

## Substance P stimulates human airway submucosal gland secretion mainly via a CFTR-dependent process

Jae Young Choi, ... , David Weill, Jeffrey J. Wine

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Corrigendum

Pulmonology

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## Corrigendum

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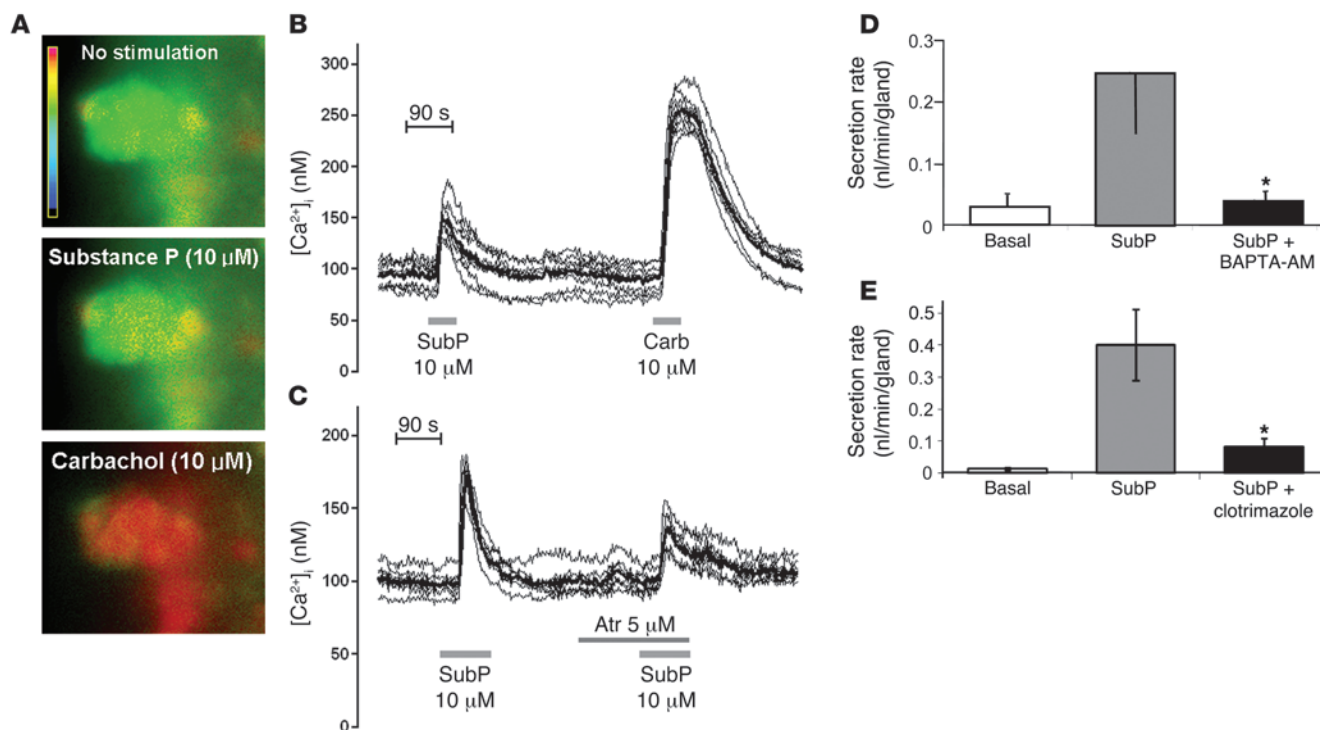
Jae Young Choi, Monal Khansaheb, Nam Soo Joo, Mauri E. Krouse, Robert C. Robbins, David Weill, and Jeffrey J. Wine

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The authors regret the errors.



## Figure 7

Evidence that SubP stimulates gland secretion, in part, via elevating  $[Ca^{2+}]_i$ . (A) Fluorescence changes in response to 10  $\mu$ M SubP and 10  $\mu$ M carbachol. Cell diameters in images are approximately 20 microns. (B)  $[Ca^{2+}]_i$  versus time for 10 cells from images in A, measured in response to sequential pulses of 10  $\mu$ M SubP and 10  $\mu$ M carbachol. (C)  $[Ca^{2+}]_i$  versus time for 10 cells from images in A, measured in response to sequential pulses of 10  $\mu$ M SubP without and with 5  $\mu$ M atropine (Atr). Fluorescence ratio, 340 nm/380 nm. (D) Mean response to SubP in presence or absence of BAPTA-AM (500  $\mu$ M); 4 experiments from 2 HN and 1 DC subjects (16–20 glands). Error bars are SEM. (E) Mean response to SubP in the absence and presence of clotrimazole (25  $\mu$ M), which blocks  $Ca^{2+}$ -activated  $K^+$  channels ( $n = 4$ , 27–42 glands).  $*P < 0.05$  versus SubP responses. Error bars are SEM.



**Table 3**  
Summary of original and new experiments with Substance P and intracellular calcium

	I Original experiment with suspect SubP	II Original experiments with good SubP	III New experiments	I + II Published data	II + III Corrected data
Resting [Ca <sup>2+</sup> ] <sub>i</sub>	72–105 nM	70–120nM	85–140 nM	70–120nM	70–140 nM
<i>n</i> , subjects; <i>n</i> cells	1; 6	4; 33	4; 25	5; 39	8; 58
<i>n</i> (%) cells responding to SubP	6/6 (100%) <sup>A</sup>	25/33 (76%)	22/25 (88%)	31/39 (79%)	47/58 (81%)
[Ca <sup>2+</sup> ] <sub>i</sub> response to SubP (peak value, nM)	134 ± 34 <sup>A</sup>	140 ± 32	125 ± 18	139 ± 33	133 ± 35
<i>n</i> cells responding to carbachol (1 or 10 μM)	6/6 (100%)	33/33 (100%)	25/25 (100%)	39/39 (100%)	58/58 (100%)
[Ca <sup>2+</sup> ] <sub>i</sub> response to Carb 1 μM (peak value, nM)	194 ± 10	186 ± 17	Not done	187 ± 19	186 ± 17
[Ca <sup>2+</sup> ] <sub>i</sub> response to Carb 10 μM (peak value, nM)	256 ± 20	252 ± 15	202 ± 35	253 ± 17	231 ± 36
PAS positivity in SubP responsive cells	2/6 (33%)	7/25 (28%)	Not done	9/31 (29%)	7/25 (28%)
PAS positivity in SubP nonresponsive cells	NA	6/8 (75%)	Not done	6/8 (75%)	6/8 (75%)
% cells responding to SubP (10 μM) in presence of atropine	Not done	Not done	22/22 (100%)	Not done	22/22 (100%)

<sup>A</sup>Published data generated using possibly contaminated Substance P.

## Corrigendum

### FoxO1 expression in osteoblasts regulates glucose homeostasis through regulation of osteocalcin in mice

Marie-Therese Rached, Aruna Kode, Barbara C. Silva, Dae Young Jung, Susan Gray, Helena Ong, Ji-Hye Paik, Ronald A. DePinho, Jason K. Kim, Gerard Karsenty, Stavroula Kousteni

Original citation: *J Clin Invest.* 2010;120(1):357–368. doi:10.1172/JCI39901.

Citation for this corrigendum: *J Clin Invest.* 2010;120(3):932. doi:10.1172/JCI39901C1.

The legend for Figure 5H was incorrect. The correct text appears below.

**(H)** Changes in uncarboxylated or undercarboxylated Ocn in serum of WT and *Foxo1<sup>ob-/-</sup>* mice; *n* = 5 mice/group.

The authors regret the error.

## Erratum

### Urea-induced ROS generation causes insulin resistance in mice with chronic renal failure

Maria D’Apolito, Xueliang Du, Haihong Zong, Alessandra Catucci, Luigi Maiuri, Tiziana Trivisano, Massimo Pettoello-Mantovani, Angelo Campanozzi, Valeria Raia, Jeffrey E. Pessin, Michael Brownlee, and Ida Giardino

Original citation: *J Clin Invest.* 2010;120(1):203–213. doi:10.1172/JCI37672.

Citation for this erratum: *J Clin Invest.* 2010;120(3):932. doi:10.1172/JCI37672E1.

During the preparation of the manuscript, the urea infusion rate was incorrectly given. The correct sentence containing the infusion rate appears below.

The rats were allowed to recover from the surgery for 5 days and then were either infused with isotonic PBS or urea (100 mg/kg/h) for 48 hours using a microdialysis pump.

The *JCI* regrets the error.