

PROFILE

Name : Dr.P.Vijayalakshmi
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Department : BIOTECHNOLOGY&BIOINFORMATICS
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S. No.	Degree / Diploma	Subject / Main	Name of the College / University
1.	U.G.	ZOOLOGY	Holy Cross College (Autonomous), Trichy.
2.	P. G.	BIOINFORMATICS	Holy Cross College (Autonomous), Trichy
4.	Ph. D:	BIOTECHNOLOGY	Holy Cross College (Autonomous), Trichy

Aided Management Shift I Shift II

Teaching Experience at Holy Cross College: 2 Years

Publication:

Total number of Publication: 59
Total citation : 1220
H-Index : 13
i10 Index : 13

Recent Publication - 2024

1. Asokan Madeshwaran, **Periyasamy Vijayalakshmi**, Vidhya Rekha Umapathy, Rajeshkumar Shanmugam, Chandrabose Selvaraj (2024). Unlocking estrogen receptor: Structural insights into agonists and antagonists for glioblastoma therapy. *Advances in Protein Chemistry and Advances in Structural Biology*. <https://doi.org/10.1016/bs.apcsb.2024.06.001>. **IF-5.4**
2. Selvaraj U, Ganapathy S, Muthuvel A, Alex AM, Masood Khan J, **Vijayalakshmi P**. Evaluation of the toxicological properties of Himantura imbricata Venom using a zebrafish model (Danio rerio). *Toxicon*. 2024 May 28;243:107739 (**Corresponding author**). **IF-3.03**
3. Chandrabose Selvaraj, **Periyasamy Vijayalakshmi**, Asha Monica Alex, Abdulaziz. Alothaim, Rajendran Vijayakumar, Vidhya Rekha Umapathy (2024) Metalloproteins structural and functional insights into immunological patterns. *Advances in Protein Chemistry and Advances in Structural Biology*. (<https://doi.org/10.1016/bs.apcsb.2024.03.009>). **IF-5.4**
4. Umapathy VR, Dhanavel A, Kesavan R, Natarajan PM, S B, **P Vijayalakshmi**. Anticancer Potential of the Principal Constituent of Piper nigrum, Piperine: A Comprehensive Review. *Cureus*. 2024 Feb 18;16(2):e54425. doi: 10.7759/cureus. (**IF-1.2**).
5. M Gowdham, **P Vijayalakshmi** (2024). Genomics an assets of precision medicine in oral oncology. *Oral Oncology Reports* 10, 100474. (**Corresponding author**).
6. G Manivel, **V Periyasamy** (2024). EXPLORING THE ENIGMATIC INFLUENCE OF mir-155 IN ORAL SQUAMOUS CELL CARCINOMA: AN ODYSSEY FROM MOLECULAR MANEUVERS TO THERAPEUTIC PROSPECTS. *Oral Oncology Reports*, 100521. (**Corresponding author**).

Book Published:01

Dr. P. Vijayalakshmi, Dr. A. Ludas, Dr. P. Dhanalakshmi, Dr. C. Sudha. Code and cells: The synergy of Biotechnology and Bioinformatics. Scientific international publishing home. ISBN 9789361320156

Sequence Submitted in NCBI

S.NO	Organism Name	Accession number
1	<i>Klebsiella Pneumoniae</i>	PP378521
2	<i>Acinetobacter Schindleri</i>	PP378527
3	<i>Bacillus subtilus</i>	OQ572484
4	<i>Escherichia coli</i>	OQ572483
5	<i>Pseudomonas aeruginosa</i>	OQ572484

