

PROFILE

Name: Dr. S. JENCY
Department: BIOTECHNOLOGY
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Educational Qualification: M.Tech Ph.D

S.No.	Degree	Subject/Main	Name of the College/University
1	B.Tech	Biotechnology	School of Engineering & Technology, Bharathidasan University, Trichy
2	M.Tech	Bioinformatics	SASTRA University, Tanjore
3	Ph.D	Bioinformatics	Karunya University, Coimbatore

Teaching & Research Accomplishments

Work experience – 6 years teaching ; 6 years – administration.

1.Research Article Published (National & International) : 08

- Dr. E. Rajasekaran, **S.Jency** & Dr.K.Panneerselvam, (2011) ” Carbon profile of commercially important sericin proteins of silkworm, *Bombyx Mori*”, Journal of Advanced Bioinformatics Applications and Research, 2(3), 173 – 176.
- Thejitha P., **Jency S.**,(2012) ” Study of Pathogenesis of Alzheimer’s disease - an *In silico* Approach”, Indian Journal of Natural Sciences,3(15),1-12.
- Shruthika Ravel, A. and **Jency, S.**, (2013) “QSAR and Docking Studies on Phytocompounds as Lead Molecule against Alzheimer’s Disease, International Journal of Current Research, 5(5), 198-1201.
- **S. Jency**, D.Jeya Sundara Sharmila & M.Patrick Gomez, (2013), “Docking Studies of Flavonoid and its derivatives with Cancer Target Protein”, Indian Journal of Natural Sciences, 3(17),1302-1306.
- **S. Jency**, D.Jeya Sundara Sharmila & M.Patrick Gomez, (2013), “Phytochemical screening, functional group and elemental analysis of *Crossandra infundibuliformis* (L) flower extract”, Indian Journal of Natural Sciences,4(21),1442-1447.
- **S. Jency**, D.J. Sharmila, G. Patrick, L. Emmanuel, V. Viswanathan and D. Velmurugan. (2014). Isolation, purification, crystal structure determination of 1, 3-Benzoxazol-2(3H)-one from *Crossandra*

infundibuliformis flower extract and antimicrobial evaluation. Asian Journal of Phytomedicine and Clinical Research. 2(4):210–220.

- **Jency Sam and Jeya Sundara Sharmila. (2015).** Hptlc profiling of flavonoids and glycosides in the flowers of *Crossandra infundibuliformis* (L.) Nees. International Journal of Pharma and Bio Sciences, 6(2): (B) 1408- 1416.
- **Jency Sam and Jeya Sundara Sharmila. (2015).** Molecular docking of benzoxazolone and its derivatives against *Staphylococcus aureus* biotin protein ligase. International Journal of Pharmaceutical Sciences Review and Research, Int. J. Pharm. Sci. Rev. Res., 32(1), 72-76.

2. Research Grants

- Principal Investigator- Karunya Short Term Grant for the project entitled “**Isolation and characterization of *cassia auriculata* leaf extract**”, sum of Rs.40,000 sanctioned on Jan 2011.

3. Conferences / Seminar/ Workshop/FDP attended – Academic & General

Name of Conference	Place	Date
International Conference on Bioinformatics and Systems Biology	Zoology wing-DDE, Annamalai University, Chithambaram.	16-18 Feb 2012
National Conference on Current scenario in microbial biotechnology	Department of Biotechnology, K.S.R College of Technology, Erode.	10-11 March 2010
Regional Science Congress on Science for shaping the future of India	Kongu Nadu Arts and Science College, Coimbatore.	15-16 Dec 2012
DBT sponsored National Conference on Agricultural Biotechnologies for Sustainable food security	Tamilnadu Scientific Research Organization, Pudukkottai.	22-24 March 2013
UGC sponsored National Conference on Role of Biotechnology in conservation of Biodiversity	KonguNadu Arts and Science College, Coimbatore.	9 & 10 April 2013
Five days hands on FDP on Computer aided drug design & Systems Biology	Department of Biotechnology & Bioinformatics, Holy Cross College, Trichy	18-22 Dec 2023