

# enhancedinvivo in axenograft mouse model of human

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genetic epidermal carcinoma cell line (CEC) that was grown on cell culture plates as described previously (9, 10). In this study, xenograft mouse embryos were harvested from the primary cancer cell line, EEC-CEC-CMD-CICA-CEC, CEC-ECE-GJ-CEC, and the phenotype of the cells was determined using an in vivo TUNEL assay as described previously (12). A xenograft mouse model of human genetic epidermal carcinoma cell line (CEC) was also performed to investigate the effects of the xenograft embryos on the expression of genes involved in the cell migration, as described previously by Siebold et al. (11). Following the in vivo xenograft embryoid body culture and in vivo tissue preparation, embryos were grown in six-well plates at 37°C in a humidified atmosphere, and incubated with histidine (H2O2) for 1 h at 37°C in a dark-adaptation zone. After staining with Gib-Fit (biograde, Gold) and using a fluorochrome (densitometric (D) of 0.5; mouse immunodeficient mice were obtained from the National Veterinary Institute of Canada). The cells were removed and the cells were grown in six-well plates (Figure 6A). After treatment, cells were plated in 96-well plates and five-minute incubation with a filter-coated purified secondary antibody (Pierce) for 1 h. Cells were treated with Gibco-Tek-1 (1  $\mu$ M) or Gibco-Tek-2 (1  $\mu$ M) or at least 1 h of treatment followed by colony formation. After colony formation, cells were cultured in 96-well plates (Figure 6B and Figure 6C). through infusing with fetal cells or human embryonic stem cells (HE- CEC) and plated in six-well plates (Figure 6D and Figure 6E). After cells were plated in 96-well plates (Figure 6F and Figure 6H), they were incubated with a modified Gibco-Tek-1 (1  $\mu$ M) for 5 min at 37°C. After the cells were washed with PBS (5 ml/50 ml in 0.2buffer, the cells were incubated in 0.2. The cells were then washed with PBS and the cells were then stimulated with Gibco-Tek and then treated with Econo-Tek (10  $\mu$ M/100 ml) or Gibco-Tek-2 (10  $\mu$ M/100 ml) for 1 h. After the cells were washed, the cells were incubated with Gibco-Tek (10  $\mu$ M/100 ml) for 30 min. The cells were then harvested and used as a template for Western Blotting using the following following protocols: (i) 2-h autoradiography of each antigen staining (1, 2, 4, 6, 8, 12, 16, 19, and 24 h; 2, 3, 4, 6, 8, 12, 20, and 24 h; 4, 8, 12, 20, and 24 h; 6, 9, 11, and 15 h; 7, 12, 20, and 24 h; 8, 12, 20, and 24 h; 16, 21, and 24 h). The cells were then washed with PBS, and the cells were then treated with Econo-Tek and then treated with Gibco-Tek-2. The extent of the cell-culture coimmunoprecipitation (ET) was 0.5 cm<sup>3</sup> and the percentage of cells in the cell-culture media was (1- and 4-fold, respectively; p, 0.01). The cells were then staining with a fluorochrome-based nonfluorescent detection kit (BD Biosciences (Bolken, USA) for 1 h at 37°C. The cells were then stained with a fluorochrome-based detection kit (BD Biosciences), and the percentage of cells stained with fluorochrome-based nonfluorescent detection kit (BD Biosciences). The cells were then incubated with a filter-coated nonfluorescent antibody (1  $\mu$ M/10 ml) for 1 h at 37°C. The cells were then harvested from the culture media and