Stanford

# Agata Sekrecka

Postdoctoral Scholar, Hematology

## Bio

### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Adam Mickiewicz University in Poznan, Poland , Biological sciences, Biotechnology (2022)
- Master of Science, Pomeranian Medical University in Szczecin, Poland , Medical biotechnology (2014)
- Bachelor of Science, Pomeranian Medical University in Szczecin, Poland , Medical biotechnology (2012)

### STANFORD ADVISORS

- Sydney Lu, Postdoctoral Faculty Sponsor

## Research & Scholarship

### LAB AFFILIATIONS

- Sydney Lu, Lu Lab (1/10/2023)

## Publications

### PUBLICATIONS

- **Oncogenic SF3B1 mutations alter the splicing of mRNA noncoding regions to induce a novel therapeutic vulnerability.** *Blood*
  Sekrecki, M., Sekrecka, A., Lattupally, R. R., Le, K., Jin, X., Mozes, C., Dwyer, B. G., Zhuang, Z., Romero, B. A., Pineda, J. M., Cao, X., Nguyen, L., Chen, et al
  2026

- **Novel therapeutics for SF3B1 mutant cancers which exploit the missplicing of DCAF16**
  Sekrecki, M., Sekrecka, A., Lattupally, R., Le, K., Cao, X., Chen, V., Zhuang, Z., Dwyer, B., Zhou, C., Tiwari, C., Gabel, A., Kim, W., Stanley, et al
  ELSEVIER.2025: 1474-1475

- **Time-dependent recruitment of GAF, ISGF3 and IRF1 complexes shapes IFNalpha and IFNgamma-activated transcriptional responses and explains mechanistic and functional overlap.** *Cellular and molecular life sciences : CMLS*
  Sekrecka, A., Kluzek, K., Sekrecki, M., Boroujeni, M. E., Hassani, S., Yamauchi, S., Sada, K., Wesoly, J., Bluyssen, H. A.
  2023; 80 (7): 187

- **Dysregulated Interferon Response and Immune Hyperactivation in Severe COVID-19: Targeting STATs as a Novel Therapeutic Strategy** *FRONTIERS IN IMMUNOLOGY*
  Eskandarian Boroujeni, M., Sekrecka, A., Antonczyk, A., Hassani, S., Sekrecki, M., Nowicka, H., Lopacinska, N., Olya, A., Kluzek, K., Wesoly, J., Bluyssen, H. A. R.
  2022; 13: 888897

- **Direct Inhibition of IRF-Dependent Transcriptional Regulatory Mechanisms Associated With Disease** *FRONTIERS IN IMMUNOLOGY*
  Antonczyk, A., Krist, B., Sajek, M., Michalska, A., Piaszyk-Borychowska, A., Plens-Galaska, M., Wesoly, J., Bluyssen, H. A. R.
  2019; 10: 1176

- **A Positive Feedback Amplifier Circuit That Regulates Interferon (IFN)-Stimulated Gene Expression and Controls Type I and type II IFN Responses** *FRONTIERS IN IMMUNOLOGY*
  Michalska, A., Blaszczyk, K., Wesoly, J., Bluyssen, H. A. R.
  2018; 9: 1135