RETRACTION NOTE

Open Access

Retraction Note: The anti-proliferative and anti-inflammatory response of COPD airway smooth muscle cells to hydrogen sulfide

Mark M. Perry^{1*}, Bernadett Tildy², Alberto Papi³, Paolo Casolari³, Gaetano Caramori⁴, Karen Limbert Rempel⁵, Andrew J. Halayko⁵, Ian Adcock² and Kian Fan Chung²

Retraction to: Respiratory Research (2018) 19:85 https://doi.org/10.1186/s12931-018-0788-x

The Editors-in-Chief have retracted this article. After publication concerns were raised about two of the figures, specifically:

- In Figure 3a, the MPST blot for non-smokers appears to be the same as the CBS blot for smokers.
- In Figure 5a, the beta-actin blot for smokers appears to be the same as the beta-actin blot for smokers in Figure 3c in a previous article [1].

An investigation by Imperial College into the integrity of these images was unable to reach a conclusion as it was established that the raw data and images from this study are not available for examination; it was therefore recommended that the article be retracted.

Bernadett Tildy, Alberto Papi, Paolo Casolari, Gaetano Caramori, Karen Limbert Rempel, Andrew J. Halayko, Ian Adcock and Kian Fan Chung agree with this retraction. Mark Perry has not responded to correspondence from the Publisher about this retraction.

Author details

¹ School of Pharmacy & Biomedical Sciences, University of Portsmouth, St. Michael's Building, White Swan Road, Portsmouth PO1 2DT, UK. ² Airways Disease, National Heart and Lung Institute, Imperial College, London & Royal Brompton NIHR Biomedical Research Unit, London SW3 6LY, UK. ³ Sezione di Medicina Interna e Cardiorespiratoria, Centro Interdipartimentale per lo Studio delle Malattie Infiammatorie delle Vie Aeree e Patologie Fumo-Correlate (CEMICEF, formerly termed Centro di Ricerca su Asma e BPCO), Università di Ferrara, Ferrara, Italy. ⁴Unità Operativa Complessa diPneumologia, Dipartimento di Scienze BiomedicheOdontoiatriche e delle Immagini Morfologiche e Funzionali (BIOMORF), Università degli Studi di Messina, Messina, Italy. ⁵Departments of Internal Medicine & Physiology, Respiratory Hospital, Sherbrook Street, Winnipeg, MB R3A 1R9, Canada.

Published online: 25 August 2021

Reference

 O'Leary L, Sevinç K, Papazoglou IM, Tildy B, Detillieux K, Halayko AJ, Chung KF, Perry MM. Airway smooth muscle inflammation is regulated by microRNA-145 in COPD. FEBS Lett. 2016;590:1324–1334.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original articles can be found online at https://doi.org/10.1186/s12931-018-0788-x.

¹ School of Pharmacy & Biomedical Sciences, University of Portsmouth, St. Michael's Building, White Swan Road, Portsmouth PO1 2DT, UK Full list of author information is available at the end of the article



© The Author(s) 2021. **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 licence, and indicate if changes were made. The images or other third partial in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence 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 licence, visit http://creativecommons.org/licenses/by/4.0/. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

^{*}Correspondence: mark.perry@port.ac.uk