

KURUNCHI C DIVYA

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Faculty of Allied Health Sciences
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Qualifications:

Ph.D., To be submitted , Chettinad Academy of Research
and Education

M.Phil., Tamilnadu Veterinary and Animal Sciences
University

Research Interests:

Microbial Genomics, Drug resistance in bacteria.

Work Experience:

2011 – Till Date : Assistant Professor, FAHS, CHRI, CARE

2008 – 2011 : Senior Research Fellow, Madras Veterinary College, TANUVAS

Extramural projects ongoing/completed: Nil

Research Guidance:

Degree	Awarded	Ongoing
M. Sc.	7	0

Summary of Research:

Papers	Citations	h-index	i10-index
16	80	5	1

Patents

Submitted – Under Review

GenBank Submissions 67

Publications

1. **Kurunchi C Divya**, M Parthiban, S Senthil Kumar, K Kumanan and Mohammed Shafiuzama. 2009. Telomerase activity in canine mammary tumor tissues using PCR-ELISA. *Journal of Immunology and Immunopathology*, 11(2): 61-64.
2. **Kurunchi C Divya**, M Parthiban, G Sathish, K Kumanan and B Mohan. 2011. Detection of oncogenic strains of MDV serotypes 1 in Tamil nadu by Duplex PCR. *Indian Journal of Animal Sciences*, 81(1): 6-8. **IF : 0.3.**
3. **Kurunchi C Divya**, A. Jamuna Rani, M. Parthiban and R.Saranya. 2011. Molecular detection of cell culture mycoplasmal contaminants in bovine serum. *Indian Journal of Animal Sciences*. 81(2): 146-148. **IF : 0.3.**
4. M.Parthiban, **Kurunchi C Divya**, K. Kumanan and S. Bargavi. 2012. A Rapid and Highly Reliable Field-Based Lamp Assay of Canine Parvovirus. *Acta Virologica*. 56: 71-74 **IF : 1.5.**
5. M. Parthiban, R. Saranya, **Kurunchi C Divya** and K Kumanan. 2012. Detection of Antigenic variation of canine parvovirus strains of Tamil Nadu using differential PCR. *Indian Journal of Animal Sciences*. 82: 237-239. **IF: 0.3.**
6. G. Sathish, M. Parthiban, K. Kumanan, C. Balachandran, and **Kurunchi C Divya**. 2012. Differential diagnosis of avian oncogenic viruses using multiplex PCR in turkeys and poultry layer farms. *Journal of Clinical Microbiology*. 50 (8). **IF: 4.2.**
7. B. Balaji, T.M.A.Senthil Kumar, Ramya N. Iyer, **Kurunchi C Divya** and K. Kumanan. 2012. Development of latex agglutination test for serodiagnosis of Marek's disease virus using recombinant glycoprotein B. *Indian Veterinary Journal*. **IF: 0.2.**
8. M Parthiban, K S Shalini, **Kurunchi C Divya**, K Kumanan and K S Aarthi. 2014. Rapid detection of fowl adenovirus field samples using loop-mediated isothermal amplification assay. *Indian Journal of Animal Sciences*. 84(1): 22-25. **IF: 0.3.**
9. G. Sathish, **Kurunchi C. Divya**, M. Parthiban and A. Wilson Aruni. 2014. In silico analysis show incidence of very virulent Marek's Disease Virus (MDV). *International Journal of Computational Bioinformatics and In Silico Modeling*. 3(3): 374-380
10. Jayanthi,, S, Renuka. B Jeya. M, Meena. N, **Kurunchi C Divya**. 2015. Plasmid Mediated Drug Resistance in *Acinetobacter baumannii* Isolated from Clinical Samples. *Indian Journal of Applied Research* 5 (5), 342-344.

11. G. Sathish , M. Parthiban , **Kurunchi C. Divya**, Kumanan, K., Stalin Vedamanickam. 2015. Detection of Avian Leukosis Viruses in commercial poultry flocks by Immunohistochemistry and PCR. *International Journal of Advanced Research in Biological Sciences* 2 (6), 215-224.
12. G.Sathish , M.Parthiban , **Kurunchi C Divya** , Stalin Vedamanickam. 2015. Molecular identification of Reticuloendotheliosis virus in turkey and poultry layer farms of Tamil Nadu, India. *International Journal of Advanced Multidisciplinary Research* 2(4): 118–124.
13. G.Sathish, **Kurunchi C Divya**, E. Hemakumar, K. Murugan, A. Stalin Vedamanickam, G. Sathiyapriya. 2015. Identification and analysis of mecA gene in Mastitis milk samples collected from field conditions in Tamilnadu (INDIA). *Indian Journal of Veterinary and Animal Sciences Research* 44(3): 183-191.
14. M. Vimala, **Kurunchi C Divya**, Agnishwar Girigoswami. 2016. Liposomal nanoformulations of rhodamine for targeted photodynamic inactivation of multidrug resistant gram negative bacteria in sewage treatment plant. *Journal of Photochemistry & Photobiology, B: Biology* 162: 146–152. **IF: 3.8.**
15. Sathish G, Hemakumar E, **Kurunchi C Divya**. 2016. Rapid Detection of MRSA by Loop Mediated Isothermal Amplification in Bovine Milk Samples. *British Microbiology Research Journal*. 17(1): 1-5.
16. Sathish G, **Kurunchi C Divya**. 2017. Can methicillin-resistant *Staphylococcus aureus* prevalence from dairy cows in India act as potential risk for community-associated infections?: A review. *Veterinary World*. 10(3): 311-318. **IF: 0.6.**

Conference Presentations:

06 International and 05 National

Awards and Recognition:

1. **CSIR-UGC NET-LS** All India Rank: **54**.
2. **GATE 2010**; Percentile: **99.02**, All India Rank: **110 out of 11927**, Subject – **Biotechnology**
3. **University First Rank in M.Phil**, 2008, TANUVAS.