

## Dr. SHIEK FAREETH AHMED. S.S.J

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### Qualifications:

Ph.D.: 2011, SRM University, Chennai, INDIA

### Research Interests:

Neuroscience, systems biology, NGS, artificial intelligence, omics research

### Post-Doc / Work Experience:

1) 2010 – 2011: Postdoctoral Researcher, Indian Institute of Technology Madras, INDIA

2) 2011 – present: Asst. Professor, Chettinad Hospital and Research Institute (CHRI),  
Kelambakkam, Chennai 603 103, INDIA

### Summary of Research:

Papers	13	Cites/paper	12	h-index	5	AWCR	1.25
Citations	91	Cites/author	18.33	g-index	5	AW-index	3
Years	5	Papers/author	1.58	hc-index	2	AWCRpA	2.5
Cites/year	12	Authors/paper	3.40	hl-index	0.67	e-index	4

### Publications:

13. B Thangam and **SSSJ Ahmed**. 2014. A Systems Biological Approach Reveals Multiple Crosstalk Mechanism between Gram-Positive and Negative Bacterial Infections: An Insight into Core Mechanism and Unique Molecular Signatures. PloS One. 9 (2), e89993; **Impact factor: 3.67**.

12. MS Kamath, **SSSJ Ahmed**, M Dhanasekaran and SW Santosh. 2013 Polycaprolactone scaffold engineered for sustained release of resveratrol: therapeutic enhancement in bone tissue engineering. International journal of nanomedicine 9, 183; **Impact factor: 3.46**.

11. **Shiek S.S.J. Ahmed**. 2013. Systems biology in unruptured intracranial aneurysm: a metabolomics study in serum for the detection of biomarkers. *Metabolomics*. 1-11; **Impact factor: 4.433**.
10. **Shiek S.S.J. Ahmed** and Ramakrishnan V. 2012. Systems biological approach of molecular descriptors connectivity: optimal descriptors for oral bioavailability prediction. *PLoS One*. 7(7): e40654; **Impact factor: 4.4**.
9. Raguinath PK, Reddy BV, Abhinand PA and **Ahmed SS**. 2012. Relevance of systems biological approach in the differential diagnosis of invasive lobular carcinoma & invasive ductal carcinoma. *Bioinformatics*. 8(8):359-64. PMID: 22570516; **Impact factor: 1.15**.
8. Shiek S.S.J. Ahmed, Winkins Santosh, Srinivasa Chakravarthy and Suresh Kumar. 2011. Systems Biological Approach of Neurological Disorders: A Novel Molecular Connectivity to Aging and psychosis. *BMC Systems Biology*. 5:6. PMID:21226925; **Impact factor: 3.57**.
7. PK Raguinath, R Chitra, **Shiek Mohammad** and PA Abhinand. 2011. A systems biological study on the comorbidity of autism spectrum disorders and bipolar disorder. *Bioinformatics*. 7(3); 102-106. PMID: 22125377; **Impact factor: 1.15**.
6. **Shiek S.S.J. Ahmed**, Winkins Santosh and Suresh Kumar. 2010. Neural network algorithm for the early detection of Parkinson's disease from blood plasma by FTIR microspectroscopy, Vibrational Spectroscopy. 53; 181-188. **Impact factor:2.08**.
5. **Shiek S.S.J. Ahmed**, Winkins Santosh and Suresh Kumar. 2010. Metallomic Profiling and Linkage Map Analysis of Early Parkinson's Disease: A New Insight to Aluminum Marker for the Possible Diagnosis. *PLoS One*. 5(6); e11252. PMID: 20582167; **Impact factor: 4.4**.
4. **Shiek S.S.J. Ahmed**, Winkins Santosh and Suresh Kumar. 2010. QSAR and Pharmacophore modeling of 4-arylthieno [3, 2-d] pyrimidine derivatives against A2A receptor of Parkinson's disease. *Journal of Theoretical and Computational Chemistry*. 9(6); 975-991; **Impact factor: 0.8**.
3. G.Hemamalini , PK Raguinath , D Anusha , KT Magesh and **Sheik Fareeth Ahmed**. 2010. Relevance of gene signatures in differential diagnosis of mantle cell and B-cell chronic lymphocytic lymphoma. *Journal of Dental Sciences*. 1(3); 220-224.

2. **Shiek S.S.J. Ahmed**, R.B.Raja, and S.Raghuwanshi et al.2010. Studies On The Spectral Lines of Salivary Samples Taken From Smokers And Non-Smokers. Journal of Health. 10; 2.

1. **Shiek SSJ Ahmed**, Winkins Santosh, Suresh Kumar, Hema T Thanka Christlet. 2009. Metabolic profiling of Parkinson's disease: evidence of biomarker from gene expression analysis and rapid neural network detection, Journal of Biomedical Science. 16; 63. PMID: 19594911; **Impact factor: 1.96.**

#### **HONORS/AWARDS**

Senior research fellowship, Centre for Scientific and Industrial Research, India

Research Associate, Centre for Scientific and Industrial Research, India

#### **Professional Activities**

2009-present International Society for Computational Biology (ISCB) member

2009-present Indian Bioinformatics Society (INBIOS) member