

Stanford



Ewa Bielczyk Maczynska

Postdoctoral Research Fellow, Cardiovascular Medicine

Bio

HONORS AND AWARDS

- Mansour Travel Award, Department of Chemical and Systems Biology, Stanford University (2019)
- Travel Fellowship, Helena Anna Henzl-Gabor Young Women in Science Fund for Postdoctoral Scholars (2018)
- Postdoctoral Fellowship, American Heart Association (7/1/2018 - 6/30/2020)
- Seed Grant Award, Stanford Center for Systems Biology (10/2017-09/2018)
- Dean's Postdoctoral Fellowship, Stanford University (07/2016-06/2017)

PROFESSIONAL EDUCATION

- PhD, University of Cambridge , Haematology (2016)
- MSc, University of Warsaw , Cell Biology (2011)
- BSc, University of Warsaw , Biology (2009)

STANFORD ADVISORS

- Joshua Knowles, Postdoctoral Research Mentor
- Joshua Knowles, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar: <https://scholar.google.com/citations?user=zUF6lWoAAAAJ&hl=en>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

regulation of adipocyte differentiation, fibrosis, TGF-beta signaling

Publications

PUBLICATIONS

- **TGF-beta is insufficient to induce adipocyte state loss without concurrent PPARgamma downregulation.** *Scientific reports*
Taylor, B., Shah, A., Bielczyk-Maczynska, E.
2020; 10 (1): 14084
- **White Adipocyte Plasticity in Physiology and Disease.** *Cells*
Bielczyk-Maczynska, E. n.
2019; 8 (12)

- **Loss of the homologous recombination gene rad51 leads to Fanconi anemia-like symptoms in zebrafish.** *Proceedings of the National Academy of Sciences of the United States of America*
Botthof, J. G., Bielczyk-Maczy#ska, E. n., Ferreira, L. n., Cvejic, A. n.
2017; 114 (22): E4452–E4461
- **The Ribosome Biogenesis Protein Nol9 Is Essential for Definitive Hematopoiesis and Pancreas Morphogenesis in Zebrafish** *PLOS GENETICS*
Bielczyk-Maczynska, E., Hung, L. L., Ferreira, L., Fleischmann, T., Weis, F., Fernandez-Pevida, A., Harvey, S. A., Wali, N., Warren, A. J., Barroso, I., Stemple, D. L., Cvejic, A.
2015; 11 (12)
- **Transcriptional diversity during lineage commitment of human blood progenitors** *SCIENCE*
Chen, L., Kostadima, M., Martens, J. H., Canu, G., Garcia, S. P., Turro, E., Downes, K., Macaulay, I. C., Bielczyk-Maczynska, E., Coe, S., Farrow, S., Poudel, P., Burden, et al
2014; 345 (6204): 1580-?
- **A Loss of Function Screen of Identified Genome-Wide Association Study Loci Reveals New Genes Controlling Hematopoiesis** *PLOS GENETICS*
Bielczyk-Maczynska, E., Serbanovic-Canic, J., Ferreira, L., Soranzo, N., Stemple, D. L., Ouwehand, W. H., Cvejic, A.
2014; 10 (7)
- **SMIM1 underlies the Vel blood group and influences red blood cell traits** *NATURE GENETICS*
Cvejic, A., Haer-Wigman, L., Stephens, J. C., Kostadima, M., Smethurst, P. A., Frontini, M., Van den Akker, E., Bertone, P., Bielczyk-Maczynska, E., Farrow, S., Fehrmann, R. S., Gray, A., de Haas, et al
2013; 45 (5): 542-U115