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Ordering of ceramide formation, caspase activation, and mitochondrial changes during CD95and DNA damage–induced apoptosis

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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 1

Jurkat cells (J16) were preincubated for 2 h with zVAD-fmk (50 μ M), DEVD-CHO (100 μ M) or left untreated and then exposed to etoposide (10 μ g/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.

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

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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.

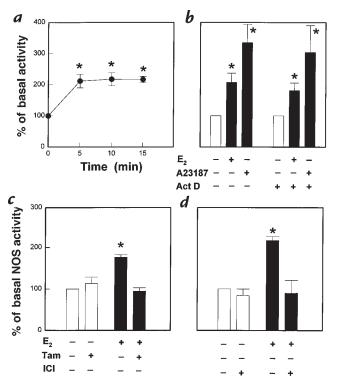


Figure 1

Rapid activation of eNOS in endothelial cells. (a) Effect of E2 on eNOS activity in intact PAEC. [³H]L-arginine conversion to [³H]L-citrulline was measured over 5–15 min in the presence of 10^{-8} M E₂. (**b**) Effect of actinomycin D (Act D) on the rapid activation of eNOS. After 120 min preincubation in the absence or presence of 25 μ g/ml Act D, 15 min incubations were done with or without continued Act D and either 10^{-8} M E₂ or the calcium ionophore A23187 (10^{-5} M). (c) Effect of tamoxifen on E2-stimulated eNOS activity. Fifteen-minute incubations were performed in the absence or presence of 10⁻⁸ M E₂, 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 E2-stimulated eNOS activity. Fifteen-minute incubations were performed in the absence or presence of 10⁻⁸ M E₂, 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-17 β ; *eNOS*, endothelial nitric oxide; PAEC, pulmonary artery endothelial cells.