

Name and Qualification: Dr. Udhaya Lavinya B. M.Sc., Ph.D.

Designation with Address of the Institution:

Assistant Professor

Department of Biomedical Sciences

Faculty of Biomedical Sciences and Technology

Sri Ramachandra Institute of Higher Education and Research (D.U.)

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Education:

Institution and Location	Degree (UG/PG/PhD)	Year Conferred	Field of Specialization
Vellore Institute of Technology, Vellore	Ph. D	2020	Biotechnology
Vellore Institute of Technology, Vellore	M.Sc.	2014	Biomedical Genetics
Christian Medical College, Vellore	B.Sc.	2007	Medical Laboratory Technology

Teaching & Research Experience:

Institute	From	To	Designation
Department of Biomedical Sciences, Sri Ramachandra Institute of Higher Education Technology and Research (DU)	27th Sep, 2021	Till date	Assistant Professor
D.K.M. College for Women (Autonomous), Vellore	Jul, 2021	23 rd Sep, 2021	Assistant Professor
Vellore Institute of Technology, Vellore	Jul, 2017	Apr, 2018	Assistant Professor (Jr.)
Vellore Institute of Technology, Vellore	Oct, 2014	Jun, 2017	Research Associate
Scudder Memorial Hospital, Ranipet	Jan, 2009	Aug, 2011	Tutor & Med. Lab. Technologist

Research Interests:

- ❖ Hepatotoxicity
- ❖ Phytochemical screening
- ❖ Animal Biotechnology (Rat model)
- ❖ Molecular docking analysis

Research projects conducted:

NIL

Patents filled & approved:

NIL

Ph.D Research guidance:

Not applicable

M.Phil Research guidance:

Not applicable

Post graduate Project Guidance:

NIL

Under Graduate Project Guidance:

NIL

Conferences/Workshops/Seminars Organized:

NIL

Conference presentations (Oral and Poster):

S.No.	Name of the Author(s)	Title of papers presented	Name of Conference/Seminars, etc.,	National/International (specify)	Place	Year /Date
1.	Udhaya Lavinya B. & Dr. Evan Prince Sabina	Suppression of antitubercular drug-induced hepatic injury in rats: A study of the nutraceutical, synthetic coenzyme Q10 as a hepatoprotectan	Food as Medicine: A Modern Perspective 2016	National	VELS University, Chennai	2016
2	Udhaya Lavinya B. & Dr. Evan Prince Sabina	Isoniazid and rifampicin-induced hepatic injury in rats: The role of antioxidant defence system and protective effects of coenzyme Q10	National conference on Molecular Basis of Human Diseases- Biofocus 2015	National	Bharathi Women's College, Chennai	2015
3	Udhaya	Poster - Elevation of	National conference	National	VIT,	2013

	Lavinya B. & Dr. Evan Prince Sabina	hepatotoxic effects of bromobenzene by the Indian traditional herbal formulation Triphala in experimental rats	on challenges in biomaterials research		Vellore	
4	Udhaya Lavinya B. & Dr. Evan Prince Sabina	Poster - Mitigation of biochemical and histological effects of bromobenzene on the hepatic system in rats by the Indian herbal drug formulation Triphala	International conference on emerging trends in chemical sciences	International	VIT, Vellore	2013

Academic and/or Research awards:

Research Award (Vellore Institute of Technology) for 3 consecutive years 2015, 2016 and 2017

Publications (Journals):

S.No.	Name of Author(s)/Department	Title of publication in full	National / International (specify)	Title of Journal	Specify Indexed/ Accredited/Others	Year of Journal	Volume No.	Pages From-To
1	Jerine S. Peter, Shalini M, Giridharan R, Kadar S. Basha, Udhaya B. Lavinya , Sabina Evan Prince	Administration of coenzyme Q10 to a diabetic rat model: changes in biochemical, antioxidant, and histopathological indicators	International	International Journal of Diabetes in Developing Countries	TR indexed	2020	40(1)	143-152
2	Sabina Evan Prince, Sherry Joseph Martin, B. Udhaya Lavinya , Kavitha Selvanathan, A. Geetha	Anti-Tuberculosis Drug-Induced Oxidative Stress in Kidneys: Role of Brahmi as an Antioxidant Supplement	International	Pharmacognosy Magazine	TR indexed	2019	15(62)	512-516
3	Jerine Peter S, Praveena Lakshmi Chaitanya Laxmi. B, Udhaya	Beneficial activity of Brahmi gritha against diclofenac-	National	Research Journal of Biotechnology	Scopus indexed	2019	14(10)	117-124

	Lavinya B , Usha Kumari, Evan Prince Sabina	induced toxicity in Wistar albino rats: An <i>in-vivo</i> study						
4	JP Simon, UL Baskaran , KB Shallauddin, G Ramalingam, SE Prince	Evidence of antidiabetic activity of <i>Spirulina fusiformis</i> against streptozotocin-induced diabetic Wistar albino rats	International	3-Biotech	TR indexed	2018	8	129
5	Udhaya Lavinya B. , Sangeetha N., Manisha P., Ramkumar K., Kavitha M., Evan Prince Sabina	Virtual screening of Peptidyl Arginine Deiminase Type 4 inhibiting potential of chosen flavonoids	National	Research Journal of Pharmacy and Technology	Scopus-indexed	2018	11(2)	735-757
6	Udhaya Lavinya Baskaran , Evan Prince Sabina	Clinical and experimental research in antituberculosis drug-induced hepatotoxicity: a review	International	Journal of Integrative Medicine	TR indexed	2017	15(1)	27-36
7	Jerine Peter S., Kadar Basha S., Giridharan R., Udhaya Lavinya B. , Evan Prince Sabina	Suppressive effect of <i>Spirulina fusiformis</i> on diclofenac induced hepatorenal injury and gastrointestinal ulcer in Wistar albino rats: A biochemical and histological approach	International	Biomedicine and Pharmacotherapy	TR indexed	2017	88	11-18
8	Sabina Evan Prince, Lavinya B. Udhaya , Priyadharshini S.	Reparation of isoniazid and rifampicin combinatorial	International	Pharmacology	TR indexed	2016	98(1-2)	29-34

	Sunitha, Geetha Arumugam	therapy–induced hepatotoxic effects by <i>Bacopa monnieri</i>						
9	B. Udhaya Lavinya, I. Bardhan, S. Evan Prince	Efficacy of CoenzymeQ10 in inhibiting monosodium urate crystal-induced inflammation in rats	International	European Journal of Pharmacology	TR indexed	2016	791	589-594
10	Udhaya Lavinya B, Monisha Swaminathan, Yashodhara Bhattacharya, Shreni Tandon, Sabina Evan Prince	<i>In vivo</i> anti-hyperglycaemic potential of Brahmi gritham and docking studies of its active components against protein kinase C and CD38	International	Journal of Food Biochemistry	TR indexed	2015	39	642-652
11	Baskaran U.L., Sabina E.P	The food supplement coenzyme Q10 and suppression of antitubercular drug-induced hepatic injury in rats: the role of antioxidant defence system, anti-inflammatory cytokine IL-10.	International	Cell Biology and Toxicology	TR indexed	2015	31(4-5)	211-219
12	Udhaya Lavinya Baskaran, Sherry Joseph Martin Mahaboobkhan Rasool, Evan Prince Sabina	Protective role of Triphala, an Indian traditional herbal formulation against the nephrotoxic effects of bromobenzene	International	Journal of Integrative Medicine	TR indexed	2015	13(2)	115-121

		in Wistar albino rats						
13	Sherry Joseph Martin, Udhaya Lavinya Baskaran , Mahima Vedi, Sabina Evan Prince	Attenuation of anti-tuberculosis therapy induced hepatotoxicity by <i>Spirulina fusiformis</i> , a candidate food supplement	International	Toxicology mechanisms and methods	TR indexed	2014	24(8)	584-592
14	Udhaya Lavinya Baskaran , Mahaboobkhan Rasool, Evan Prince Sabina	Alleviation of the hepatotoxic effect of bromobenzene by the Indian traditional herbal formulation Triphala in experimental rats	International	Oriental Pharmacy and experimental medicine	TR indexed	2014	14	369-374

Publications (Books and Monographs):

NIL

Consultancy – UILIC- University Industry Linked Consultancy:

NIL

Membership in Professional bodies:

NIL

Membership in University Committees:

NIL