



## Maryam Yousefi

Postdoctoral Research Fellow, Genetics

 NIH Biosketch available Online

### Bio

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#### HONORS AND AWARDS

- Howard Hughes Medical Institute International Student Fellowship, Howard Hughes Medical Institute (HHMI) (09/2013- 09/2016)

#### PROFESSIONAL EDUCATION

- Bachelor of Science, University Of Tehran (2009)
- Master of Science, University Of Tehran (2011)
- Doctor of Philosophy, University of Pennsylvania (2017)

### Research & Scholarship

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#### LAB AFFILIATIONS

- Monte Winslow (9/22/2017)

### Publications

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#### PUBLICATIONS

- **CRISPR screens in cancer spheroids identify 3D growth-specific vulnerabilities** *NATURE*  
Han, K., Pierce, S. E., Li, A., Spees, K., Anderson, G. R., Seoane, J. A., Lo, Y., Dubreuil, M., Olivas, M., Kamber, R. A., Wainberg, M., Kostyrko, K., Kelly, et al  
2020
- **Hierarchy and Plasticity in the Intestinal Stem Cell Compartment.** *Trends in cell biology*  
Yousefi, M., Li, L., Lengner, C. J.  
2017; 27 (10): 753–64
- **Msi RNA-binding proteins control reserve intestinal stem cell quiescence** *JOURNAL OF CELL BIOLOGY*  
Yousefi, M., Li, N., Nakauka-Ddamba, A., Wang, S., Davidow, K., Schoenberger, J., Yu, Z., Jensen, S. T., Kharas, M. G., Lengner, C. J.  
2016; 215 (3): 401-413
- **Heterogeneity in Readouts of Canonical Wnt Pathway Activity Within Intestinal Crypts** *DEVELOPMENTAL DYNAMICS*  
Li, N., Yousefi, M., Nakauka-Ddamba, A., Tobias, J. W., Jensen, S. T., Morrisey, E. E., Lengner, C. J.  
2016; 245 (8): 822-833
- **The Msi Family of RNA-Binding Proteins Function Redundantly as Intestinal Oncoproteins** *CELL REPORTS*  
Li, N., Yousefi, M., Nakauka-Ddamba, A., Li, F., Vandivier, L., Parada, K., Woo, D., Wang, S., Naqvi, A. S., Rao, S., Tobias, J., Cedeno, R. J., Minuesa, et al  
2015; 13 (11): 2440-2455
- **Transformation of the intestinal epithelium by the MSI2 RNA-binding protein** *NATURE COMMUNICATIONS*  
Wang, S., Li, N., Yousefi, M., Nakauka-Ddamba, A., Li, F., Parada, K., Rao, S., Minuesa, G., Katz, Y., Gregory, B. D., Kharas, M. G., Yu, Z., Lengner, et al

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- **Single-Cell Analysis of Proxy Reporter Allele-Marked Epithelial Cells Establishes Intestinal Stem Cell Hierarchy** *STEM CELL REPORTS*  
Li, N., Yousefi, M., Nakauka-Ddamba, A., Jain, R., Tobias, J., Epstein, J. A., Jensen, S. T., Lengner, C. J.  
2014; 3 (5): 876-891
- **De Novo Formation of Insulin-Producing "Neo-beta Cell Islets" from Intestinal Crypts** *CELL REPORTS*  
Chen, Y., Finkbeiner, S. R., Weinblatt, D., Emmett, M. J., Tameire, F., Yousefi, M., Yang, C., Maehr, R., Zhou, Q., Shemer, R., Dor, Y., Li, C., Spence, et al  
2014; 6 (6): 1046-1058
- **Embryonic Stem Cell Interactomics: The Beginning of a Long Road to Biological Function** *STEM CELL REVIEWS AND REPORTS*  
Yousefi, M., Hajihoseini, V., Jung, W., Hosseinpour, B., Rassouli, H., Lee, B., Baharvand, H., Lee, K., Salekdeh, G. H.  
2012; 8 (4): 1138-1154
- **Protocol for expansion of undifferentiated human embryonic and pluripotent stem cells in suspension.** *Methods in molecular biology (Clifton, N.J.)*  
Baharvand, H., Larijani, M. R., Yousefi, M.  
2012; 873: 217-226
- **Long-Term Maintenance of Undifferentiated Human Embryonic and Induced Pluripotent Stem Cells in Suspension** *STEM CELLS AND DEVELOPMENT*  
Larijani, M. R., Seifinejad, A., Pournasr, B., Hajihoseini, V., Hassani, S., Totonchi, M., Yousefi, M., Shamsi, F., Salekdeh, G. H., Baharvand, H.  
2011; 20 (11): 1911-1923