# **scientific** reports



## **OPEN Author Correction: The Japanese** herbal medicine Hangeshashinto enhances oral keratinocyte migration to facilitate healing of chemotherapy-induced oral ulcerative mucositis

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Kanako Miyano, Moeko Eto, Suzuro Hitomi, Takashi Matsumoto, Seiya Hasegawa, Ayane Hirano, Kaori Nagabuchi, Noriho Asai, Miaki Uzu, Miki Nonaka, Yuji Omiya, Atsushi Kaneko, Kentaro Ono, Hideaki Fujii, Yoshikazu Higami, Toru Kono & Yasuhito Uezono

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This Article contains errors where n values were omitted from some of the Figure and Table legends.

In the legend of Figure 1,

"(b) Effect of HST (1, 10, 100 μg/mL) on the scratch-induced migration of HOKs over time. (c) Extent of the scratch-induced migration of HOKs treated with HST (1, 10, 100 µg/mL) for 72 h calculated as the ratio of vehicle [confluence of HOKs (%) in wound area treated with HST/that treated with vehicle]. (d) Cell viability in HOKs treated with vehicle or HST (1, 10, 100 μg/mL) for 72 h. Data are expressed as the ratio of vehicle at 72 h."

### should read:

"(b) Effects of HST  $(1, 10, 100 \mu g/mL)$  on the scratch-induced migration of HOKs over time (n = 12-13). (c) Extent of the scratch-induced migration of HOKs treated with HST (1, 10, 100 µg/mL) for 72 h calculated as the ratio of vehicle [confluence of HOKs (%) in wound area treated with HST/ that treated with vehicle (n = 12-13). (d) Cell viability in HOKs treated with vehicle or HST  $(1, 10, 100 \,\mu\text{g/mL})$  for 72 h (n = 14). Data are expressed as the ratio of vehicle at 72 h."

In the legend of Figure 2,

"HOKs were treated with 1, 10, or 30 μg/mL of Pinellia tuber (a), Scutellaria root (b), processed ginger (c), Glycyrrhiza (d), jujube (e), ginseng (f), or Coptis rhizome (g)."

### should read:

"HOKs were treated with 1, 10 or 30  $\mu$ g/mL of pinellia tuber (a), Scutellaria root (b), processed ginger (c), Glycyrrhiza ( $\mathbf{d}$ ), jujube ( $\mathbf{e}$ ), ginseng ( $\mathbf{f}$ ), and Coptis rhizome ( $\mathbf{g}$ ) (n = 15-18)."

In the legend of Table 1,

"HOKs were treated with various ingredients of Scutellaria root (baicalin, baicalein, and wogonin), processed ginger ([6]-shogaol, [8]-shogaol, [10]-shogaol, [6]-gingerol, [8]-gingerol, and [10]-gingerol), and Gglycyrrhiza (glycyrrhizin, liquiritin, isoliquiritin, liquiritin apioside, and isoliquiritigenin) for 72 h. Data are expressed as the ratio of vehicle at 72 h."

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should read:

"HOKs were treated with various ingredients of scutellaria root (baicalin, baicalein and wogonin), processed ginger ([6]-shogaol, [8]-shogaol, [10]-shogaol, [6]-gingerol, [8]-gingerol and [10]-gingerol) and Glycyrrhiza (glycyrrhizin, Liquiritin, Isoliquiritin, Liquiritin apioside, and Isoliquiritigenin) for 72 h (n = 11-20). Data are expressed as the ratio of vehicle at 72 h."

In the legend of Figure 4,

"HOKs were co-treated with HST (100  $\mu$ g/mL) and an ERK inhibitor U0126 (10  $\mu$ M, **a**), JNK inhibitor II (1  $\mu$ M, **b**), p38 inhibitor SB202190 (10  $\mu$ M, **c**), or a CXCR4 inhibitor BDPA-Zn (3  $\mu$ M, **d**)."

should read:

"HOKs were co-treated with HST (100  $\mu$ g/mL) and an ERK inhibitor U0126 (10  $\mu$ M, **a**), a JNK inhibitor II (1  $\mu$ M, **b**), a p38 inhibitor SB202190 (10  $\mu$ M, **c**) or a CXCR4 inhibitor BDPA-Zn (3  $\mu$ M, **d**) (n = 18–51)."

In the legend of Figure 6,

"HSC-4 (a), SCC-25 (b), DLD-1 (c), and MKN-45 (d) cell lines were treated with HST for 72 h, then cell growth was measured using Cell Counting Kit-8. HSC-4 (e) and SCC-25 (f) cells were treated with HST (1, 10, and 100 μg/mL) for 72 h, then the area occupied by cancer cells on the scratched area was quantified using IncyCyte scratch wound cell migration software (ESSEN BioScience)."

should read:

"HSC-4 (a), SCC-25 (b), DLD-1 (c) and MKN-45 (d) cell lines were treated with HST for 72 h, then cell growth were measured using Cell Counting Kit-8 (n = 9). HSC-4 (e, n = 8-16) and SCC-25 (f, n = 3-7) cells were treated with HST (1, 10,  $100 \mu g/mL$ ) for 72 h, then the area occupied by cancer cells on the scratched area were quantified using IncuCyte scratch wound cell migration software (ESSEN BioScience)."

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