

# Stanford

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## Shady Saad

Postdoctoral Research Fellow, Chemical and Systems Biology

### Bio

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#### HONORS AND AWARDS

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

#### PROFESSIONAL EDUCATION

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

### Publications

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#### PUBLICATIONS

- **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., Saad, S., Dechant, R., Peter, M.  
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