Influence of polydimethylsiloxane substrate stiffness on corneal epithelial cells

Sophia Masterton and Mark Ahearne

Article citation details
R. Soc. open sci. 6: 191796.
http://dx.doi.org/10.1098/rsos.191796

Review timeline
Original submission: 16 October 2019
Final acceptance: 4 November 2019

Note: Reports are unedited and appear as submitted by the referee. The review history appears in chronological order.

Note: This manuscript was transferred from another Royal Society journal with peer review.

Review History

Decision letter (RSOS-191796)

04-Nov-2019

Dear Dr Ahearne:

It is a pleasure to accept your manuscript entitled "Influence of polydimethylsiloxane substrate stiffness on corneal epithelial cells" in its current form for publication in Royal Society Open Science. The comments of the reviewer(s) who reviewed your manuscript are included at the foot of this letter.

You can expect to receive a proof of your article in the near future. Please contact the editorial office (openscience_proofs@royalsociety.org and openscience@royalsociety.org) to let us know if you are likely to be away from e-mail contact -- if you are going to be away, please nominate a co-author (if available) to manage the proofing process, and ensure they are copied into your email to the journal.

Due to rapid publication and an extremely tight schedule, if comments are not received, your paper may experience a delay in publication.
Thank you for your fine contribution. On behalf of the Editors of Royal Society Open Science, we look forward to your continued contributions to the Journal.

Kind regards,
Andrew Dunn
Senior Publishing Editor
Royal Society Open Science Editorial Office
Royal Society Open Science
openscience@royalsociety.org

on behalf of Professor Guy Genin (Associate Editor) and Dr Pietro Cicuta (Subject Editor).

Associate Editor Professor Guy Genin Comments to Author:

Associate Editor
Comments to the Author:
I enjoyed this well-written article about a very solid study and believe that the authors have done an excellent job of addressing previous critiques. My belief is that the article as it stands exceeds all standards for publication.

If the authors do have endurance for another round of suggestions, I have the following thought. Note that I do not consider this to be a requirement for my recommendation of publication. The authors have a very nice range of substrate compliances. This reviewer spent some time plotting out their data as a function of stiffness instead of on bar charts, and thought that the trends look really good. If the authors are inclined to do so, why not add in some graphs with modulus on the abscissa?

Great paper!

Follow Royal Society Publishing on Twitter: @RSocPublishing
Follow Royal Society Publishing on Facebook: https://www.facebook.com/RoyalSocietyPublishing.FanPage/
Read Royal Society Publishing's blog: https://blogs.royalsociety.org/publishing/