**Dr.B.SAMPOORNAM**  No.7, 3rd Street, Judge Colony,Email: [sampoornnam@gmail.com](mailto:sampoornnam@gmail.com) Tambaram Sanatorium balasambu@gmail.comChennai- 600 047Phone: 044 22232493 . 9884708368.

**PROFILE:**

**Lookingfor Research Scientist Position in Medical/Life sciences.**

**Papers Published: 12**

1. A manuscript entitled “**Energy Healing:Aiming at Balance of Mind, Body and Sprit**”, Published in the Journal of the Science of Healing Outcomes, ISSN: 2347-8438 in August 2018 Volume. 10, No.40

2.A manuscript entitled **Herbal Inhibitors Identified for Renin and Angiotensin Converting Enzymes by Insilico Structure Based Methods**, submitted to the International Journal of Medical and Health Research, published in June 2017.ISSN: 2454-9142.

3. Dr.C.V.Krishnaswami,**B.Sampoornam**,C.Ramesh,P.Venkatesan."**Grand Health Insurance- for Sustainable Health Security , Improving Health and Life Expectancy- for People of India**." Anusandhan - AISECT university Journal Vol.VI/issue XI March2017. ISBN: 2278-4187.

4. Paper titled "**Metaphysical Energy Therapy in the Treatmentof Cranial Nerve Palsies with Special Reference to Bell’s Palsy**" Journal of Biosciences and Medicines, 2016, 4, 77-84.Received: September 9, 2016 Accepted: October 22, 2016 Published: October 25, 2016. After publication of this paper, received invitations to write papers and textbooks in various national and international journals like Global Journal of Health Science, Global Journal of Digestive Diseases,**NESSA Journal of Biotechnology and Bioengineering (NJBB),** Call for Papers in ANUSANDHAN- A Research Journal by AISECT University**,**Lambert Academic Publishing, and to attend and to give a speech in conferences like Medical Informatics Conference 2017-Fifth International Conference on Medical Informatics & Telemedicine, happening from August 29-30, 2017 in Prague, Czech Republic would be right platform for you.,**European Medical and Clinical Congress** (EMCC, [www.vbripress.com/emcc17](https://u2029661.ct.sendgrid.net/wf/click?upn=J2rXBnbsDsRS0iCwwH6fvkzkOmedNQM-2B1Y4GQPd3Tu-2FMOfUJEWZNT8lCAhk2wyKM_rojQG26eAcf4GkAb-2FyFQAUcgrgGqEyS1nTjiT2DE-2FpelsXwS2adO2G9rDp3jpb49grkVqhpyx9coIaLsoc93d9pAa-2BPxKGiv-2BgvPDl-2F-2F3sZPpEx1wgaOrrh3fs9VrVqN3xzgRQxssn3mlUTfOWzOvVMeS8y0JvGy5R5AwOtua5yxCYfvNdfmPyiX9WKgazvxmFrcezUfH68hW2GjSPXAwLdjsb4gPJUYoDHvy9NBTxg-3D)), we would like to invite you to join in the **EMCC 2017**, Stockholm, Sweden, Welcome to Global Healthcare Summit-**Thirteen World Congress on Healthcare & Technologies which will be held during June 14-15, 2018 at Dublin, Ireland.**

5.A write up "**Aging Gracefully - Facts Vs Fears.**" published in the souvenir of the magazine Agecareindia.org. dated 12th October 2016.

6. "**Fasting C-Peptide Response, and Its Clinical Impact in Type I Diabetics to a Novel Metaphysical Energy Healing Therapy—Preliminary Experience and Observations**."Journal of Diabetes Mellitus, 2016, 6, 90-99Published Online February 2016 in SciRes. http://www.scirp.org/journal/jdm<http://dx.doi.org/10.4236/jdm.2016.61010>. After publication of this paper received invitations to write articles in journals like JDM (Journal of Diabetes Mellitus) Invite Outstanding Author to Submit Papers,**SciFed Journal on Diabetes  ,**Global Journal of Health Science, Global Journal of Digestive Diseases,and [Diabetes Research](mailto:diabetesres@imedpub.org)- **Call for papers**

7. “**Expression profiling of human Presenilins**”, submitted to the International Journal of Pharma& Bio Sciences in January 2012 And published in April 2012.

8."**In Silico Structure Based Designing of Potent Peptide Inhibitors for Renin and Angiotensin Converting Enzymes"** Indian Journal of Genetics and Molecular ResearchVolume 1, Issue 1 , January - June 2012, Pages 30-30

9. **Characterization and structural annotation of Renin and Angiotensin converting enzymes**, Paper is published in the International journal of Biomirror (an open access journal) in July 2010 issue

10.**Functional Annotation of Renin and Angiotensin converting enzymes by sequence analysis**, Paper is published in the International journal of Biomirror (an open access journal) in August 2010 issue

11.**New Generation Novel Drugs Designed For Type 2 Diabetes By Insilico Computational Methods which block IRS4**, published in the International journal of Biomirror (an open access journal) in September 2010 issue

12.**Sequence based Comparative analysis of Transcription Factors of Insulin Signaling (IRS Family)** , Paper accepted in June/2009, Published in January 2010. In the Indian Journal of Biotechnology.

**Papers presented in conferences: 5**

1.Attended International Conference of “Research Society for Study of Diabetes in India” (RSSDI) held in Chennai from 26th to 28th October 2012 and presented paper titled “An In vitro Model For The Study of Alzheimer’s Disease ,“Type 3” Diabetes: Differentiation of IMR-32 cells into cells with Characteristics of Mature Neurons.”

2.Attended National Conference on “Zoology and Biotechnology” conducted by Zoological Society of India, held at Gurunanak College, Chennai during 3rd to 5th October and presented paper titled “Molecular Characterization and Structural Profiling ofPresenilins of Humans, Rat, Chicken, Zebra fish and Bos Taurus” and **Won the award of Gold Medal for Best poster**

3.Attended National Conference on “Evolutionary trends in Biochemistry and Molecular biology”- Biotrendz-2012 & 1st “Annual Seminar on Alzheimer’s Disease”-ALZINFO-2012 held at Bharathidasan University, Trichy during 20th and 21st September 2012 and presented paper titled “Amyloid Precursor Protein Affects Ribosomal Small Subunit Assembly That Leads To Death of Brain Cells And Cause Alzheimer Disease.”

4.Attended National Conference on “Recent trends in Medical Biotechnology” held at Dr.MGR University, Chennai on 21stjuly 2012 and presented paper titled “In Silico Structure Based Designing Of Potent Peptide Inhibitors For Renin And Angiotensin Converting Enzymes”

5.Paper titled “New Generation Novel Drugs For Type 2 Diabetes By Insilico Drug Discovery Method” Poster presented in RSSDI-NOVEMBER 2009 conference held in Ahemedabad.

**Workshop attended:**

Workshop on “Research Methodology & Bio-Statistics held at Department of Epidemiology of Dr. M.G.R Medical University from 14.7.08 to 18.07.08.

**Areas of expertise:**

Different areas of Life sciences and Well versed in **Tools of Bioinformatics, Database Management**, Markup languages like **HTML, XML, LINUX** and **WINDOWS** platform, Languages like **C,C++, PERL, JAVA, ADVANCED JAVA,SQL SERVER** and **DOT NET.**

**Professional Profile:**

**Software & research:**

1.Worked as Research Associate in TAG VHS Diabetic Research Centre from 17/08/2015 to 30.06.2017.

2.Worked as Research Scholar in VRR Institute of Biomedical Science from 01.06.09 Till 29.04.2016.

3.Worked as Bioinformatics & clinical trials coordinator in MV Hospital for Diabetes (P) Ltd. From 01.02.08 to 30.5.09.

4.Worked as Module Head (Bioinformatics) in Zanok information technology training. Chennai from 27.11.06 to 13.12.07

**Research experience:**

1.Central Institute of BrackishWater Aquaculture as SRF (ICAR) from 26.11.93 to 28.09.96

2.Sami Chemicals and Extracts Pvt Ltd. Bangalore as Junior Scientist from 08.03.93 to 19.11.93

**Teaching experience:**

1. Worked as Guest Lecturer in Madras Christian College, Chennai from 25/2/2015 to 31/3/15

2.Worked as corporate trainer in IEC Technologies for Bioinformatics from 10.02.06 to 25.11.06.

3. ShrimathiIndra Gandhi College.Thiruchirapalli, as lecturer of Biochemistry.from 02.06.02 to 30.04.03.

4.SRM Arts and Science College. Kattankulathur, as lecturer of Biochemistry from 30.09.96 to 18.06.01

**Clinical experience:**

Jaya Clinical Laboratory as Biochemist. Did Routine Clinical Tests from 03.01.91 to 28.02.93

**Industrial experience**:

Diastem Diagnostic Pvt Ltd, Guindy, as Production executive managed both production and Quality Control of Biochemical Kits. from 08.12.88 to 30.11.90

**Educational Profile:**

**Highlights of qualification:**

1. Bioinformatics Institute of India, NOIDA, U.P. PG Diploma in Bioinformatics in June 2005

2. SSI Limited, Chennai, India. Impact course (C, C++, C#, Java, Advance Java, Linux, SQL Server, Dot Net.)In Dec 2005

**Certifications:**

1. NET of ICAR in May 1996

2. SLST of Madras University in May 1991

**Educational qualification:**

1.Awarded PhD from Universityof Madras in August 2016..

2. M.Phil Biotechnology in I class from Alagappa University, in Aug 2008

3. Msc in Biochemistry in I class from Madras University, in June1988

4. Bsc in Botany in I class, from Madras University, in June 1986

**Personal profile:**

Date of Birth 27.01.1966

**Area of interest:**

Interested to work in Research field in Life Sciences.

**References:**

**Dr.CV.Krishnaswami, Chairman, Prema’s diabetes, medical research centre, Alwarpet , Chennai.**

Dr. Shila Samuel, Head, Department of Biochemistry, VRR Institute of Biomedical Science, 1/7, MRB Avenue, BajanaiKoil Street, Kattupakkam. Chennai-600 056. Mobile:9445787424.Email: shilasamuel@yahoo.com..

**Achievements as Bioinformatics Module Head**

**Courses developed:** 13

1. Diploma in Bioinformatics
2. Advanced Diploma in Bioinformatics
3. Diploma in Bioinformatics for IT professionals
4. Advanced Diploma in Bioinformatics for IT professionals
5. PG Diploma in Computer Aided Drug Designing
6. PG Diploma in Cheminformatics
7. PG Diploma in Pharmacogenomics
8. PG Diploma in Nutrigenomics
9. PG Diploma in Neuroinformatics
10. PG Diploma in Medical Informatics
11. PG Diploma in Systems Biology.
12. PG Diploma in Nano Technology
13. PG Diploma in Clinical Trials.

**Projects completed:**

1. Comparative study of *irx4* and *hey2* transcription factors related to cardiomyopathy
2. Tool for RNA secondary structure prediction
3. Comparative studies on ***Chikungunya***viral genome with Alpha viruses
4. Database for Aquaporins
5. Inhibition of Human MMP2 by Curcumin
6. Designing of peptide antagonist against Human MMP7
7. Study of eastern equine encephalitis virus RNA directed RNA polymerase and identification of similar proteins by peptide mass fingerprinting

8. Identification of Restriction sites in Apolipoprotein L4 genes of schizophrenia

and suggestions for alternate sequence for gene therepy

1. Comparative analysis on Cystic Fibrosis transmembrane conductance regulator gene in homo sapiens (human) with Sus scrofa (pig) , Canisfamiliaris (dog) , Macacamulatta (monkey) and Oryctolaguscuniculus (rabbit)

10. GP120 glycoprotein of HIV interaction with CD4 glycoprotein of human T cell11. Predicting gene ontology on biological and functional process for specific human genes.12. Data analysis of Fibrinogen Gamma Chain gene by using microarray tool13. Protein repeat sequences detection using a tool14. Analysis of protein complexes using Bioinformatics tools15. Data mining and creating database and predicting 3D structures of enzymes involved in cell wall biosynthesis of Mycobacterium tuberculosis.16. Designing of peptide antagonist and identification of herbal inhibitors for Renin and Angiotensin converting enzymes.(M.phil project)

**Projects designed: 31**

1,Protein-Protein Docking2.Protein-Small Ligand Interactions3.Homology Modeling of Proteins And Drug Docking4.Analysis of Genomes5.Comparative Analysis of Genomics6.Functional annotations of Genomes7.Sequence Analysis Of Genomes8.Gene Ontology 9. Protein structure prediction a) Ab initio protein modellingb)Comparative protein modelling

* Homology modelling
* Protein threading

10.Protein-Protein Complexes11.Classification of Protein Families12.Sequence clustering13.Homology of sequences or Phylogenetic Analysis of proteins and dna14.Peptide mass fingerprinting15.Sequence Analysis Of Proteins16.Structural Comparison of Proteins(superposition of proteins)17.Protein-protein interaction prediction18.Finding the Potential Drug Targets And Drug Design19.Database Development and Maintenance20.Algorithm Development21.Project on Prediction of active site of proteins22.Project on Finding of protein repeat sequences 23.Project on codon usage24.Project on ePCR25.Project on Gene expression analysis(Micro arrays)26.Identification of protein binding motifs in proteins 27.Project on protein expression analysis (protein micro arrays)28.Identification of Single nucleotide polymorphism 29.Identification of restriction sites in genome sequences (Gene therapy)30.Projects on gene structure prediction31.Project on DNA repeat sequences.