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ERRATUM

Erratum. Metformin inhibits testosterone-induced endoplasmic reticulum stress in ovarian granulosa cells via inactivation of p38 MAPK

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Oxford University Press would like to apologise for a typesetting error in Figure 5 of the above article. A repeat of Figure 4 was published instead of Figure 5. The correct figure is reproduced below.

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[†]The authors consider that the first two authors should be regarded as joint first authors.

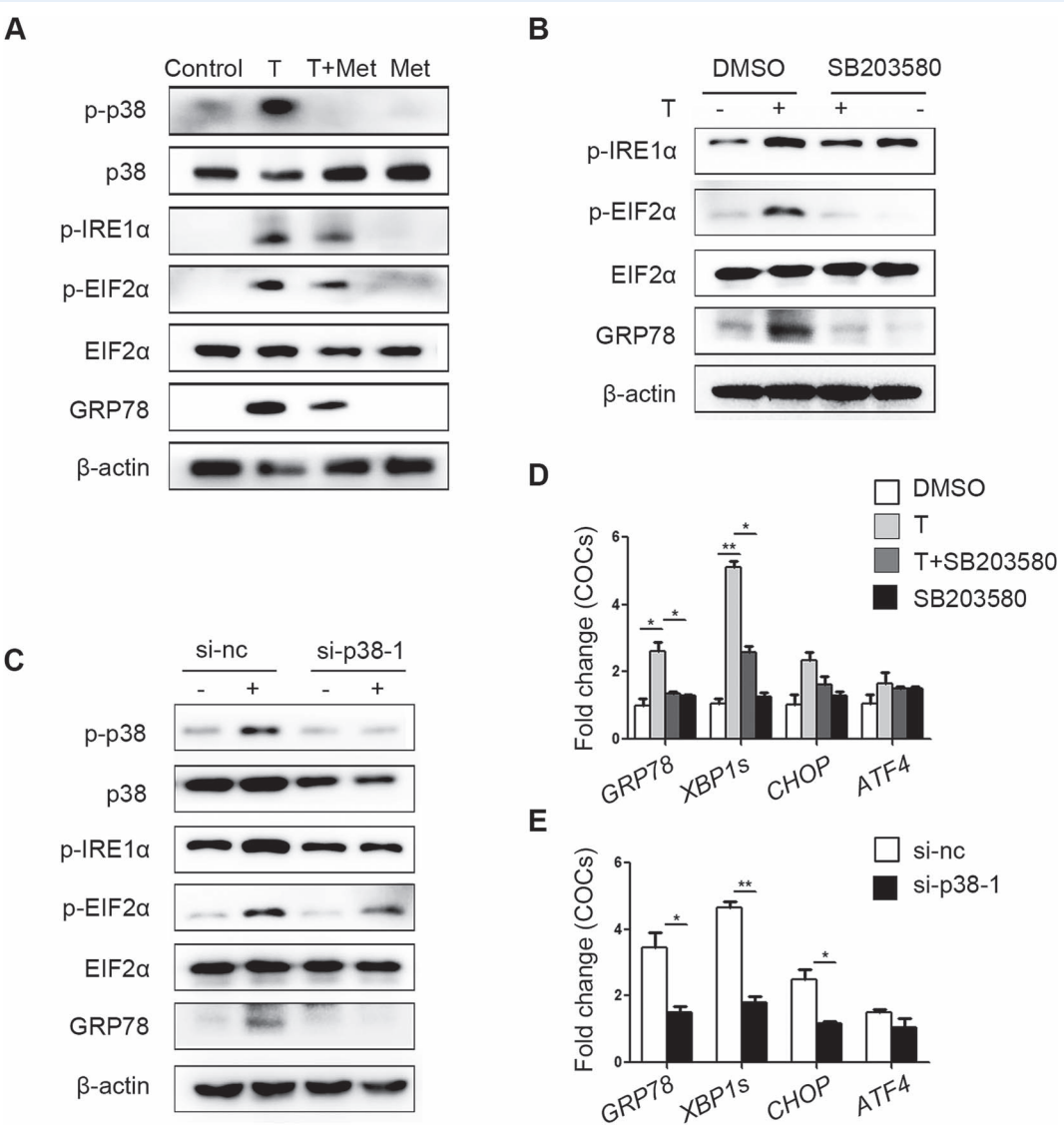

Figure 5 Ameliorative effects of metformin on testosterone-induced endoplasmic reticulum (ER) stress in cumulus oocyte complexes (COCs) mediated via reduction of p38 MAPK phosphorylation. (**A**) Unfolded protein response (UPR) sensor protein levels in COCs treated with 10 μM testosterone (T) and 1 mM metformin (met). (**B**) Changes in ER stress-related protein levels in COCs treated with 10 μM testosterone and 10 μM SB203580 (a p38 MAPK inhibitor) as detected by western blot. (**C**) Western blot results showing the changes in the indicated proteins in COCs treated with 10 μM testosterone after transfection with si-p38 MAPK. Real-time qPCR results showing the effects of SB203580 (**D**) and si-p38 MAPK (**E**) on ER stress-related mRNA transcription levels in COCs treated with 10 μM testosterone; the signals were normalized to those of *Gapdh*. The data are presented as means ± SEMs. $^{*}P < 0.05$, $^{**}P < 0.01$. Si-nc, negative control siRNA; Met, metformin; T, testosterone.