

Stanford



Shady Saad

Postdoctoral Scholar, Chemical and Systems Biology

Bio

HONORS AND AWARDS

- Long-Term Fellowship, Human Frontier Science program (HFSP)
- Early postdoc mobility Fellowship, Swiss National Science Foundation (SNF)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Eidgenossische Technische Hochschule (ETH Zurich) (2016)
- Master of Science, German University Cairo (2009)
- Bachelor of Science, Cairo University (2006)

STANFORD ADVISORS

- Daniel Jarosz, Postdoctoral Faculty Sponsor
- Joanna Wysocka, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **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. 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., Zaghoul, 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., Wischniewski, 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