Stanford

Ewa Bielczyk Maczynska

Bio

INSTITUTE AFFILIATIONS

- Member (Staff), Cardiovascular Institute

LINKS

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

Publications

PUBLICATIONS

- **Single-cell transcriptome dataset of human and mouse in vitro adipogenesis models.** *Scientific data*
  Li, J., Jin, C., Gustafsson, S., Rao, A., Wabitsch, M., Park, C. Y., Quertermous, T., Knowles, J. W., Bielczyk-Maczynska, E.
  2023; 10 (1): 387
- **Single-cell transcriptome dataset of human and mouse in vitro adipogenesis models.** *bioRxiv : the preprint server for biology*
  Li, J., Jin, C., Gustafsson, S., Rao, A., Wabitsch, M., Park, C. Y., Quertermous, T., Bielczyk-Maczynska, E., Knowles, J. W.
  2023
- **G protein-coupled receptor 151 regulates glucose metabolism and hepatic gluconeogenesis** *Nature Communications*
  Bielczyk-Maczynska, E., Zhao, M., Zushin, P. H., Schnurr, T. M., Kim, H., Li, J., Sangwung, P., Nallagatla, P., Park, C., Cornn, C., Stahl, A., Svensson, K. J., Knowles, et al
  2022
- **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)
- **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)
- **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)
- **A single-cell CRISPRi platform for characterizing candidate genes relevant to metabolic disorders in human adipocytes.** *American journal of physiology. Cell physiology*
  Bielczyk-Maczynska, E., Sharma, D., Blencowe, M., Saliba Gustafsson, P., Gloudemans, M. J., Yang, X., Carcamo-Orive, I., Wabitsch, M., Svensson, K. J., Park, C. Y., Quertermous, T., Knowles, J. W., Li, et al
  2023

- **Flattening of circadian glucocorticoid oscillations drives acute hyperinsulinemia and adipocyte hypertrophy.** *Cell reports*
  Tholen, S., Patel, R., Agas, A., Kovary, K. M., Rabiee, A., Nicholls, H. T., Bielczyk-Maczyńska, E., Yang, W., Kraemer, F. B., Teruel, M. N.
  2022; 39 (13): 111018
- **Phosphoproteomic mapping reveals distinct signaling actions and activation of muscle protein synthesis by Isthmin-1** *eLife*
  Zhao, M., Banhos Danneskiold-Samsøe, N., Ulicna, L., Nguyen, Q., Voilquin, L., Lee, D. E., White, J. P., Jiang, Z., Cuthbert, N., Paramasivam, S., Bielczyk-Maczynska, E., van Rechem, C., Svensson, et al
  2022
- **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-Maczyńska, E. n., Ferreira, L. n., Cvejic, A. n.
  2017; 114 (22): E4452–E4461
- **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-?
- **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