

## CORRECTION

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## Correction: Interrogating cardiac muscle cell mechanobiology on stiffness gradient hydrogels

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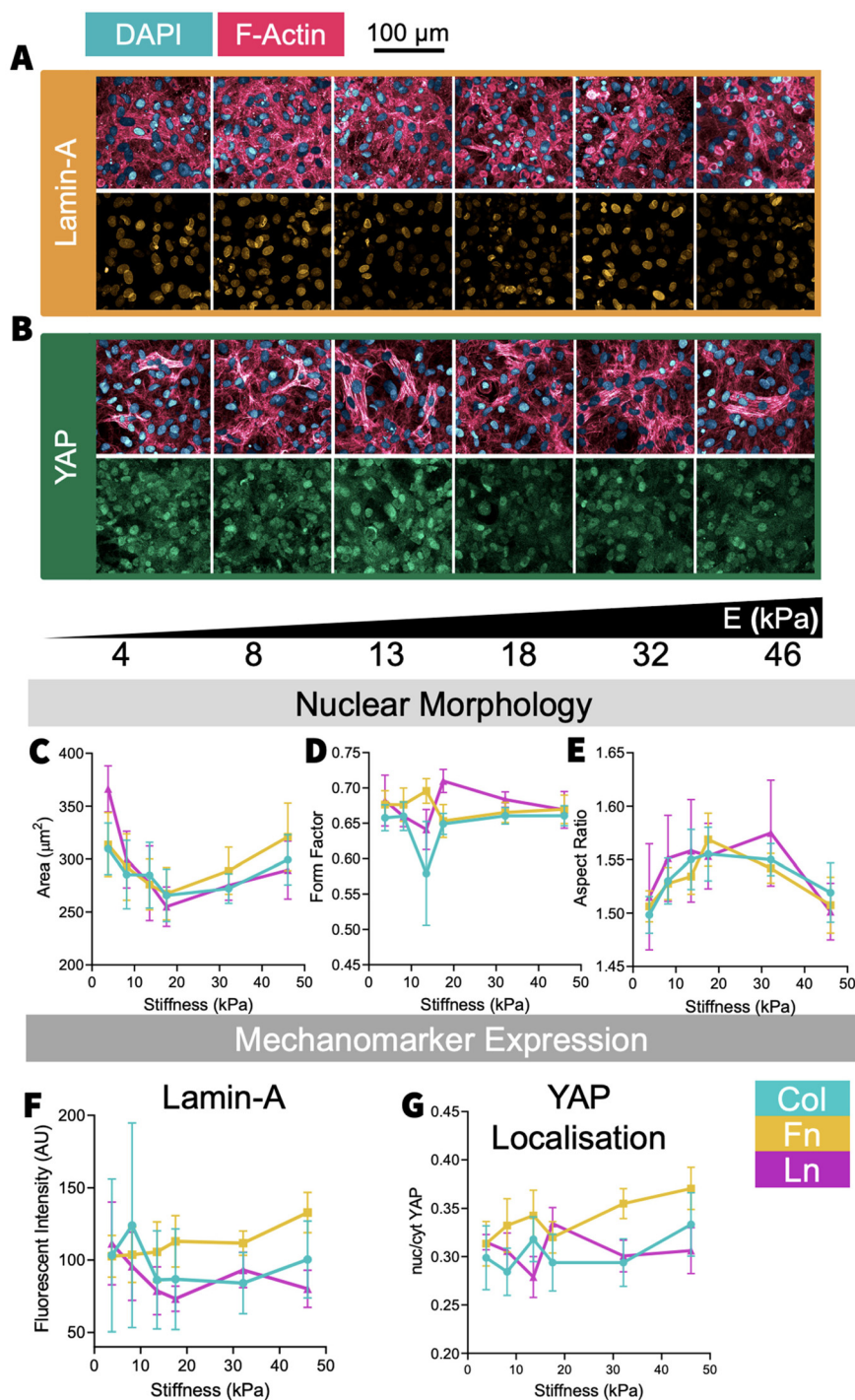
Correction for 'Interrogating cardiac muscle cell mechanobiology on stiffness gradient hydrogels' by Ian L. Chin *et al.*, *Biomater. Sci.*, 2021, **9**, 6795–6806, <https://doi.org/10.1039/D1BM01061A>.

The authors regret that an incorrect panel was inserted into Fig. 5 in the original manuscript. The correct Fig. 5 is as shown here.

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**Fig. 5** Morphology and mechanomarker expression in neonatal rat cardiomyocytes (NRCMs). Representative immunofluorescent images of NRCMs cultured on Col-coated substrates, stained for DAPI, F-actin and (A) Lamin-A or (B) YAP. (C) Analysis DAPI stain did not reveal any significant relationships between substrate stiffness and nuclei size (Pearson's correlation Col –  $R^2 = 0.01$ ,  $P > 0.05$ ,  $n = 5$ ; Fn  $R^2 = 0.10$ ,  $p > 0.05$ ,  $n = 7$ ; Ln  $R^2 = 0.20$ ,  $P > 0.05$ ,  $n = 5$ ), (D) substrate stiffness and nuclei form factor (Pearson's correlation Col –  $R^2 = 0.06$ ,  $P > 0.05$ ,  $n = 5$ ; Fn  $R^2 = 0.11$ ,  $p > 0.05$ ,  $n = 7$ ; Ln  $R^2 = 0.01$ ,  $P > 0.05$ ,  $n = 5$ ) and (E) substrate stiffness and nuclei aspect ratio (Pearson's correlation Col –  $R^2 = 0.02$ ,  $P > 0.05$ ,  $n = 5$ ; Fn  $R^2 = 0.01$ ,  $p > 0.05$ ,  $n = 7$ ; Ln  $R^2 = 0.01$ ,  $P > 0.05$ ,  $n = 5$ ). (F) A positive correlation was observed between Lamin-A expression and stiffness for cells cultured on Fn coated hydrogels, but not on Col or Ln coated hydrogels (Pearson's correlation, Col –  $R^2 = 0.11$ ,  $P > 0.05$ ,  $n = 4$ ; Fn –  $R^2 = 0.85$ ,  $P < 0.05$ ,  $n = 5$ ; Ln –  $R^2 = 0.21$ ,  $P > 0.05$ ,  $n = 5$ ). (G) Similarly, YAP was increasingly nuclear localised with increasing stiffness on cells cultured on Fn-coated hydrogels but not Col- or Ln-coated hydrogels (Pearson's correlation, Col –  $R^2 = 0.37$ ,  $P > 0.05$ ,  $n = 4$ ; Fn –  $R^2 = 0.79$ ,  $P < 0.05$ ,  $n = 5$ ; Ln –  $R^2 = 0.004$ ,  $P > 0.05$ ,  $n = 5$ ). All graphs show mean  $\pm$  SEM.

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