

Stanford



Rohini Datta

Postdoctoral Scholar, Genetics

Bio

HONORS AND AWARDS

- TRDRP Postdoctoral Fellowship Award, University of California, Office of the President (2022)
- School of Medicine Dean's Postdoctoral Fellowship, Stanford University (Jan - Dec 2021)
- Inaugural Stanford Postdoc JEDI Champion Award, The Office of Postdoctoral Affairs, Stanford (September, 2021)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Indian Institute of Science (2019)
- Master of Science, Jawaharlal Nehru University (2013)
- Bachelor of Science, St. Xavier's College, University of Calcutta (2011)

STANFORD ADVISORS

- Jin Li, Postdoctoral Faculty Sponsor

PATENTS

- Varadarajan R, Najar TA, Datta R. "United States Patent 11,221,339 Mapping protein binding sites and conformational epitopes using cysteine labelling and surface display library.", Indian Institute of Science, Jan 11, 2022

LINKS

- ORCID: <https://orcid.org/0000-0003-2693-1922>
- Publons: <https://publons.com/researcher/3967779/rohini-datta/>
- Google Scholar: <https://scholar.google.com/citations?user=RBL3LpQAAAAJ&hl=en>

Publications

PUBLICATIONS

- **A facile method of mapping HIV-1 neutralizing epitopes using chemically masked cysteines and deep sequencing** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Datta, R., Chowdhury, R., Manjunath, K., Hanna, L., Varadarajan, R.
2020; 117 (47): 29584–94
- **Probing the Structure of the HIV-1 Envelope Trimer Using Aspartate Scanning Mutagenesis** *JOURNAL OF VIROLOGY*
Das, R., Datta, R., Varadarajan, R.
2020; 94 (21)
- **Glycosylation of the core of the HIV-1 envelope subunit protein gp120 is not required for native trimer formation or viral infectivity** *JOURNAL OF BIOLOGICAL CHEMISTRY*

Rathore, U., Saha, P., Kesavardhana, S., Kumar, A., Datta, R., Devanarayanan, S., Das, R., Mascola, J. R., Varadarajan, R.

2017; 292 (24): 10197–219

- **Structure-based Design of Cyclically Permuted HIV-1 gp120 Trimers That Elicit Neutralizing Antibodies** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Kesavardhana, S., Das, R., Citron, M., Datta, R., Ecto, L., Srilatha, N., DiStefano, D., Swoyer, R., Joyce, J. G., Dutta, S., LaBranche, C. C., Montefiori, D. C., Flynn, et al
2017; 292 (1): 278–91
- **Molecular identification of a common bacterial pathogen reducing shelf life of *Agaricus bisporus* and its prevention** *J. Mycopathol. Res.*
Datta, R., Ghosh, A., Sengupta, D., Ghosh, M., Mal, A., Dey, S., Mitra, A.
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