



Cite this: *Biomater. Sci.*, 2026, **14**, 1597

DOI: 10.1039/d6bm90008a

rsc.li/biomaterials-science

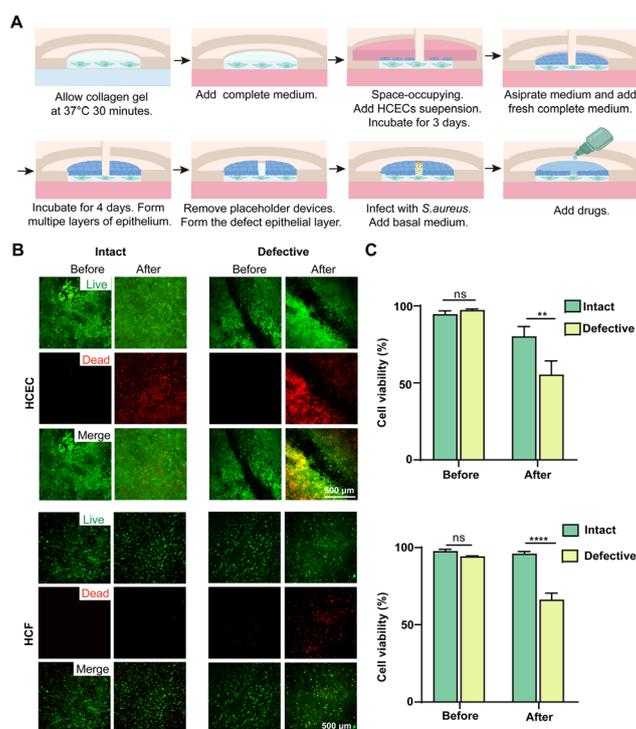
## Correction: A biomimetic human disease model of bacterial keratitis using a cornea-on-a-chip system

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Correction for 'A biomimetic human disease model of bacterial keratitis using a cornea-on-a-chip system' by Yudan Deng et al., *Biomater. Sci.*, 2024, **12**, 5239–5252, <https://doi.org/10.1039/D4BM00833B>.

The authors regret inadvertently missing two sample groups from the original data repository. The updated data repository is publicly available at [https://pan.baidu.com/s/1Jl5XX3cpgeQDro8bdN\\_wZA?pwd=e6y9](https://pan.baidu.com/s/1Jl5XX3cpgeQDro8bdN_wZA?pwd=e6y9).

The authors regret an error in Fig. 5B in the original manuscript. The correct version of Fig. 5 is as shown below.



**Fig. 5** Engineering model of BK. (A) Schematic diagram of the process of constructing cornea-on-a-chip infected with *S. aureus*. (B) Micrographs of cell live/dead staining of intact and defective corneal tissue before and after infection with *S. aureus*. Infect time, 24 h. Green, live cells; red, dead cells. Scale bar, 500 μm. (C) The cell viability of HCECs and HCFs before and after infection calculated from Fig. 4B. "ns" no significant difference, "\*\*\*"  $P < 0.01$ , "\*\*\*\*"  $P < 0.0001$ . The representative data from three independent samples.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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