

# Stanford

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## Hala Shakib Dhowre

Postdoctoral Scholar, Ophthalmology

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Master of Science, University Of Aston In Birmingham (2013)
- Bachelor of Science, University Of Aston In Birmingham (2010)
- Doctor of Philosophy, University Of Nottingham (2018)
- Postdoctoral Researcher, Stanford University , Department of Ophthalmology, Stanford School of Medicine
- Postdoctoral Research Associate, University of Liverpool , Department of Eye and Vision Science & Department of Musculoskeletal Ageing Science, Institute of Life Course and Medical Sciences
- Postdoctoral Research Associate, University of Sheffield , Bioengineering & Health Technologies (BHT), School of Dentistry
- PhD, University of Nottingham , Pharmacy (2018)
- MSc, Aston University , Pharmacology (2013)
- BSc, Aston University , Biological Chemistry (2010)

#### STANFORD ADVISORS

- Albert Wu, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Corneal and Limbal Alkali Injury Induction Using a Punch-Trephine Technique in a Mouse Model.** *Journal of visualized experiments : JoVE* Shadmani, A., Dhowre, H. S., Ercal, O., Meng, X. Q., Wu, A. Y. 2023
- **Cell-controlled dynamic surfaces for skeletal stem cell growth and differentiation.** *Scientific reports* Anderson, H. J., Sahoo, J. K., Wells, J., van Nuffel, S., Dhowre, H. S., Oreffo, R. O., Zelzer, M., Ulijn, R. V., Dalby, M. J. 2022; 12 (1): 8165
- **Biofabrication of Artificial Stem Cell Niches in the Anterior Ocular Segment** *BIOENGINEERING-BASEL* Hidalgo-Alvarez, V., Dhowre, H. S., Kingston, O. A., Sheridan, C. M., Levis, H. J. 2021; 8 (10)
- **Tuning Electrospun Substrate Stiffness for the Fabrication of a Biomimetic Amniotic Membrane Substitute for Corneal Healing** *ACS APPLIED BIO MATERIALS* Paterson, T. E., Dhowre, H. S., Villanueva, D., Holland, J. W., Kethiri, A., Singh, V., Claeysens, F., MacNeil, S., Asencio, I.

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● **Responsive cell-material interfaces** *NANOMEDICINE*

Dhowre, H. S., Rajput, S., Russell, N. A., Zelzer, M.

2015; 10 (5): 849-871