


# Stanford

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## Mahla Poudineh

Postdoctoral Research Fellow, Radiology

 Curriculum Vitae available Online

### Bio

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#### BIO

Mahla Poudineh received her B.Sc. and M.Sc. in Electrical Engineering, both from the University of Tehran, Iran in 2010 and 2012, respectively. She then completed a Ph.D. degree in Electrical Engineering (with Biomedical Engineering focus) at the University of Toronto in 2016. Before joining Stanford as a postdoctoral fellow, she completed a one-year postdoctoral training at the University of Toronto, Department of Pharmaceutical Science. Her research interests include design and implementation of micro- and nano-fabrication techniques for biomedical engineering applications such as phenotypic profiling of rare cancer cells and real-time monitoring for infectious disease diagnosis.

#### PROFESSIONAL EDUCATION

- Ph.D., University of Toronto , Electrical Engineering (2016)
- M.Sc., University of Tehran , Electrical Engineering (2012)
- B.Sc., University of Tehran , Electrical Engineering (2010)

### Publications

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#### PUBLICATIONS

- **Three-Dimensional Nanostructured Architectures Enable Efficient Neural Differentiation of Mesenchymal Stem Cells via Mechanotransduction** *NANO LETTERS*  
Poudineh, M., Wang, Z., Labib, M., Ahmadi, M., Zhang, L., Das, J., Ahmed, S., Angers, S., Kelley, S. O.  
2018; 18 (11): 7188–93