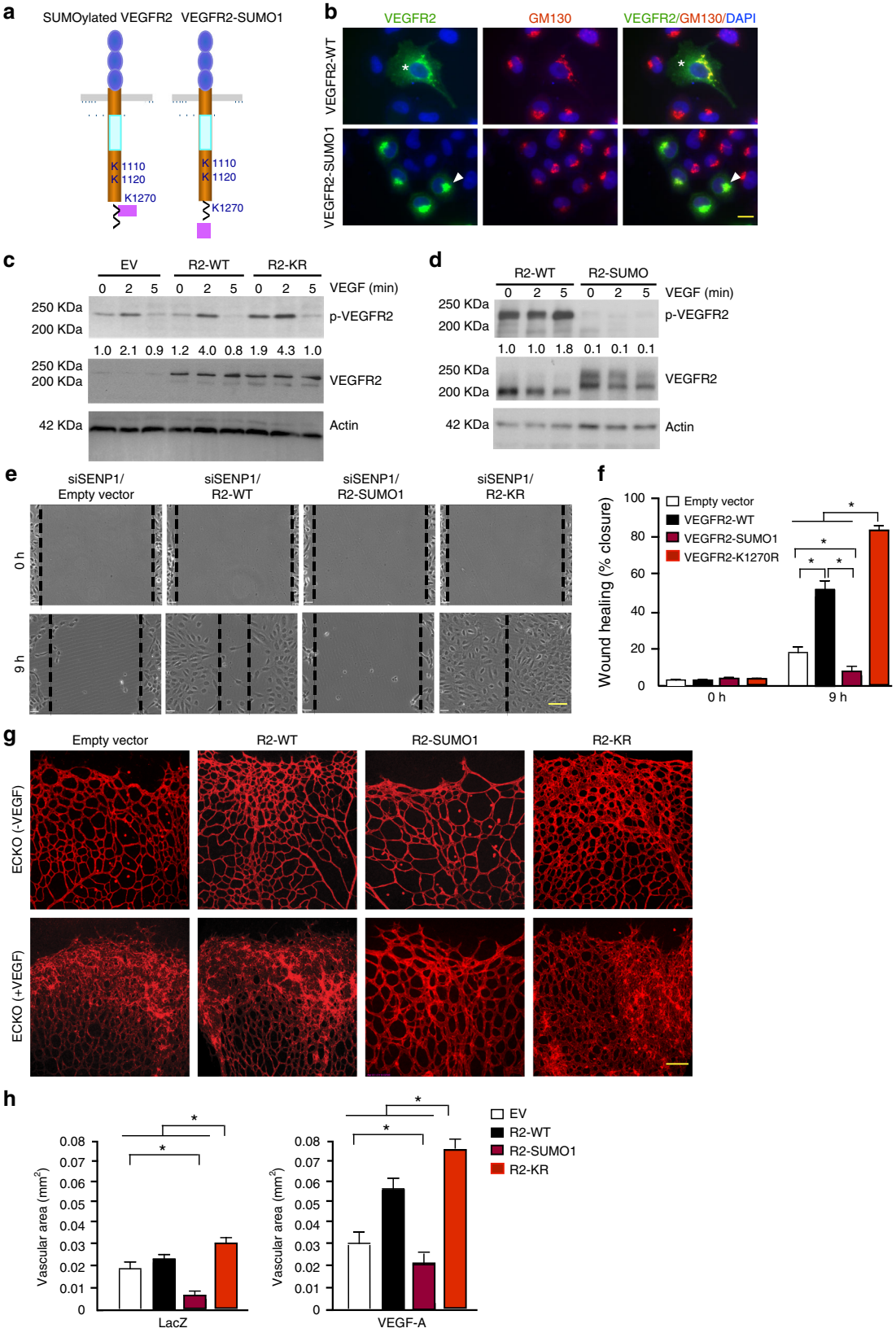
a
SUMOylated VEGFR2
VEGFR2-SUMO1
K 1110
K 1120
K1270
b
VEGFR2
GM130
VEGFR2/GM130/DAPI
VEGFR2-WT
VEGFR2-SUMO1
c
EV
R2-WT
R2-KR
VEGF (min)
p-VEGFR2
VEGFR2
Actin
250 KDa
200 KDa
42 KDa
d
R2-WT
R2-SUMO
e
siSENP1/ Empty vector
siSENP1/ R2-WT
siSENP1/ R2-SUMO1
siSENP1/ R2-KR
0 h
9 h
f
Wound healing (% closure)
Empty vector
VEGFR2-WT
VEGFR2-SUMO1
VEGFR2-K1270R
g
Empty vector
R2-WT
R2-SUMO1
R2-KR
ECKO (-VEGF)
ECKO (+VEGF)
h
Vascular area (mm²)
LacZ
VEGF-A
EV
R2-WT
R2-SUMO1
R2-KR

Fig. 5

which replaces the previous incorrect version:

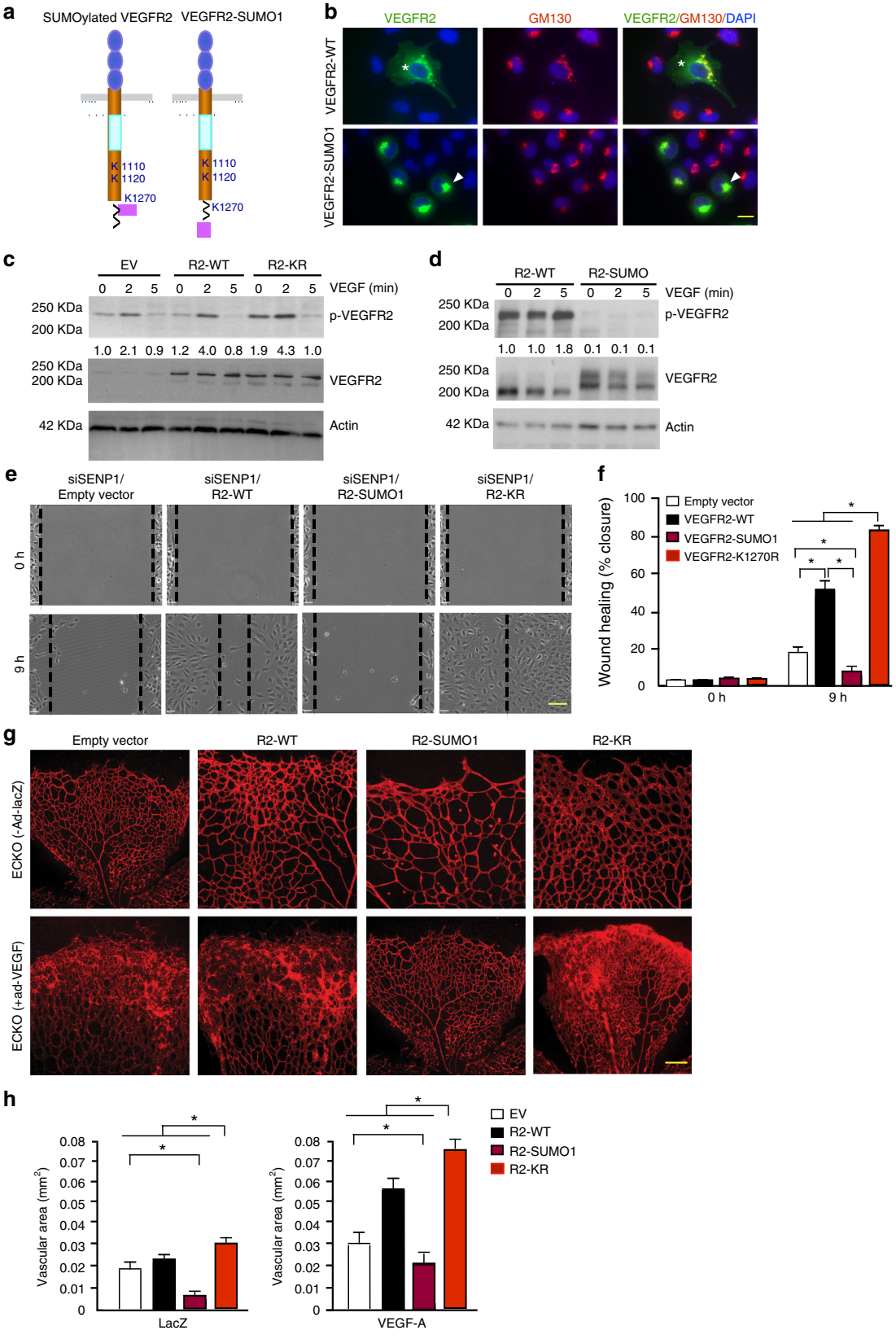

Fig. 5

The raw data associated with this experiment are provided as Supplementary Data associated with this Correction.

This has been corrected in both the PDF and HTML versions of the Article.

Published online: 15 August 2019

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2019