



Rama Reddy Goluguri

Postdoctoral Scholar, Biochemistry

 NIH Biosketch available Online

Bio

HONORS AND AWARDS

- American Heart Association Postdoctoral Fellowship, American Heart Association (Jan 2023-Dec 2024)
- Best Poster Award, UC chemical symposium (2021)
- Rapid-fire talk in biological fluorescence subgroup, Biophysical Society (Feb 2022)
- Pingali Mohan Reddy medal for Best Overall Performance in School of Life Sciences, University of Hyderabad (2006-2008)
- Prof. A. N. Radhakrishnan Memorial Medal, for best performance in Biochemistry department, University of Hyderabad (2006-2008)
- Achievers Award Scholar ship, University of Hyderabad (2006-2008)
- Stellar Performance Award, Dr.Reddy's Laboratories, Hyderabad (2010)

STANFORD ADVISORS

- James Spudich, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Transcriptional factors control their diffusion on DNA by modulating their dynamics**
Goluguri, R., Sadqi, M., Munoz, V.
CELL PRESS.2022: 457A
- **Microsecond sub-domain motions and the folding and misfolding of the mouse prion protein** *ELIFE*
Goluguri, R., Sen, S., Udgaonkar, J.
2019; 8
- **Ruggedness in the Free Energy Landscape Dictates Misfolding of the Prion Protein** *JOURNAL OF MOLECULAR BIOLOGY*
Moulick, R., Goluguri, R., Udgaonkar, J. B.
2019; 431 (4): 807-824
- **A Dry Transition State More Compact Than the Native State Is Stabilized by Non-Native Interactions during the Unfolding of a Small Protein** *BIOCHEMISTRY*
Sen, S., Goluguri, R., Udgaonkar, J. B.
2017; 56 (29): 3699-3703
- **Microsecond Rearrangements of Hydrophobic Clusters in an Initially Collapsed Globule Prime Structure Formation during the Folding of a Small Protein** *JOURNAL OF MOLECULAR BIOLOGY*
Goluguri, R., Udgaonkar, J. B.
2016; 428 (15): 3102-3117

- **Rise of the Helix from a Collapsed Globule during the Folding of Monellin** *BIOCHEMISTRY*

Goluguri, R., Udgaonkar, J. B.

2015; 54 (34): 5356-5365