



DR.K.TULASIRAMAKRISHNAN

Education:M.Sc.,M.Phil.,Ph.D.,
PGDBI.,PGDCA.,DTP.,

Specialization:BIOTECHNOLOGY

Experience:11Years and 03Months

Permanent Address:

S/oK.Kalimuthu(Late),
PlotNo:2A/75,SenaiyarKudieruppu,
Raja Mill Road,
Madurai-625001
TamilNadu,India.

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PersonalData:

Father'sname:K.Kalimuthu(Late)
Mother's name : K.Muthulakshmi
Date of Birth :05-12-1980
Birth Place :Varanasi,U.P
Sex : Male
Nationality : Indian
Religion :Hindu Marital
Status:SingleNative Place
:Madurai,T.N
Blood Group : B Positive

LanguagesKnown:

- English
- Tamil
- Hindi

RESUME

Career Goal

To secure a challenging position where I can effectively contribute my skills as a professional, possessing competent skills, continuous learning and personal growth, as well as organizational growth.

Experience: More than 11Years (Teaching & Industry)

- Working as a Assistant Professor, Department of Biotechnology, K S Rangasamy College of Arts and Science (Autonomous), Tiruchengode, Namakkal Dist, Form 01.11.2021 to Till date.
- Worked as **Biotechnologist** for **Seven months** (From 03.01.2021to31.07.2021)in**COVID19Molecular Diagnosis Lab, Preethi Institute of Medical Sciences and Research,Uthangudi, Madurai.**
- Worked as **Lab Manager** for **Three months** (From July 2020 to October 2020) in **COVID 19 Molecular Diagnosis Lab, Life Care Diagnostics, Shenoy Nagar, Madurai.**
- Worked as **Research Scientist** for **4 years**, involved in **Molecular Research & Diagnosis of Virus in DHR-ICMR-VRDL (Viral Research and Diagnostic Laboratory), BSL-3 Lab, Institute of Microbiology, Madurai Medical College, Madurai.**
- Successfully Completed 'Training Program for Viral Research and Diagnostic Laboratorys (VRDLs) – 2015/01' held from 10th July 2015 to 18th July 2015 at Microbial Containment Complex (MCC), **National Institute of Virology (NIV), Pune, Maharashtra.**
- Worked as a **Lecturer** in **PG and Research Department of Biotechnology, Marudupandiar College, Thanjavur, affiliated to Bharathidasan University, from 3rd July 2006 – 28th September 2010. (4 yrs and 3 months).**
- Worked as a **Research Associate** in **PRILS Research Institute, Pattukottai, Thanjavur from 3rd May 2004to 30thJune 2006. (2 yrs and 2 months).**

Education

1. **Ph.D in Biotechnology**, (2010 to 2013) Faculty of Sciences, Department of Environment and Herbal Science, The Tamil University, Thanjavur – 613 403. **Thesis:** Studies on Role and Characterization of Bacteria in Tannery Effluent – An Environmental and Molecular approach.
2. **M.Phil (Biotechnology)** (2006-2007) with **First Class and Distinction (75%)** from Faculty of Science, Periyar University, Salem – 636 011.
Thesis: Microbial Degradation of Heavy Metals in Tannery Effluent.
3. **PGDBI (Bioinformatics)** (2007-2008) with **First Class (66%)** from Marudupandiar College, Thanjavur, affiliated to Bharathidasan University.
4. **M.Sc (Biotechnology)** (2002-2004) with **First Class and Distinction (84%)** from Marudupandiar College, Thanjavur, affiliated to Bharathidasan University.
Thesis: Auxin induced Programmed Cell Death in Mustard seedlings.
5. **B.Sc (Biochemistry)** (1999-2002) with **Second class (55.10%)** from Yadava College, Madurai, affiliated to Madurai Kamaraj University.
6. **PGDCA (Computer Application)** (2001 - 2002) with **First class (60%)** from JP Soft (Private) Computer Education, Madurai.
7. **Diploma in Desk Top Publication – DTP** (August-2012 to November-2012) with **First class** from Virtual Computer Centre (Private), Madurai – 625 001.
8. **12th STD** Higher Secondary Education (1998) **1st Group (Bio-Maths)** with **First class (64%)** from Madurai Meenakshi Matriculation Higher Secondary School, Madurai.
9. **10th STD** Matriculation Examination (1996) with **First class (69.63%)** from Madurai Meenakshi Matriculation Higher Secondary School, Madurai.

Papers handled as Lecturer

- Microbiology and Biochemistry
- Molecular biology and Genetics**
- Recombinant DNA Technology**
- Immunology and Immunotechnology
- Bioprocess and Fermentation Technology
- Animal, Plant and Microbial Biotechnology
- Ecology and Environmental Biotechnology

Techniques Known

- EnzymeLinkedImmunoSorbentAssay(ELISA)
- **PolymeraseChainReactionandRealTime- PolymeraseChainReaction(RT-PCR)**
- AgaroseGelElectrophoresisandSDS-PAGE
- Lyophilization
- **IsolationofDNA,RNA and Protein**
- HighPerformanceLiquid Chromatography(HPLC)
- GasChromatography-Massspectrometry(GC-MS)
- Biochemical, Microbiological and Molecular biological techniques

Achievements

- University Grant Commission, New Delhi and Bharathidasan University, Tiruchirappalli, approved me for the Post of **Lecturer in Biotechnology as per University Grants Commission (UGC) norms**. (Ref. No.007419/D6/2009. Date: 17.03.2009).
- As an Assistant Professor, got **Certificate of Merit** for producing **100%** Pass results during the academic year **2007 – 2008, 2008 – 2009 and 2010 – 2011**.
- **Certificate of Appreciation** from **Department of Transfusion Medicine, Apollo Speciality Hospitals, Madurai District**, for **Voluntary donation of One unit of Blood** on **28.04.2001**.
- **Certificate of Appreciation** from **Voluntary Blood Bank, Thanjavur District**, for **Voluntary donation of One unit of Blood** on **20.09.2006**.
- **Certificate of Appreciation** from **Indian Red Cross Society, Thanjavur District Branch**, for **Voluntary donation of One unit of Blood** on **22.09.2010**.
- **Certificate of Appreciation** from **Tamil Nadu State AIDS Control Society, Tamil Nadu State Blood Transfusion Council and Department of Transfusion Medicine, Government Rajaji Hospital, Madurai**, for **Voluntary donation of Blood** in service to Suffering Patients on **14.08.2015**.

GenBank Submissions

- *Pseudomonasaeruginosa* strain EVHS116 Sribosomal RNA, partial sequence (Accession No: **JF719291.1**). Date: 18-MAY-2011.
- *Pseudomonasputida* strain EVHS216 Sribosomal RNA, partial sequence (Accession No: **JF719292.1**). Date: 18-MAY-2011.

Publications and Papers Presented

- **K.Tulasi Ramakrishnan** and V.Sivakumari: Auxin induced programmed cell death in Mustard seedlings. *Asian Journal of Environmental Science*, November 2009: Vol.3(2): 95 – 99. [ISSN:0973-4759]
- **K.Tulasi Ramakrishnan** and V.Sivakumari: Biochemical and Molecular markers of Auxin induced Senescence in Mustard seedlings. *Asian Journal of Bio Science*, March 2010: Vol.4(2): 195 – 198. [ISSN:0973-4760]
- **K.Tulasi Ramakrishnan** and V.Sivakumari: Molecular Characterization of transgenic castor and identification of polymorphism between sunflower ray and non ray florets. *International Journal of Plant Sciences*, June 2010: Vol.5(1): 233 – 235. [ISSN: 0973-4899]
- **K.Tulasi Ramakrishnan** and C.Sivasubramanian: Physico – Chemical analysis and biodiversity of microbes in tannery effluent. *Indian Journal of Natural sciences*, February 2013: Vol.3(16): 1261 – 1267. [ISSN: 0976-0997]
- **K.Tulasi Ramakrishnan** and C.Sivasubramanian: Bioremediation of organic pollutants by using free and immobilized cells of *Pseudomonas putida* and *Pseudomonas aeruginosa*. *Asian Journal of Environmental Science*, June 2013: Vol.8(1): 22-27. [ISSN:0973-4759]
- **K.Tulasi Ramakrishnan**, C.Sivasubramanian and R.Rajakumar: Isolation, Identification and Computational studies of *Pseudomonas putida* EVHS2 in Tannery effluent. *Journal of Computational Intelligence in Bioinformatics*, 2013: Vol.6(1): 69-74. [ISSN:0973-385X]
- Paper presented at **International Conference on Sustainable Development and Management of Natural Resources** held at Holy Cross College, Tiruchirappalli, on 15th to 17th March, 2003.

Seminars/Conferences/Trainings/Workshops

- **State Level Seminar on “Food Processing”** sponsored and organized by **Ministry of Food Processing Industries, Govt. of India** and **Yadava College** affiliated to Madurai Kamaraj University, held on **23rd, 24th and 25th August, 2000** at Madurai.
- **Two weeks Training course** from **3rd June, 2002 to 12th June, 2002** in **Domestic Preservation of Fruits and Vegetables and Nutrition** conducted by Department of Women and Child Development, **Ministry of Human Resource Development, Govt. of India**, at Madurai.

- **International Conference on Sustainable Development and Management of Natural Resources** held at Holy Cross College, Tiruchirappalli, on 15th to 17th March, 2003.
- **State level Seminar on “Challenges and Applications in Bioinformatics”** sponsored by CSIR and BARD, held on 31st March to 1st April, 2003 at Bharathidasan University, Tiruchirappalli – 620 024.
- **National Seminar on “Biotechnology of Transgenics: Scientific Progress and Social Issues”** sponsored by DBT, Govt of India, TNSCST, Chennai and NCSTC, New Delhi and **Alagappa University**, organized by **Department of Biotechnology**, Alagappa University, Karaikudi – 630 003, during 28th and 29th July, 2003.
- **National Seminar on “Cancer Genomics”** held at **Centre for Advanced Studies in Functional Genomics, School of Biological Sciences, Madurai Kamaraj University**, Madurai, on 28th February, 2004.
- **National Seminar on “Cardiovascular Genomics”** held at **Centre for Advanced Studies in Functional Genomics, School of Biological Sciences, Madurai Kamaraj University**, Madurai, on 29th March, 2004.
- **National Seminar on “Emerging Trends in Biological Sciences”** Organised by **Departments of Microbiology and Biochemistry, Shrimati Indira Gandhi College**, affiliated to **Bharathidasan University, Tiruchirappalli**, on 9th and 10th October, 2006.
- **National Symposium on “ Challenging Aspects in Environmental and Molecular Biotechnology”** organized by **Department of Biotechnology, Pavender Bharathidasan College, Bharathidasan University, Tiruchirappalli**, on 8th February 2008.
- **National Workshop on “Statistical Analysis of Biological and Biomedical Data”** organised by **ICMR, Govt of India, TNSCST, Chennai and PG and Research Department of Zoology, Raja Serfoji College (Autonomous), Thanjavur – 613 005**, during 24th and 25th January, 2012.
- Successfully completed ‘**Training Program for Viral Research and Diagnostic Laboratorys (VRDLs) – 2015/01**’ held from 10th July 2015 to 18th July 2015 at **Microbial Containment Complex (MCC), National Institute of Virology (NIV), Pune, Maharashtra**.
- Participated as a Delegate in **Continuing Medical Education (CME) on “Art of Publishing Scientific Research and An Intro to Cochrane Reviews”** at **TROPACON-2015**, Organized by **Indian Academy of Tropical Parasitology (IATP) and Institute of Microbiology, Madurai Medical College, Madurai** on 24th to 27th September, 2015.
- **National Level Hands-on Workshop on “Basic and Applied Bioinformatics for Clinical Genomics”** organized by **Central Inter-Disciplinary Research Facility**

(CIDRF), Sri Balaji Vidyapeeth (Deemed University), Puducherry – 607 403, on 14th October, 2016.

- **National Level Hands-on Workshop** in “Essential Bioinformatics Softwares” organized by **PG and Research Department of Biotechnology, National College (Autonomous)**, Tiruchirappalli – 620 001, on 11th February, 2017.
- Delivered a Lecture as Faculty in the **Workshop** on “**BioSafety and Viral Diagnostic Methods**” at Viral Research and Diagnostic Laboratory (VRDL), Institute of Microbiology, **Madurai Medical College, Madurai** on 12th and 13th Sep. 2017.
- Participated in **DHR-National Conference on Virology** organized by **Department of Health Research, Government of India, New Delhi** and **ICMR-National Institute of Virology, Pune**, held at **National Institute of Virology (NIV), Microbial Containment Complex (MCC), Pune**, between 26th – 27th October, 2017.

Strengths

- Ability to learn from mistakes
- Hardworking with full involvement
- Positive attitude

Declaration

I hereby declare that the above stated details are true and correct to the best of my knowledge and belief.

Signature


(DR.K.TULASIRAMAKRISHNAN)

Place: Madurai, T.N Date:

05.10.2021

References

1. **Dr.C.Sivasubramanian, M.Sc., M.Phil., Ph.D., Associate Professor and Head, Department of Environment and Herbal Science, Faculty of Sciences, The Tamil University, Thanjavur – 613 403. Cell No: 98652 89698.**
2. **Dr.V.Dhanalakshmi M.D., Professor, Vice Principal and Principal Investigator, DHR-ICMR-VRDL (Viral Research and Diagnostic Laboratory), Institute of Microbiology, Madurai Medical College, Madurai – 625 020. Cell No: 94430 85727.**