

Oral and Poster Presentation

- Presented a talk on “Protective Effects of a Small Molecule Inhibitor, DDQ Against Aging, Amyloid Beta, and Phosphorylated Tau in Alzheimer’s Disease”, **Murali Vijayan**, in **Alzheimer’s Disease Research Seminar** Series, Department of Internal Medicine, Lubbock, Texas, USA. February 23, 2021.
- Poster presentation on “Is Alzheimer’s a Lifestyle Disease: A Critical Assessment?”. Kiran Ali, Neha Sawant, Subodh Kumar, **Murali Vijayan**, Bhagavathi Ramasubramanian, Pradeepkiran Jangampalli Adi, LisaAnn Gittner, Hafiz Khan and P. Hemachandra Reddy. **32nd Annual Student Research Week – 20/20 Visions of Biochemistry**, March 10-13, 2020, Texas Tech University Health Sciences Center (TTUHSC), Lubbock, Texas.
- Poster presentation on “Mitochondrial division inhibitor 1 (Mdivi1) improves ER-mitochondria contacts in Huntington’s disease”. Neha Sawant, Subodh Kumar, **Murali Vijayan**, Bhagavathi Ramasubramanian, Pradeepkiran Jangampalli Adi, and P. Hemachandra Reddy. **32nd Annual Student Research Week – 20/20 Visions of Biochemistry**, March 10-13, 2020, Texas Tech University Health Sciences Center (TTUHSC), Lubbock, Texas.
- Presented a poster on “Emerging roles of microRNAs in ischemic stroke and vascular dementia: possible diagnostic and therapeutic targets”. **Vijayan M**, Kumar S, Neha S, Reddy PH. **Texas Alzheimer’s Research and Care Consortium 2020 Scientific Symposium - An Investigator Meeting**, The University of Texas at Austin, Thursday, January 30, 2020.
- Poster presentation on “MicroRNA-455-3p as a emerging peripheral biomarker for Alzheimer’s disease”. Subodh Kumar, **Murali Vijayan**, Neha Sawant, and P. Hemachandra Reddy. **Texas Alzheimer’s Research and Care Consortium 2020 Scientific Symposium - An Investigator Meeting**, The University of Texas at Austin, Thursday, January 30, 2020.
- Presented a poster on “Novel microRNA PC-5P-12969 and ischemic stroke”. **M. Vijayan**, P.H. Reddy. **Neuroscience 2019**, 19-23rd October 2019.
- Presented a talk on “MicroRNAs: innovative targets for ischemic stroke”, **Murali Vijayan**, in **Alzheimer’s Disease Research Seminar** Series, Department of Internal Medicine, Lubbock, Texas, USA. June 18, 2019.
- Presented an oral on “Novel microRNA PC-5P-12969 as Potential Peripheral Biomarker for Ischemic Stroke”, **Murali Vijayan**, P. Hemachandra Reddy. **Regional Healthy Aging and Dementia Research Symposium** Organized by Garrison Institute on Aging of Texas Tech University Health Sciences Center held on 24-25th October 2018, Lubbock, Texas, USA.

- Presented a poster on “Expression Level of Novel MiRNA PC-5P-12969 in Two Different *in vivo* Stroke Models”. **Vijayan M**, Kumar S, Cengiz P, Karamyan VT, Reddy PH. **Regional Healthy Aging and Dementia Research Symposium** Organized by Garrison Institute on Aging of Texas Tech University Health Sciences Center held on 24-25th October 2018, Lubbock, Texas, USA.
- Poster presentation on “MicroRNA-455-3p regulates amyloid precursor protein processing, mitochondrial biogenesis, and synaptic activity in Alzheimer’s disease”. Subodh Kumar, **Murali Vijayan**, Arubala P Reddy, Xiangling Yin, and P. Hemachandra Reddy. **Regional Healthy Aging and Dementia Research Symposium** Organized by Garrison Institute on Aging of Texas Tech University Health Sciences Center held on 24-25th October 2018, Lubbock, Texas, USA.
- Poster presentation on “Reduced Dynamin-Related Protein 1 Mitigates Mitochondrial Fragmentation, Elevates Spatial Learning and Memory Functions and Elevates Dendritic Spines in App Transgenic Mice”. Maria Manczak, Ramesh Kandimalla, Xiangling Yin, **Murali Vijayan**, Chandra Sekhar Kuruva, Subodh Kumar, P. Hemachandra Reddy. **Regional Healthy Aging and Dementia Research Symposium** Organized by Garrison Institute on Aging of Texas Tech University Health Sciences Center held on 24-25th October 2018, Lubbock, Texas, USA.
- Poster presentation on “Age- and Gender-Based MicroRNA Levels in C57BL6/J mice”. Christopher Hornback, Subodh Kumar, **Murali Vijayan**, C. Breann Williams, Pratibha Kottapalli, Rao Kottapalli, P. Hemachandra Reddy. **Regional Healthy Aging and Dementia Research Symposium** Organized by Garrison Institute on Aging of Texas Tech University Health Sciences Center held on 24-25th October 2018, Lubbock, Texas, USA.
- Oral presentation on “Improvement in risk factors implicated in Alzheimer’s Disease Pathogenesis”. Hegde V, **Vijayan M**, Peddibhotla S, Kumar S, Dhurandhar NV, and Reddy H. **American Society for Nutrition 2018**. 9-12th June 2018.
- Presented a poster on “Identification of novel circulatory microRNA signatures linked to patients with stroke”. **M. Vijayan**, S. Kumar, P.H. Reddy. **Neuroscience 2017**, 11-15th November 2017.
- Poster presentation on “MicroRNA-455-3p as a potential peripheral biomarker for Alzheimer’s disease”. S. Kumar, **M. Vijayan**, P.H. Reddy. **Neuroscience 2017**, 11-15th November 2017.
- Poster presentation on “Reduced dynamin-related protein 1 mitigates mitochondrial fragmentation, elevates spatial learning and memory functions and elevates dendritic spines in app transgenic mice”. M. Manczak, R. Kandimalla, **M. Vijayan**, X. Yin, C. Kuruva, S. Kumar, P.H. Reddy. **Neuroscience 2017**, 11-15th November 2017.

- Poster presentation on “A partial loss of dynamin-related protein 1 enhances dendritic spines, reduces fragmented mitochondria, and increases hippocampal based cognitive function in mutant Tau mice”. R. Kandimalla, M. Manczak, X. Yin, C. S. Kuruva, **M. Vijayan**, S. Kumar, P.H. Reddy. **Neuroscience 2017**, 11-15th November 2017.
- Poster presentation on “Polymorphic amino acid variations in the peptide binding pockets of HLA-DQB1* alleles with autoimmune thyroid disease from south India”. Ramgopal S, Rathika C, Padma Malini R, **Vijayan M**, Balakrishnan K. **American Society for Histocompatibility & Immunogenetics (AHSI) 43rd Annual meeting**, 11-15th September 2017.
- Poster presentation on “Presence of HLA extended haplotypes and KIR association in health and diseases in South India”. Balakrishnan K, Rathika C, **Vijayan M**, Padma Malini R, Ramgopal S. **American Society for Histocompatibility & Immunogenetics (AHSI) 43rd Annual meeting**, 11-15th September 2017.
- Poster presentation on “MicroRNA-455-3p as a potential peripheral biomarker for Alzheimer’s disease”. Kumar S, **Vijayan M**, Reddy PH. **Symposium of the Center of Excellence for Translational Neuroscience and Therapeutics**, April 27, 2017.
- Poster presentation on “Differential expression of microRNAs in the skeletal muscles of mice with aging”. Williams J, Smith F, Kumar S, **Vijayan M**, Reddy PH. **29th Annual Student Research Week - Molecular Neurosciences & Systems: From Nucleotides to Networks**, March 7-10, 2017.
- Poster presentation on “Up regulation of microRNAs in the brains of mice with aging”. Smith F, Williams J, Kumar S, **Vijayan M**, Reddy PH. **29th Annual Student Research Week - Molecular Neurosciences & Systems: From Nucleotides to Networks**, March 7-10, 2017.
- Poster presentation on “HLA-A/-B/-DR allelic Polymorphism in renal transplant patients”. Balakrishnan K, Rathika C, **Vijayan M**, Dhivakar M, Kamaraj R, Padma Malini R. **42nd Annual Conference of Indian Immunology Society** (Immunocon 2015), October 9-11, 2015.
- Poster presentation on “Association of *GSTT1* and *GSTM1* polymorphisms in cervical cancer from south India”. Ponmathi P, **Vijayan M**, Rathika C, Padma Malini R, Ramgopal S, Dhivakar M, and Balakrishnan K. **National Conference on Recent Trends in Modern Biology & 46th Aqua-Terr Annual Conference**, February 27-28, 2015.
- Poster presentation on “Molecular Subtyping of HLA-DR2 Alleles in South Indian Patients”. Nageshwari R, Dhivakar M, **Vijayan M**, Kamaraj R, Padma Malini R, Rathika C and Balakrishnan K. **41st Annual Conference of Indian Immunology Society** (Immunocon 2014), December 12-14, 2014.

- Poster presentation on “Association of HLA-Class II and CTLA-4 gene A/G Polymorphism in T1DM Patients in South Indian Population”. Padma Malini R, Rathika C, **Vijayan M**, Dhivakar M, Ramgopal S, Balakrishnan K Dharmarajan P and Thuthesan Pava T. **41st Annual Conference of Indian Immunology Society** (Immunocon 2014), December 12-14, 2014.
- Poster presentation on “Association of HLA-Class II and CTLA-4 gene A/G Polymorphism in Autoimmune Thyroid Disease (AITD) Patients in South Indian Population”. Ramgopal Sivanadham, Rathika C, **Vijayan M**, Kamaraj R, Dhivakar M, Padma Malini R, Balakrishnan K, Arun Kannan, and Kamaludeen MN. **41st Annual Conference of Indian Immunology Society** (Immunocon 2014), December 12-14, 2014.
- Poster presentation on “PCR-SSP Based Screening of HLA-DRB1* and DQB1* Alleles in Cervical Cancer Patients from Tamil Nadu”. Saranya Devi K, Rathika C, **Vijayan M**, Dhivakar M, Padma Malini R Kamaraj K, Navaneetha Kannan K, and Balakrishnan K. **41st Annual Conference of Indian Immunology Society** (Immunocon 2014), December 12-14, 2014.
- Poster presentation on “DRB1*/ DQB1* allele and haplotype frequencies in ESRD patients from South India”. Manikandan T, Rathika C, **Vijayan M**, Dhivakar M, Kamaraj R, Padma Malini R, and Balakrishnan K. **41st Annual Conference of Indian Immunology Society** (Immunocon 2014), December 12-14, 2014.
- Poster presentation on “Correlation of heat shock protein (HSP70) and C- reactive protein (CRP) with exposure to mobile phone induced radiation”. Balakrishnan K, **Vijayan M**, Rathika C, Dhivakar M, Kamaraj R, and Padma Malini R. **40th Annual Conference of Indian Immunology Society** (Immunocon 2013), November 15-17, 2013.
- Poster presentation on “Distribution of HLA-DRB1* alleles and ACE (I/D) polymorphism in an Elderly population of Tamil Nadu, south India”. Balakrishnan K, Balamurugan R, Rathika C, Kamaraj R, **Vijayan M**, and Dhivakar M. **100th Indian Science Congress**: January 3-7, 2013.
- Poster presentation on “Distribution on HLA-Class II Antigens in different caste groups from south Indian populations”. Balakrishnan K, Rathika C, Manikandan T, Kamaraj R, **Vijayan M**. **5th Congress of the Federation of Immunological Societies of Asia Oceania**: March 14-17, 2012.
- Presented a poster on “Studies on HLA-hsp70 gene expression among frequent users of mobile phone”. **Vijayan M**, Balakrishnan K, Rathika C. **5th Congress of the Federation of Immunological Societies of Asia Oceania**: March 14-17, 2012.
- Presented a poster on “An analysis of host genetics (HLA) and the expression of heat shock proteins (hsp) among mobile phone users”. K. Balakrishnan, **Vijayan M**, C. Rathika, T. Manikandan, **International conference on Defence Science & Research, Singapore** on 3-5th August 2011.

- Poster presentation on “Heterozygosity at multiple gene loci determines the spectrum of Diabetic complication in South Indian Type 2 Diabetes patients”. K. Balakrishnan, C. Rathika, T. Manikandan, N. Raju, V. Palanikumar, N.S. Prasad, **Vijayan M**, M. Dhiwakar. **Geno 2011**: March 21- 24, 2011.
- Poster presentation on “Angiotensin converting enzyme gene Insertion/Deletion polymorphism in idiopathic Nephrotic Syndrome in South Indian Children”. Aravind Selvin Kumar. R, Balakrishnan. K, **Vijayan M**, Dhiwakar, M, Manikandan. T and Prabha Sengutuvan. **2nd Indian Youth Science Congress**: June 26-28, 2010.