Stanford



# Shady Saad

Basic Life Research Scientist, Chemical and Systems Biology Operations

## Bio

### ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Chemical and Systems Biology Operations

### HONORS AND AWARDS

- Spectrum, Stanford University
- SPARK pilot grant, Bio-X, Stanford University & Weston Havens Foundation
- Long-Term Fellowship, Human Frontier Science program (HFSP)
- Early postdoc mobility Fellowship, Swiss National Science Foundation (SNF)

## Publications

### PUBLICATIONS

- **DNA binding and mitotic phosphorylation protect polyglutamine proteins from assembly formation.** *Cell*
  Saad, S., Swigut, T., Tabatabaee, S., Lalgudi, P., Jarosz, D. F., Wysocka, J.
  2025

- **Reversible amyloids of pyruvate kinase couple cell metabolism and stress granule disassembly.** *Nature cell biology*
  Cereghetti, G., Wilson-Zbinden, C., Kissling, V. M., Diether, M., Arm, A., Yoo, H., Piazza, I., Saad, S., Picotti, P., Drummond, D. A., Sauer, U., Dechant, R., Peter, et al
  2021

- **Protein self-assembly: A new frontier in cell signaling.** *Current opinion in cell biology*
  Saad, S., Jarosz, D. F.
  2021; 69: 62–69

- **Author Correction: Reversible amyloids of pyruvate kinase couple cell metabolism and stress granule disassembly.** *Nature cell biology*
  Cereghetti, G., Wilson-Zbinden, C., Kissling, V. M., Diether, M., Arm, A., Yoo, H., Piazza, I., Saad, S., Picotti, P., Drummond, D. A., Sauer, U., Dechant, R., Peter, et al
  2021

- **A hydrophobic low-complexity region regulates aggregation of the yeast pyruvate kinase Cdc19 into amyloid-like aggregates in vitro** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Grignaschi, E., Cereghetti, G., Grigolato, F., Kopp, M. R. G., Caimi, S., Faltova, L., Saad, S., Peter, M., Arosio, P.
  2018; 293 (29): 11424–32

- **Reversible, functional amyloids: towards an understanding of their regulation in yeast and humans.** *Cell cycle (Georgetown, Tex.)*
  Cereghetti, G. n., Saad, S. n., Dechant, R. n., Peter, M. n.
  2018: 1–14

- **Reversible protein aggregation is a protective mechanism to ensure cell cycle restart after stress** *NATURE CELL BIOLOGY*
  Saad, S., Cereghetti, G., Feng, Y., Picotti, P., Peter, M., Dechant, R.
  2017; 19 (10): 1202-+
- **Therapy-relevant aberrant expression of MRP3 and BCRP mRNA in TCC-/SCC-bladder cancer tissue of untreated patients** *ONCOLOGY REPORTS*
  Rady, M., Mostageer, M., Rohde, J., Zaghloul, A., Knuechel-Clarke, R., Saad, S., Attia, D., Mahran, L., Spahn-Langguth, H.
  2017; 38 (1): 551–60
- **Non-targeted metabolomic approach reveals two distinct types of metabolic responses to telomerase dysfunction in S. cerevisiae** *METABOLOMICS*
  Buettner, F., Jay, K., Wischnewski, H., Stadelmann, T., Saad, S., Jefimovs, K., Mansurova, M., Gerez, J., Azzalin, C. M., Dechant, R., Ibanez, A. J.
  2017; 13 (5)
- **Cytosolic pH Regulates Cell Growth through Distinct GTPases, Arf1 and Gtr1, to Promote Ras/PKA and TORC1 Activity** *MOLECULAR CELL*
  Dechant, R., Saad, S., Ibanez, A. J., Peter, M.
  2014; 55 (3): 409–21
- **In Scarcity and Abundance: Metabolic Signals Regulating Cell Growth** *PHYSIOLOGY*
  Saad, S., Peter, M., Dechant, R.
  2013; 28 (5): 298–309