

## Publications Of The Department

1. Sugumar R, Adithavarman AP, Dakshinamoorthi A, David DC, **Ragunath PK**. Virtual Screening of Phytochemicals to Novel Target (HAT) Rtt109 in Pneumocystis Jirovecii using Bioinformatics Tools. J Clin Diagn Res. 2016 Mar; 10(3):FC05-8. PMID: 27134887
2. Vidhya L, Vijayalakshimi Anbu P, **Venkatesan S**. A Study to evaluate the level of anxiety among students in learning a second language. International journal of Psychology and Education. 2016; 3(7):87 - 96. ISSN: 2321-8606
3. Insights on the structural perturbations in human MTHFR Ala222Val mutant by protein modeling and molecular dynamics.  
PA Abhinand, Faraz Shaikh, Soumendranath Bhakat, Ashish Radadiya, LVKS Bhaskar, Anamik Shah, **PK Ragunath**  
**Journal of Biomolecular Structure and Dynamics- Volume 34, 2016 - Issue 4**
4. **Davis GDJ**, Vasanthi a. HR. QSAR based docking studies of marine algal anticancer compounds as inhibitors of protein kinase B (PKB $\beta$ ). Eur J Pharm Sci. 2015 Aug 30; 76:110–8. PMID: [25936945](#) [IF: 3.773]
5. **Hemalatha CR**, Archana S, Anupma Jyoti Kindo, Dhanapalan P and Thyagarajan Ravinder, Farnesol wins the wrestle against ‘biofilm associated protein (bap)’ of Staphylococcus epidermidis. Ind J Drugs Dis. 2014; 3 (2): 311-16. ISSN: [0974-5645](#) [IF: 1.21]
6. **Ragunath PK**, Reddy BV, Abhinand PA, Ahmed SS. Relevance of systems biological approach in the differential diagnosis of invasive lobular carcinoma & invasive ductal carcinoma. Bioinformation. 2012; 8(8):359-364. PMID: [22570516](#) [IF: 0.600]
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8. **Ragunath PK** ., Sindhuja G,. Applied Bioinformatics. Lambert, Germany, 2012. ISBN: 978-3-659-11006-1[**Book**]

9. **Ragunath PK**, Chitra R, Abhinand PA. Systems Biology. Lambert, Germany, 2012. ISBN: 978-3-659-12785-4 [Book]
10. **Davis GDJ**, Sali VK, Vasanthi HR. Clues for cancer from ocean-derived molecules and role of in silico techniques in anticancer drug discovery. In: Kim S-K, editor. Marine Pharmacognosy: Trends and Applications. 1st ed. New York: CRC Press; 2012. p. 393–408. ISBN: [9781439892299](#) [Book Chapter]
11. Arul V, Masilamoni JG, Jesudason EP, Jaji PJ, Inayathullah M, **Davis GDJ**, et al. Glucose oxidase incorporated collagen matrices for dermal wound repair in diabetic rat models: a biochemical study. J Biomater Appl. 2012 May; 26(8):917–38. PMID: [21363874](#) [IF: 2.764]
12. **Ragunath P**, Chitra R, Mohammad S, Abhinand P. A systems biological study on the comorbidity of autism spectrum disorders and bipolar disorder. Bioinformation. 2011; 7(3):102-6. PMID: [22125377](#) [IF: 0.600]
13. **Davis GDJ**, Vasanthi a HR. Seaweed metabolite database (SWMD): A database of natural compounds from marine algae. Bioinformation. 2011 Jan; 5(8):361–4. PMID: [21423723](#) [IF: 0.600]
14. Hemamalini G, **Ragunath PK**, Anusha D, Shaikh F. Relevance of Gene signatures in Differential Diagnosis of Mantle Cell & B Cell Chronic Lymphocytic Lymphoma. SRM Uni J Dental Sci. 2010 Oct; 1(3).
15. **Ragunath PK**, Krishnamuthy A, Sindhuja, Anusha D, Sudarshanam D. Computational Model of Synthetic Construct of Monellin-A Chain. J Comput Int Bioinform. 2010 Jan; 3(1): 111-5.
16. **Ragunath PK**, Velmourougan S, Davachelvan P, Kayalvizhi S, Ravimohan R. Evolving a new model (SDLC Model-2010) for software development life cycle (SDLC). Int J Comp Sci Net Security. 2010 Jan;10(1):112-9.
17. **Ragunath PK.**, Sindhuja G,. Unique gene expression patterns in hematopoietic stem cells from various sources. Int J Hum Genet. 2011; 11(1):15-21.
18. **Davis GDJ**, Masilamoni JG, Arul V, Kumar MSM, Baraneedharan U, Paul SFD, et al. Radioprotective effect of DL-alpha-lipoic acid on mice skin fibroblasts. Cell Biol Toxicol. 2009 Aug; 25(4):331–40. PMID: [18553143](#) [IF: 2.842]

19. **Ragunath PK**, Venkatesan P, Ravimohan R. New Curriculum Design Model for Bioinformatics Postgraduate program using Systems Biology Approach. *J Comput Sci Syst Biol*. 2009 Dec; 2(6):300-305.
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  22. Padmini R, **Ragunath PK**, Karthika S. Insilico immuno-proteomics study on Systemic Lupus Erythematosus. *Ind. J Allergy Asthma Immuno*. 2006; 20(1): 9-27.
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