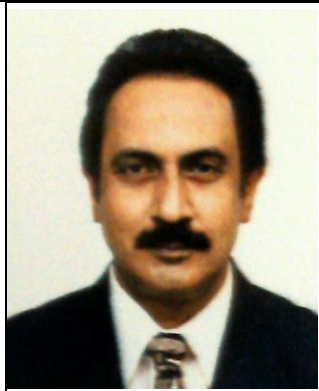


Name	Dr. ERNEST DAVID		
Designation	Professor & Head		
Mailing Address	Work Place: Professor and Head Department of Biotechnology Thiruvalluvar University Vellore-632115 India	Residence: #10;3 rd cross st. Ramsethnagar Thorapadi,(PO) Vellore-632002 India	
Academic Qualifications	<p>Doctoral: Completed Doctor of Philosophy - in 1984 from S.V.Univ.Tirupathi Title of thesis: Biochemical studies on denervation atrophied gastrocnemius muscle of frog <i>Rana hexadactyla</i> (Lesson) under the influence of <i>in vivo</i> electrical Stimulations.</p> <p>Pre Doctoral: Completed One year Pre-Doctoral degree- Master of Philosophy (skeletal muscle physiology/biochemistry), in 1982 from S.V.University Tirupathi, India</p> <p>Post graduation: Completed two years Master of Science (Zoology)with special eference to animal Physiology in 1979-1981 from University of Poona, Pune, India</p>		
Employee Number	TVU 107		
Contact Phone – Office	---		
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Teaching Experience: **27 Years** (Graduate level-23 Yrs. and Post Graduate level -27 Yrs.)

Research Experience: **28 Yrs.**

Research Area / Specialization(s): Physiology/Biochemistry

Programmes of Study	Completed	Ongoing
Ph.D	Guided - awarded 12 Ph.Ds	Guiding 06 scholars for Ph.D.
M.Phil	Guided -awarded 14 students	

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Research Guidance / Supervision: Physiology/Biochemistry/Nanotechnology

Research Papers Published: **60**

Funded Research Projects (Completed)

S.No	Agency	Period		Project Title	Budget (Rs.lakhs)
		From	To		
1.	UGC	2009	2012	A Study on Vitamins E & C antioxidant Status and effect during in vivo cigarette Smoke and Hyperglycemia Induced Oxidative Stress With Reference to Alveolar Macrophage Apoptosis	7.83
2.	UGC	2003	2006	A Study on the Oxidative Stress during De nervation Disuse Muscle Atrophy: Effect of Electrical Stimulation And Vitamin-E - Supplementation	7.54

Number of Seminars / Conferences / Workshops / Events attended: **25**

Number of Seminars / Conferences / Workshops / Events organized: **02**

Number of Invited / Special Lectures delivered : **15**

Achievements / Awards / Honours

- **YOUNG SCIENTIST** award from Tamilnadu State Council for Science & Technology for the year 1994.
- **Talented Biotechnologist** award from World Congress on Pharmaceutical Sciences & Chemical Technology, 2013, Colombo Sri Lanka.
- **India – Hungary** Educational Exchange award in 2012.

Membership in Professional / National / International Bodies:

- Member in Society for Free Radical Research in India.
- Member in Indian Society for Comparative Animal Physiologists
- Visiting Professor at S.V. University, and Govt. PG College for Women affiliated to S.V. University.

Additional Responsibilities:

- Member, Academic Council, Thiruvalluvar University, Vellore
- Director, Internal Quality Assurance Cell (IQAC) , Thiruvalluvar University, Vellore
- Monitor/in-charge, Swatchh Bharath Abhiyyan, Scheme in Thiruvalluvar University, Vellore.
- Member College Development Cell, Thiruvalluvar University, Vellore
- Member, Academic Council, C. Abdul Hakeem College (Autonomous),Melvisharam, Vellore (Dt.)
- Convener, Board of Studies, Biotechnology, Thiruvalluvar University, Vellore.
- Convener/Member in various inspection commissions of the Thiruvalluvar University for granting course affiliation, recognition of Ph.D. M.Phil. programmes in affiliated colleges.

Countries Visited: **USA, Shanghai- China, Singapore, Thailand, Budapest.**

Publications In Journals(Last Five Years):

1. N. Supraja, T.N.V.K.V. Prasad, **Ernest David**, (2015). Synthesis, characterization and antimicrobial activity of the micro/nano structural biogenic silver doped calcium phosphate. *Appl. Nanosci.* DOI 10.1007/s13204-015-0409-7.
2. N. Supraja, T.N.V.K.V. Prasad, T. Giridhar Krishna, **E. David**, (2015); Synthesis, characterization, and evaluation of the antimicrobial efficacy of *Boswellia ovalifoliolata* stem bark-extract-mediated zinc oxide nanoparticles. *Appl. Nanosci.* DOI 10.1007/s13204-015-0472-0
3. N. Supraja, T.N.V.K.V. Prasad, **E. David**, T. Giridhar Krishna, (2015). Antimicrobial kinetics of *Alstonia scholaris* bark extract mediated AgNPs. *Appl. Nanosci.* DOI 10.1007/s13204-015-0483x.
4. Supraja Nookala, Naga Venkata Krishna vara Prasad Tollamadugu, Giridhar Krishna Thimmavajjula, **David Ernest**, (2015). Effect of citrate coated silver nanoparticles on biofilm degradation in drinking water PVC pipelines. *Advances in nano Research.* 3 (2), 97-109.
5. Supraja, T.N.V.K.V. Prasad, **Ernest David**, (2015). Synthesis, characterization and antimicrobial activity of the micro/nano structural biogenic silver doped calcium phosphate. *Appl. Nanosci.* DOI 10.1007/s13204-015-0409-7.
6. P.Elumalai, EK.Elumalai, **E.David**, (2014). Fungi Associated with Deteriorations of Painted Wall Surfaces: Isolation and Identification. *European Journal of Academic Essays.* 1(3): 48-50.
7. S. Viviyana Therasa, T.Thirumalai, N.Tamilselvan, **E David**, (2014). In-vivo and ex-vivo inhibition of intestinal glucose uptake: A scope for antihyperglycemia. *Journal of Acute Disease.* 3(1): 36-40.

8. Thirumalai, Narayanaswamy Tamilselvan, **Ernest David**, (2014). Hypolipidemic activity of Piper betel in high fat diet induced hyperlipidemic rat. *Journal of Acute Disease*. 3(2): 131-135.
9. Narayanaswamy Tamilselvan, Thirunavukkarasu Thirumalai, Prabakar Shyamala, **Ernest David**, (2014). A review on some poisonous plants and their medicinal values. *Journal of Acute Disease*. 3(2): 85-89.
10. Narayanaswamy Tamilselvan, Jothi Hemachandran, Thirunavukkarasu Thirumalai, Chacko Vijai Sharma, Krishnan Kannabiran, **Ernest David**, (2013). Biosorption of heavy metals from aqueous solution by *Gracilaria corticata varcartecala* and *Grateloupia lithophila*. *Journal of Coastal Life Medicine*. 1(2): 102-107.
11. **Ernest David**, N. Supraja, R. Saranya, (2013). A Study on Chemical and Analysis of Bore Water from Some Communities in Tirupathi Rural Areas of Chittoor District, Andhra Pradesh, India. *International Journal of Pharmaceutical & Biological Archives*. 4(4): 659 – 662.
12. Munisami Hemalatha, Thirunavukkarasu Thirumalai, Rajamani Saranya, Erusan Kuppan Elumalai, **Ernest David**, (2013). A review on antimicrobial efficacy of some traditional medicinal plants in Tamilnadu. *Journal of Acute Disease*. 2(2): 99-105.
13. Rajamani Saranya, Thirunavukkarasu Thirumalai, Munisami Hemalatha, Ranganathan Balaji, **Ernest David**, (2013). Pharmacognosy of *Encostemma littorale*: A review. *Asian Pacific journal of Tropical Biomedicine*. 3(1):79-84. **[Source Normalized Impact per Paper (SNIP): 1.171]**
14. S.Chacko Vijai Sharma, **Ernest David**, (2012). A comparative study on selected marine actinomycetes from Pulicat, Muttukadu, and Ennore estuaries. *Asian Pacific Journal of Tropical Biomedicine*. 3(3):S1827-S1834. **[Source Normalized Impact per Paper (SNIP): 1.171]**
15. EK Elumalai, **E David**, J Hemachandran, (2012). Bacterial Contamination of Indian Currency Notes (Rupee). *The International Journal of Occupational and Environmental Medicine*. 3(4): 204-205.
16. Narayanaswamy Tamilselvan, **Ernest David**, (2012). Antimicrobial Activity of Sponges Endemic to Uchipully Coastal Line, Near Rameswaram, Tamilnadu. *International Journal of Pharmaceutical Biological Archives*. 3(6):1427-1431. **IF: 1.557**
17. T.Thirumalai, Beverly C David, K.Sathiyaraj, B.Senthilkumar, **E David**, (2012). Ethnobotanical Study of Anti-diabetic medicinal plants used by the local people

in Javadhu hills Tamilnadu, India. *Asian Pacific journal of Tropical Biomedicine*. 2(2):S910-S913. [Source Normalized Impact per Paper (SNIP): 1.171]

18. T.Thirumalai, **E. David**, S.Viviyan Therasa, EK.Elumalai, (2012). Effect of *Solanum surattense* seed on the oxidative potential of cauda epididymal spermatozoa. *Asian Pacific Journal of Tropical Biomedicine*. 2(1):381-385. [Source Normalized Impact per Paper (SNIP): 1.171]
19. T.Thirumalai, **E. David**, S.Viviyan Therasa, EK.Elumalai,(2011). Restorative effect of *Eclipta alba* in CCl₄induced hepatotoxicity in male *albino* rats. *Asian Pacific Journal of Tropical Disease*. 1: 304-307. [Source Normalized Impact per Paper (SNIP): 0.758]
20. Tamilselvan N, Thirumalai T, Elumalai EK, Balaji R, **David E**, (2011). Pharmacognosy of *Coccinia grandis*: A review. *Asian Pacific Journal of Tropical Biomedicine*. 1(1):S299-S302. [Source Normalized Impact per Paper (SNIP): 1.171]
21. Thirumalai, S.Viviyan Therasa, EK.Elumalai, **E. David**, (2011). Hypolipidaemic and antioxidant effect of *Enicostemma littorale* Blume. *Asian Pacific Journal of Tropical Biomedicine*. 5:381-385. [Source Normalized Impact per Paper (SNIP): 1.171]
22. T.Thirumalai, S.Viviyan Therasa, EK.Elumalai, **E. David**, (2011). Intense and exhaustive exercise induce oxidative stress in skeletal muscle. *Asian Pacific Journal of Tropical Disease*. 1:63-66. [Source Normalized Impact per Paper (SNIP): 0.758]
23. EK. Elumalai, TNVKV. Prasad, PC.Nagajyothi, **E David**, (2011). A bird's eye view on Biogenic Silver nanoparticles and their applications. *Der Chemica Sinica*, 2 (2):88-97.
24. T.Thirumalai, S.Viviyan Therasa, EK.Elumalai, **E. David**, (2011). Hypoglycemic effect of *Brassica juncea* (seeds) on streptozotocin induced diabetic male *albino* rats. *Asian Pacific Journal of Tropical Biomedicine*. 4:323-325. [Source Normalized Impact per Paper (SNIP): 1.171]
25. EK. Elumalai ,T.N.V.K.V.Prasad , Venkata Kambala, P.C.Nagajyothi , **E David**. (2010). Green synthesis of silver nanoparticle using *Euphorbia hirta* L and their antifungal activities. Research scholar Library. *Archives of Applied Science Research*. 2 (6): 76-81.
26. S.Viviyan Therasa, T. Thirumalai, E.K.Elumalai, **E.David**. (2010) Fenugreek restrained intestinal glucose absorption in fructose induced insulin resistance rats. *Journal of Pharmacy Research*. 3(11): 2761-2762. IF:2.667.

27. **E.David**, S.Viviyan Therasa, J.Hemachandran, EK Elumalai, T.Thirumalai. (2010) *Eugenia jambolana* leaf extract inhibit uptake of glucose across rat everted gut sacs *invitro*. *International Journal of Pharma. Research & Development*. 2(9): 107 - 112.[**Impact factor:2.1**].