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## References

- Lederer DJ, Martinez FJ. Idiopathic pulmonary fibrosis. N Engl J Med 2018;379:797–798.
- Richeldi L, Collard HR, Jones MG. Idiopathic pulmonary fibrosis. *Lancet* 2017;389:1941–1952.
- Puxeddu E, Comandini A, Cavalli F, Pezzuto G, D'Ambrosio C, Senis L, *et al.* Iron laden macrophages in idiopathic pulmonary fibrosis: the telltale of occult alveolar hemorrhage? *Pulm Pharmacol Ther* 2014;28:35–40.
- Sangiuolo F, Puxeddu E, Pezzuto G, Cavalli F, Longo G, Comandini A, et al. HFE gene variants and iron-induced oxygen radical generation in idiopathic pulmonary fibrosis. *Eur Respir J* 2015;45:483–490.
- Kim KH, Maldonado F, Ryu JH, Eiken PW, Hartman TE, Bartholmai BJ, et al. Iron deposition and increased alveolar septal capillary density in nonfibrotic lung tissue are associated with pulmonary hypertension in idiopathic pulmonary fibrosis. *Respir Res* 2010;11:37.
- 6. Dixon SJ, Stockwell BR. The role of iron and reactive oxygen species in cell death. *Nat Chem Biol* 2014;10:9–17.
- Zhang V, Nemeth E, Kim A. Iron in lung pathology. *Pharmaceuticals* (Basel) 2019;12:30.
- Allden SJ, Ogger PP, Ghai P, McErlean P, Hewitt R, Toshner R, et al. The transferrin receptor CD71 delineates functionally distinct airway macrophage subsets during idiopathic pulmonary fibrosis. Am J Respir Crit Care Med 2019;200:209–219.
- Lesbordes-Brion JC, Viatte L, Bennoun M, Lou DQ, Ramey G, Houbron C, et al. Targeted disruption of the hepcidin 1 gene results in severe hemochromatosis. *Blood* 2006;108:1402–1405.
- Neves J, Haider T, Gassmann M, Muckenthaler MU. Iron homeostasis in the lungs: a balance between health and disease. *Pharmaceuticals* (*Basel*) 2019;12:5.
- Fisher AL, Sangkhae V, Presicce P, Chougnet CA, Jobe AH, Kallapur SG, et al. Fetal and amniotic fluid iron homeostasis in healthy and complicated murine, macaque, and human pregnancy. JCI Insight 2020;5:e135321.
- Ali MK, Kim RY, Brown AC, Donovan C, Vanka KS, Mayall JR, et al. Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. J Pathol 2020;251:49–62.

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#### Check for updates

# Retraction: Obesity-induced Endoplasmic Reticulum Stress Causes Lung Endothelial Dysfunction and Promotes Acute Lung Injury

This article (1) has been retracted by the authors. It was discovered that the same immunoblot images were used to represent two different experimental conditions. This includes Figure 1D in which a blot of GRP78 is identical to a blot labeled as  $\beta$ -catenin in another paper (2), and Figure 2F in which a blot of GADPH is identical to a portion of a GAPDH image used in that paper (2). In addition, anomalies were identified in the Western blot images in Figures 1D, 2B, 2F, 2H, 3A, 3E, 3F, and 5B. Given that the scientific

integrity of this study has been compromised, the authors believe that retraction of this paper is the best course of action. All the authors have agreed to this decision.

The authors apologize to the *Journal* and its readers.

## Reference

- Shah D, Romero F, Guo Z, Sun J, Li J, Kallen CB, Naik UP, Summer R. Obesity-induced endoplasmic reticulum stress causes lung endothelial dysfunction and promotes acute lung injury. *Am J Respir Cell Mol Biol* 2017;57:204–215.
- Shah D, Romero F, Duong M, Wang N, Paudyal B, Suratt BT, Kallen CB, Sun J, Zhu Y, Walsh K, Summer R. Obesity-induced adipokine imbalance impairs mouse pulmonary vascular endothelial function and primes the lung for injury. *Sci Rep* 2015;5: 11362.

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#### Check for updates

## Retraction: Chronic Alcohol Ingestion In Rats Alters Lung Metabolism, Promotes Lipid Accumulation, and Impairs Alveolar Macrophage Functions

An article published in the December 2014 issue of the *Journal* (1) has been retracted by the authors. It was discovered that the GAPDH band in Figure 4C is incorrect and is identical to that used in Figure 4D. Moreover, the images used to represent acetyl-CoA synthase in Figure 4D and pAMPK in Figure 4C are the same. In addition, anomalies were identified in the Western blot images for AMPK (Figure 4C) and FASN (Figure 4D). Based on these findings, although the authors continue to stand behind the conclusions reached, the scientific integrity of the manuscript has been compromised. All the authors have agreed to this decision, and they apologize to the *Journal* and its readers.

### Reference

 Romero F, Shah D, Duong M, Stafstrom W, Hoek JB, Kallen CB, Lang CH, Summer R. Chronic alcohol ingestion in rats alters lung metabolism, promotes lipid accumulation, and impairs alveolar macrophage functions. *Am J Respir Cell Mol Biol* 2014;51: 840–849.

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