JCI The Journal of Clinical Investigation

Ordering of ceramide formation, caspase activation, and mitochondrial changes during CD95- and DNA damage–induced apoptosis

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J Clin Invest. 1999;103(9):1363-1363. https://doi.org/10.1172/JCI5457E1.

Erratum

J. Clin. Invest.103:971–978 (1999) During the production process, the word caspase was misspelled in the title; the correct title appears above. Also, in the legend for Table 1 the mu symbol (μ) was formatted incorrectly; the correct legend appears below. We regret the error. Table 1Jurkat cells (J16) were preincubated for 2 h with zVAD-fmk (50 μM), DEVD-CHO (100 μM) or left untreated and then exposed to etoposide (10 μg/ml) or IR (30 Gy). After 16 h incubation, Cer content, nuclear fragmentation, mitochondrial transmembrane potential and cell viability were determined in parallel samples as described in the Methods section. The results are representative of two independent experiments.

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May 1999

Volume 103 | Number 9

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Table 1

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Estrogen receptor a mediates the nongenomic activation of endothelial nitric oxide synthase by estrogen

Zhong Chen, Ivan S. Yuhanna, Zoya Galcheva-Gargova, Richard H. Karas, Michael E. Mendelsohn, and Philip W. Shaul

J. Clin. Invest. **103**:401–406 (1999)

During the production process, panels *a* and *b* of Figure 2 were mistakenly repeated as panels *c* and *d*. The correct display of the figure and accompanying legend is reproduced here. We regret the error and have provided corrected reprints to the corresponding author: Philip W. Shaul, Department of Pediatrics, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, Texas 75235-9063, USA. Phone: (214) 648-2015; Fax: (214) 648-2481; E-mail: pshaul@mednet.swmed.edu.

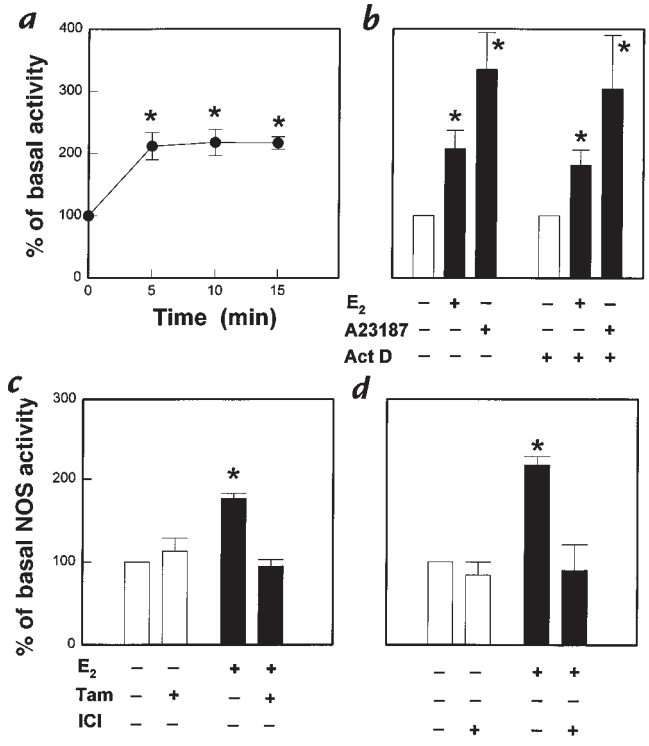

Figure 1

Rapid activation of eNOS in endothelial cells. (***a***) Effect of E_2 on eNOS activity in intact PAEC. [^{3}H]L-arginine conversion to [^{3}H]L-citrulline was measured over 5–15 min in the presence of 10^{-8} M E_2. (***b***) Effect of actinomycin D (*Act D*) on the rapid activation of eNOS. After 120 min preincubation in the absence or presence of 25 μg/ml Act D, 15 min incubations were done with or without continued Act D and either 10^{-8} M E_2 or the calcium ionophore A23187 (10^{-5} M). (***c***) Effect of tamoxifen on E_2-stimulated eNOS activity. Fifteen-minute incubations were performed in the absence or presence of 10^{-8} M E_2, with or without 10^{-6} M tamoxifen (*Tam*) added simultaneously. Partial inhibition (50%–70%) was also noted with 10^{-8} M Tam (13). (***d***) Effect of ICI 182,780 on E_2-stimulated eNOS activity. Fifteen-minute incubations were performed in the absence or presence of 10^{-8} M E_2, with or without 10^{-5} M ICI 182,780 added simultaneously. Full inhibition was also observed with 10^{-6} M ICI 182,780 (13). Values are mean ± SEM; $n = 4–6$. *$P < 0.05$ vs. basal. E_2, estradiol-17β; *eNOS*, endothelial nitric oxide; *PAEC*, pulmonary artery endothelial cells.