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ERRATUM

Erratum to: An extract of *Melia toosendan* attenuates endothelin-1-stimulated pigmentation in human epidermal equivalents through the interruption of PKC activity within melanocytes

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The author regretted their error in Figs. 2c and 3a on the published article. The corrected Figs. 2 and 3 are presented below.

The online version of the original article can be found under doi:10.1007/s00403-011-1143-y.

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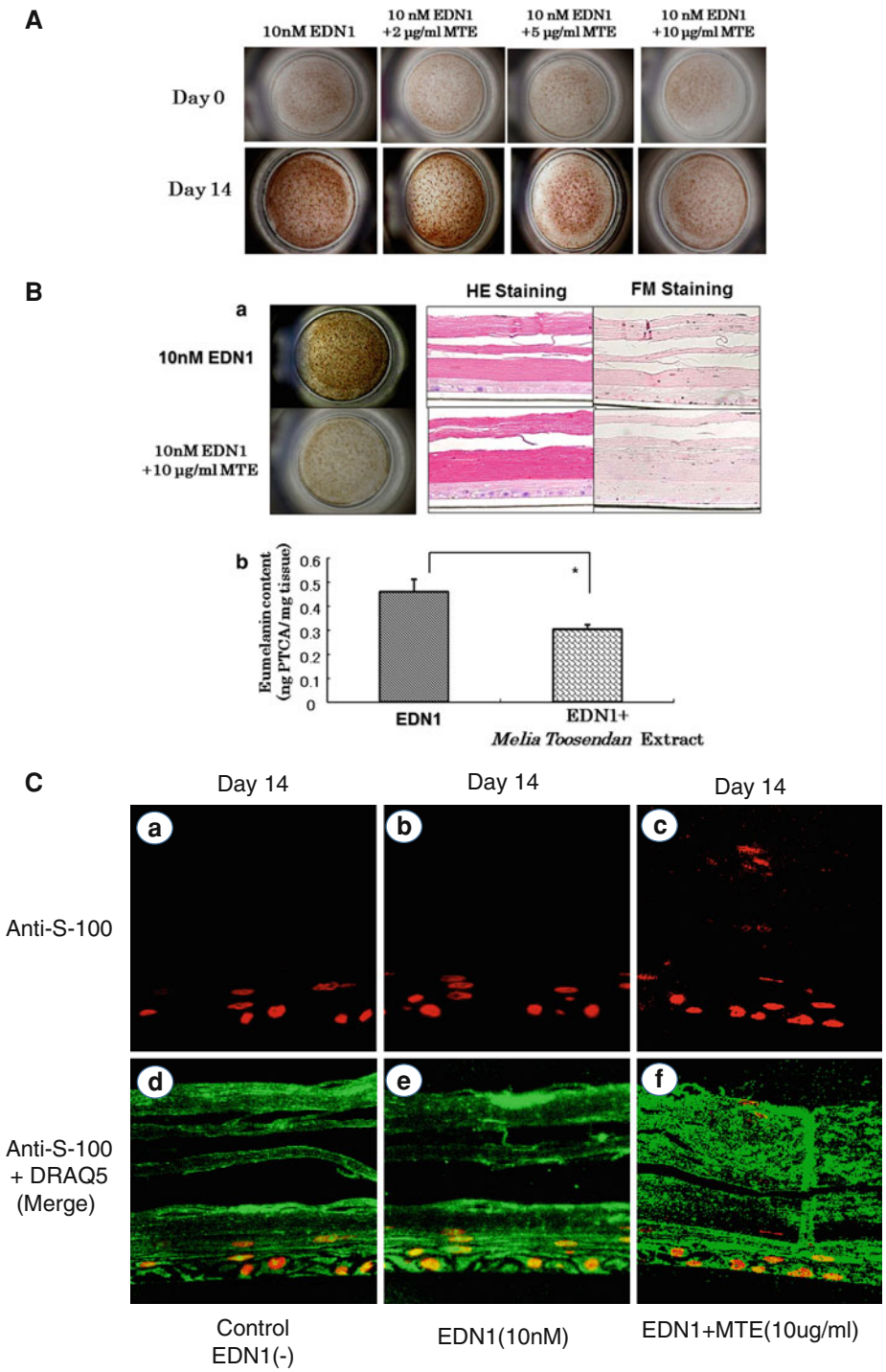

Fig. 2 **a** Inhibitory effect of the *Melia toosendan* extract on EDN1-stimulated pigmentation in human epidermal equivalents. Human epidermal equivalents were cultured at 37°C for 14 days in DMEM supplemented with 10 nM EDN1, with or without the *Melia toosendan* extract at concentrations of 2, 5 or 10 µg/ml. The media were exchanged every 2 days. **b** HE and Fontana Masson staining and HPLC analysis of eumelanin content in *Melia toosendan* extract-treated human epidermal equivalents. *a* HE and FM staining at day 14. *b* Eumelanin content at day 14. Human epidermal equivalents were cultured at 37°C for 14 days in DMEM supplemented with 10 nM EDN1 with or without the *Melia toosendan* extract at a concentration of 10 µg/ml. The media were exchanged every 2 days. Melanins produced in the epidermal equivalents at day 14 were subjected to chemical analysis as detailed in the "Materials and methods". Eumelanin content is estimated by quantitation of the pyrrole-2,3,5-tricarboxylic acid (PTCA) derivative. $n = 3$, $^*p < 0.05$. **c** Immunohistochemistry with anti-S-100 protein at day 14. *a–c* Immune staining with anti-S-100 protein as *red color* at day 14. *d–f* Merged images (as *yellow color*) with DRAQ5 as *green color*. Sections were immunostained with anti-S-100 protein and double-stained with DRAQ5 as detailed in "Materials and methods"

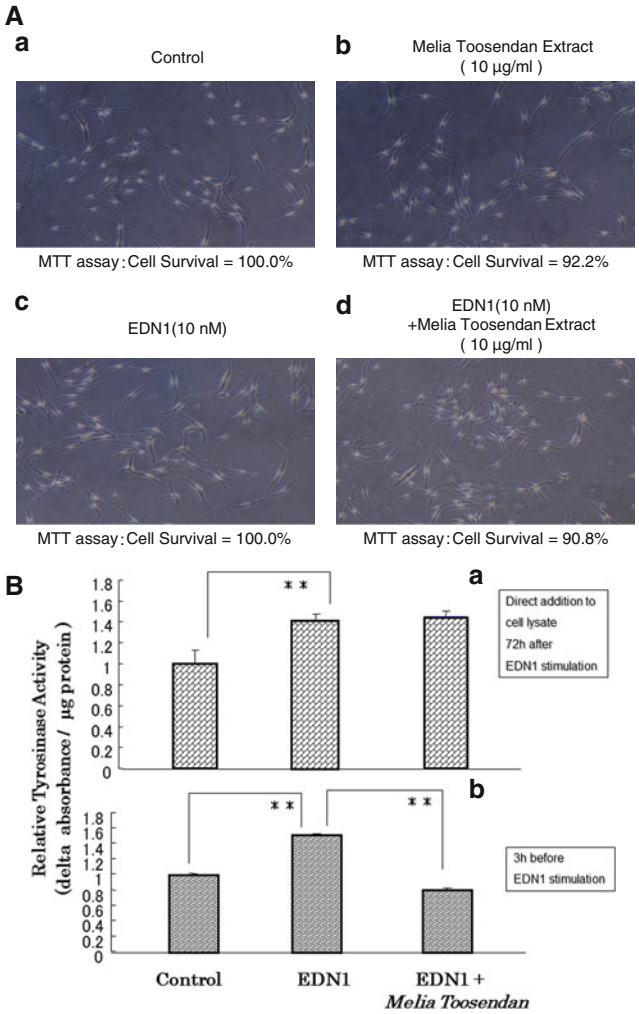

Fig. 3 Effect of the *Melia toosendan* extract on cell viability (**a**) and on tyrosinase activity (**b**). NHM were cultured for 72 h after EDN1 stimulation together with 3 h pre-incubation with the *Melia toosendan* extract at a concentration of 10 µg/ml after which cell viability was evaluated by cellular morphology and MTT assay (*a*) and the cell lysates were measured for tyrosinase activity (*b*). In separate experiments, lysates of NHM cultured in the absence of the *Melia toosendan* extract for 72 h after EDN1 stimulation were directly incubated with the *Melia toosendan* extract at a concentration of 10 µg/ml after which tyrosinase activity was measured, as described in "Materials and methods" in lysates of NHM (**b**). **a** *a* Control, 3 h after the mock addition, *b Melia toosendan* extract, 3 h after the addition, *c* EDN1, 72 h after EDN1 stimulation, *d Melia toosendan* extract + EDN1, 72 h after EDN1 stimulation. **b** *a* directly added to cell lysate after being cultured for 72 h in the presence of EDN1, *b* added 3 h before EDN1 stimulation and cultured for 72 h in the presence of EDN1. $n = 3$, $^{**}p < 0.01$