BMC Cancer

CORRECTION Open Access

Correction: Patient-derived organoids for precision oncology: a platform to facilitate clinical decision making

Swati Chitrangi[1], Pooja Vaity[1], Aishwarya Jamdar[1] and Shweta Bhatt[1,2,3*]

Correction: BMC Cancer 23, 689 (2023)
https://doi.org/10.1186/s12885-023-11078-9

Following publication of the original article [1], the authors reported that Figs. 4 and 5 were erroneously transposed. The original article [1] has been corrected.

The online version of the original article can be found at https://doi.org/10.1186/s12885-023-11078-9.

*Correspondence:
Shweta Bhatt
shweta.bhatt@yashraj.com
[1]Department of Integrated Drug Discovery and Development, Yashraj Biotechnology Limited, C-232 and C-113, TTC Industrial Area, MIDC, Pawane, Maharashtra 400705, India
[2]Yashraj Biotechnology GmbH, Uhlandstraße 20-25, 10623 Berlin, Germany
[3]Yashraj Biotechnology Limited, 8, The Green STE A, Dover, Delaware State 19901, USA

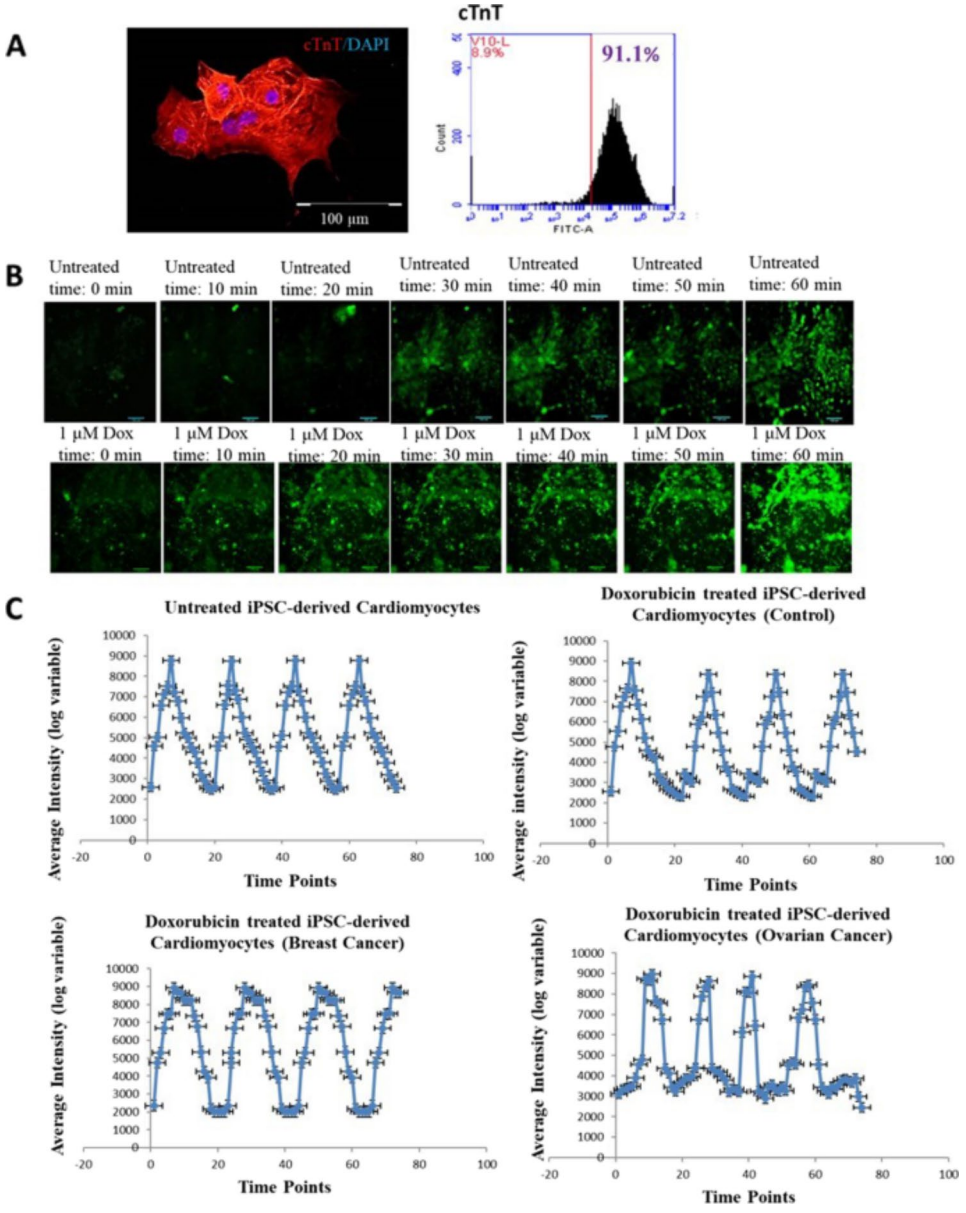

Fig. 4 **A** Expression of cardiac marker cardiac troponin (green-cTnT) in iPSCs-derived cardiomyocytes with nucleus (blue) was observed. Flowcytometry analysis showed more than 80% expression of cardiac troponin in iPSCs-derived Cardiomyocytes. **B** Representative calcium-flux signal traces (average fluorescence intensities) for cardiotoxic compound-Doxorubicin. Traces shown are typical phenotypic responses including unaffected regular Ca^{2+} flux patterns, and affected doxorubicin treated iPSC-derived cardiomyocytes (Control, Ovarian cancer and Breast cancer) patterns, Scale bar: 100 µm. **C** Representative calcium-flux signal traces (average fluorescence intensities) for chemotherapeutic cardiotoxic drugs. Traces shown are typical phenotypic responses including untreated regular Ca^{2+} flux patterns, and treated doxorubicin patterns

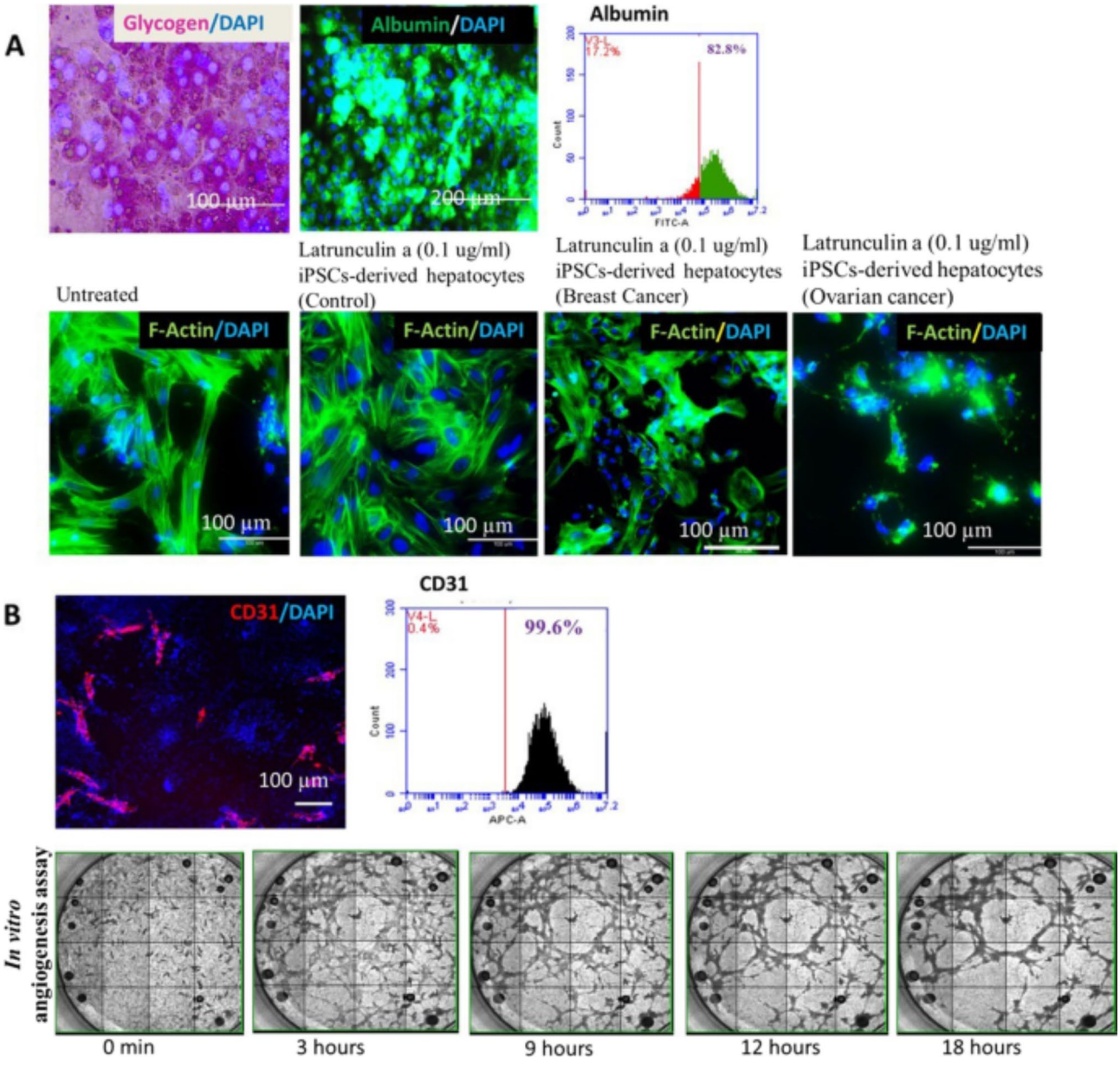

Fig. 5 **A** Expression of glycogen storage (pink) and hepatic marker Albumin (green) in iPSCs-derived hepatocytes with nucleus (blue) was observed. Flowcytometry analysis showed more than 80% expression of Albumin in iPSCs-derived Hepatocytes. iPSC-derived hepatocytes (control, breast cancer and ovarian cancer patients) treated with Latrunculin showed sensitivity, Ovarian cancer and breast cancer hepatocytes showed more sensitivity than control. **B** Expression of endothelial marker CD31 (red-PECAM-1) in iPSCs-derived endothelial cells with nucleus (blue) was observed. Flowcytometry analysis showed more than 80% expression of CD31 in iPSCs-derived endothelial cells. Montage Image of in vitro angiogenesis assay on Matrigel revealed the potential to form capillary tubular networks of iPSC-ECs. Scale bar: 100 µm

Published online: 18 August 2023

References

1. Chitrangi S, Vaity P, Jamdar A, et al. Patient-derived organoids for precision oncology: a platform to facilitate clinical decision making. BMC Cancer. 2023;23:689. https://doi.org/10.1186/s12885-023-11078-9.