Invited Seminars, Talks and Plenary Lectures at National and International Conferences/Meetings by P. Hemachandra Reddy – In Reverse Chronological Order

2019

1. Invited plenary presentation 'Early Cellular Changes in Alzheimer's Disease' at the International Conference on Neurological Diseases and Therapeutics, Gandhinagar, India, organized by National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad.
2. Invited talk 'Protective Role of Reduced Drp1 in Alzheimer's Disease' by Dr. Kim Tieu, Florida International University, March 28, 2019.
3. Invited talk 'MicroRNAs as Early Detectable Biomarkers for Alzheimer's Disease and Ischemic Stroke' by Dr. H Lee, University of Texas, San Antonio, Feb 4, 2019.

2018

4. Invited talk 'Reduced Dynamin-related Protein 1 and Neuroprotection in Alzheimer's Disease' by Dr David Kang, University South Florida, Tampa, November 2, 2018.
5. Invited talk 'What We Learned About Alzheimer's Synapses and Mitochondria' by Dr. Lisa Stanek, Neuroscience Division, Sanofi, Boston, MA September 5, 2018.
6. Invited Plenary Lecture 'Abnormal Mitochondrial Dynamics and Defective Synapses: Protective Role of Reduced Dynamin-Related Protein 1 in Alzheimer's Disease' at Second International Conference on Neurology and Brain Diseases, Rome Italy, June 3-6, 2018.
7. Invited Presentation 'Abnormal Mitochondrial Dynamics and Defective Synapses' invited by Dr. Pearl Merritt, Regional Dean of School of Pharmacy, TTUHSC at 6th Annual Abilene Alzheimer's Symposium, May 4, 2018.
8. Invited Presentation 'Can Lifestyle Activities Delay and/or Prevent Alzheimer's Dementia in Elderly Individuals' by Dr. Heather Caldwell at 6th Annual Neuroscience Symposium, Kent State University, Ohio, April 25-26, 2018.

2017

9. Invited talk 'Synaptic Mitochondrial Damage in Alzheimer's Disease' by Dr. Krishna Bhatt, Professor of Cell Biology and Neuroscience Department, University of Texas Medical Branch, Galveston, TX, December 6, 2017.
10. Invited talk 'Defective Synapses and Mitochondria in Alzheimer's Disease' by Dr. Alvin Terry, Associate Vice President for Basic Science Research, Regents Professor and Chair, Department of Pharmacology and Toxicology, Medical College of Georgia at Augusta University, September 25, 2017.
11. Invited presentation 'Mitochondrial Fragmentation and Neurodegeneration in Huntington's Disease at Graduate Faculty Retreat, Graduate School of Biomedical Sciences, Texas Tech University Health Sciences Center, Lubbock, TX, September 22, 2017.
12. Invited talk 'Mitochondrial Fragmentation and Synaptic Damage in Alzheimer's disease' by Dr. Asgar Zaheer, Director for Center for Translational Neuroscience, University of Missouri – School of Medicine, Columbia, MO August 14, 2017.
13. Invited presentation 'Recent Research at Garrison Institute on Aging – Focus on Women's Health' by Ms. Laura Logan, Director Communications, Leadership Women, May 7-9, 2017.
14. Invited talk 'Mitochondria-targeted Molecules and Alzheimer's Disease' by Qian Cai, Department of Cell Biology and Neuroscience, Rutgers, The State University of New Jersey, Piscataway, NJ, March 17, 2017.
15. Invited talk entitled 'Synapses and Mitochondria in Alzheimer's Disease' by Dr. Anil Kumar, Chair of Pharmacology and Toxicology, UMKC-School of Pharmacy, Kansas City, February 9, 2017.
16. Invited presentation entitled 'Recent Advances in Alzheimer's Disease Pathogenesis: Molecular Basis and Therapeutics,' for Korean students of Hallym University, who visited TTUHSC, February 3, 2017.

2016

17. Invited presentation entitled 'Amyloid beta, Dynamin-related Protein 1 and Synaptic Damage in Alzheimer's Disease' by Dr. Susan Bergeson, Director of Graduate School of Biomedical Sciences Biotechnology, TTUHSC, November 18, 2016.
18. Invited talk entitled 'Are Mitochondria Protective Against Amyloid beta-induced Synaptic Damage in Alzheimer's Disease' by Nick Brustovetsky, Ph.D., Professor and Showalter Scholar, Department of Pharmacology and Toxicology, Stark Research Institute, Indiana University School of Medicine, November 2-3, 2016.
19. Invited seminar entitled 'Mitochondria-Targeted Molecules As Potential Therapeutic Targets' at the Alzheimer's Association International Conference, July 24-28, 2016, Toronto, Canada.

20. Invited seminar entitled **'**Oxidative Stress, Mitochondrial Dysfunction and Defective Synapses in Alzheimer's Disease,' on January 22, 2016 at NSM Biological Sciences 2016 Spring Seminar Series, University of Texas, Dallas.
21. Invited Plenary presentation entitled 'Is Mitochondrial Impairment A Key Factor For Aging and Alzheimer's Disease?' on January 11, 2016 at Sri Venkateswara University, Tirupathi, India.

2015

22. Invited seminar entitled 'Advances in Alzheimer' Neurology & Epilepsy Grand Round Series' on Wednesday, December 2, 2015 at the Overton Hotel & Conference Center in Lubbock, TX.
23. Invited Healthy Aging Seminar entitled 'Can Healthy Diets, regular exercise and better lifestyle delay progression of dementia in elderly individuals?' Garrison Institute on Aging Healthy Aging Lecture Series, November 18, 2015.
24. Plenary Lecture entitled 'Mitochondrial division inhibitor 1 protects against mutant huntingtin-induced abnormal mitochondrial dynamics and neuronal damage in Huntington's disease' at 33rd Indian Academy of Neurosciences, Chandigarh, India. October 30-November 2, 2015.
25. Invited talk entitled 'Is Impaired Mitochondria Dynamics a Key Factor for Aging and Alzheimer's Disease?' at International Brain Research Organization School, Chandigarh, India. October 26-30, 2015.
26. Invited talk entitled 'Stress, Dysfunction & Aging: Culprit Affecting Our Cells….' Garden & Arts Center at 44th St. and University Ave. Lubbock, September 22, 2015.
27. Invited talk entitled 'Defective Synapses and Mitochondrial Dysfunction' at Faculty Retreat, TTUHSC, Lubbock, September 11, 2015.
28. Invited Guest Lecture entitled 'Molecular Mechanisms of Aging and Alzheimer's disease' for neuroscience course for speech and hearing science seniors, Department of Speech, Language, & Hearing Sciences, Texas Tech University Health Sciences Center, September 13, 2015.
29. Invited talk entitled 'Is Mitochondrial Dysfunction a Trigger for Alzheimer's Disease Pathogenesis?' Department of Cell Biology & Biochemistry, Texas Tech University Health Sciences Center, Lubbock, Texas, June 26, 2015.
30. Invited talk entitled 'Oxidative Stress and Mitochondrial Dysfunction in Aging and Alzheimer's Disease,' School of Pharmacy, Texas Tech University Health Sciences Center, Amarillo, Texas, April 29, 2015.
31. Invited talk entitled 'Mitochondria, Oxidative Stress and Neurodegenerative Diseases,' Neurology Department, Texas Tech University Health Sciences Center, Lubbock, Texas, April 27, 2015.
32. Invited talk entitled 'Inhibitors of Mitochondrial Fission as a Therapeutic Strategy for Diseases with Oxidative Stress and Mitochondrial Dysfunction,' Mitochondrial Targeting & Toxicity symposium, Cambridge Health Tech Conference, March 2015.
33. Invited talk entitled 'Oxidative Stress and Mitochondrial Dysfunction in Aging, Alzheimer's Disease and Obesity/Diabetes' at Obesity Research Cluster and Nutritional Sciences, Texas Tech University, Lubbock – February 19, 2015.
34. Invited talk entitled 'Mitochondrial approaches to treat neurodegenerative diseases' at 2015 Translational Research Seminars by Department of Internal Medicine, Texas Tech University Health Sciences Center, March 4, 2015.
35. Invited Grand Round Lecture entitled 'Mitochondrial Dysfunction in Neurodegenerative Diseases' at Neurology Department, Texas Tech University Health Sciences Center, March 3, 2015.
36. Invited talk entitled 'Inhibitors of Mitochondrial Fission as a Therapeutic Strategy for Diseases with Oxidative Stress and Mitochondrial Dysfunction' at Mitochondrial Targeting & Toxicity symposium organized by Cambridge Health Tech Conference, March 19-21, 2015.
37. Garrison Institute on Aging Research, TTUHSC Seminar 'A New Direction of Research in Aging and Neurodegenerative Disease, Part 3 - Focus on Huntington's Disease,' presented on January 6, 2015.

2014

38. Garrison Institute on Aging, TTUHSC Research Seminar 'A New Direction of Research in Aging and Neurodegenerative Disease, Part 2 – Reduced Alzheimer's Disease and Longevity in Alzheimer's Disease,' presented on December 2, 2014.
39. Garrison Institute on Aging, TTUHSC Healthy Aging Lecture Series entitled 'Alzheimer's Disease: Cell Damage and Defective Synapses, Research and Preventive Measures,' presented on November 19, 2014.
40. Garrison Institute on Aging, TTUHSC Research Seminar 'A New Direction of Research in Aging and Neurodegenerative Disease, Part 1 – Introduction,' presented on November 7, 2014.
41. Invited talk entitled 'Mitochondrial Dysfunction in Alzheimer's Disease' at Texas Tech University Health Sciences Center, Lubbock, Texas on March 13, 2014.
42. Invited talk entitled 'Mitochondrial Dysfunction in Aging and Alzheimer's Disease' at the Department of Pharmacology & Neuroscience, University of North Texas, Fort Worth, Texas on Feb 25, 2014.

43. Invited talk entitled 'Mitochondrial Damage and Defective Synapses in Alzheimer's Disease' at the Department of Physiology and Biophysics, Case Western Reserve University, Cleveland, Ohio, January 27, 2014.

2013

44. Invited talk entitled 'Mitochondria-Targeted Molecules and Neuroprotection in Alzheimer's Disease' at the Department of Biomedical Sciences, College of Veterinary Medicine, Iowa State University, Ames, December 4, 2013.
45. Invited talk entitled 'Defective Synapses and Oxidative Stress in Neurodegenerative Diseases' at the 23rd Neuropharmacology Conference of The Synaptic Basis of Neurodegenerative Diseases, and A satellite meeting to Society for Neuroscience, San Diego, 7-8 November 2013.
46. Invited talk entitled 'Mitochondria-Targeted Drugs To Treat Patients With Alzheimer's Disease' on June 5, at the Drug Discovery and Therapy World Congress of the John B. Hynes Veterans Memorial Convention Center, June 5, 2013, Boston.
47. Invited talk entitled 'Are Mitochondria Critical For Synaptic Activity and Neuronal Function in Alzheimer's Disease?' at the Wellesley College Summer Research Program on June 6, 2013, Wellesley.
48. Invited talk 'Drug Screening – Fusion/Fission Modulators' at the Neuromuscular Disorders of Mitochondrial Fusion and Fission, European Neuromuscular Center, in NH Naarden Hotel, The Netherlands, April 26-28, 2013.
49. Invited talk 'Mitochondrial Dysfunction and Oxidative Stress in Alzheimer's Disease' at the Anesthesiology and Peri-operative Medicine Department of Oregon Health and Science University, February 6, 2013.

2012

50. Invited talk entitled 'Mitochondria-Targeted Catalase Reduces Abnormal APP Processing, Amyloid beta Production and BACE1 in a Mouse Models of Alzheimer's Disease: Implications for Neuroprotection and Lifespan Extension' at the 7th International Conference of the Coenzyme Q10, held in Seville, Spain, November 8-11, 2012.
51. Invited talk entitled 'Amyloid Beta Induced Impaired Mitochondrial Dynamics and Synaptic Degeneration in Alzheimer's Disease' at the Barshop Institute of Aging, University of Texas Health Center, San Antonio, September 25-27, 2012.
52. Invited talk entitled 'Amyloid Beta and Mitochondria in Alzheimer's Disease' by at the Alzheimer's Disease Center, Karolinska Institute, Stockholm, Sweden, September 11-16, 2012.

2011

53. Invited talk entitled 'Mitochondria as Drug Targets' at a Symposium on Alzheimer`s Disease: New perspectives on therapeutic targets and pathways held in Frankfurt, Germany, August 25-27, 2011.

2010

54. Invited faculty seminar entitled 'Abnormal Mitochondrial Dynamics and Synaptic Damage in Alzheimer's Disease: Implications Cognitive Decline' at the Medical and Molecular Genetics Department, Oregon Health and Science University, December 1, 2010.
55. Invited faculty seminar entitled 'Abnormal Mitochondrial Dynamics in Alzheimer's Disease: Implications for Synaptic Damage and Cognitive Decline' at the Pharmacology Department, Temple University School of Medicine, Philadelphia, November 3, 2010.
56. Invited talk entitled 'Oxidative Stress and Mitochondria-Targeting Antioxidants' by EISAI at Mitochondrial Advisory Symposium held at Hatfield, London, September 13-15, 2010.
57. Invited talk entitled 'Mitochondrial Medicine for Cognitive Aging and Alzheimer's Disease' by New York Academy of Sciences and Alzheimer's Drug Discovery Foundation held at New York on May 13, 2010.
58. Invited talk entitled 'Role of Amyloid Beta and Mitochondrial Dysfunction in Alzheimer's Disease' at the Department of Neuroscience and Experimental Therapeutics, Texas A&M University College Station, TX, February 11, 2010.

2009

59. Invited talk entitled 'Mitochondrial Dysfunction in Aging and Alzheimer's Disease' at the Department of Cellular and Structural Biology, University of Texas Health Science Center, San Antonio, November 30, 2009.
60. Invited talk entitled 'Amyloid beta, mitochondrial structural and functional dynamics in Alzheimer' Disease' at the Gordon Research Conference on Molecular and Cellular Bioenergetics to be held at Proctor Academy, Andover, New Hampshire, June 7-12, 2009.

2008

61. Invited talk entitled 'Mitochondria in Aging and Alzheimer's Disease' at the Neurology Department, Oregon Health and Science University, April 21, 2008.

2007

62. Invited talk entitled 'Amyloid beta and mitochondrial dysfunction in the development and progression of Alzheimer's disease: implications for mitochondrial therapeutics' at 5th International Congress on Vascular Dementia held at Budapest, Hungary November 8-11, 2007.
63. Invited seminar entitled 'Mitochondrial Dysfunction in Aging and Alzheimer's disease: Strategies to Protect Neurons' at the Neuroscience and Neurology Department, Cornell University, New York, July 17-18, 2007.

2003

64. Invited seminar on Alzheimer's disease entitled 'Gene expression profiles of transcripts in amyloid precursor protein transgenic mice: up-regulation of mitochondrial and apoptotic genes is an early cellular change in Alzheimer's disease' at the Biology Department, University of Oregon, Eugene in October 2003.

2001

65. Invited seminar on Alzheimer's disease entitled 'Gene expression profiles in Alzheimer's disease patients' at the Oregon National Primate Research Center, Oregon Health Sciences University, April 17, 2001.

2000

66. Invited seminar on 'Gene expression profiles of transcripts in Alzheimer's disease' at the Alzheimer's Disease Center, Oregon Health Sciences University, Portland, Oregon, on January 2000.

1999

67. Invited seminar on Huntington's disease entitled 'Transgenic mouse models for Huntington's disease: Mechanisms of neurodegeneration and psychosis' at the Neurological Sciences Institute Oregon Health Sciences University, Portland, Oregon, on October 13, 1999.
68. Invited seminar on Huntington's disease entitled 'In Vivo Models for Huntington's disease' at the Sanders Brown Center on Aging, University of Kentucky, Lexington, March 22, 1999.
69. Invited seminar on Huntington's Disease entitled 'Mouse Models for Huntington's disease' at the McLaughlin Research Institute, Great Falls, Montana on June 4, 1999.

Oral Presentations

Mao, P, Manczak M, Shree D and **Reddy PH**. Mitochondrial structural and functional changes caused by amyloid beta in Alzheimer's disease. Paper presented at International Conference on Alzheimer's disease held at Vienna, Austria. July 11-16, 2009.

Reddy PH and Manczak M**.** Neuroprotection by mitochondrially targeted antioxidants in Alzheimer' disease. Paper presented at Neuroscience meeting held in Washington, DC, November 15-19 2008.

Whetsell, Jr. WO, **Reddy PH**, Charles V and Tagle DA (1999). Evaluation of Neuropathologic changes in striatum and cerebral cortex of transgenic mice expressing full-length human cDNA: A new model for Huntington's disease. Paper presented at the Annual meeting of the American Association of Neuropathologists held Portland, Oregon, June 17-20, 1999.

Reddy PH, Charles V, Ayoub J, Whetsell, Jr.,WO, Miller G and Tagle DA (1999). Characterization of Mouse Models for Huntington's disease. Paper presented at 2nd International Conference on Unstable Microsatellites and Human Disease, Chapel Hill, North Carolina, April 17-20, 1999.

Reddy PH, Williams M, Charles V, Whetshel Jr., WO, Garrett L, Buchanan LP, Miller G and Tagle, DA (1998). Selective neuronal loss and behavioural anomalies in HD transgenic mice expressing mutated full-length cDNA. Presented at Mouse Molecular Genetics, abstract no=327. Cold Spring Harbor Laboratory, New York, September 2-6, 1998.

Reddy PH, Williams M, Miller G, Glass M, Paylor R, Garrett L, Herkenham M, Crawley J and Tagle DA (1997). Transgenic mouse models for Huntington's disease. Paper presented at 47th Annual meeting of American Society of Human Genetics held at Baltimore, Maryland, October 28 – November 1, Vol 61, No 4 abstract no=274.

Reddy PH, Williams M, Miller G, Stockburger E and Tagle DA (1997). Transgenic mouse models for Huntington's disease. Paper presented at Annual Scientific retreat of National Human Genome Research Institute, August 19-20, 1997.

Reddy PH, Petrou M, Tiwary RS, Reddy PA and Modell B (1993). Hereditary anaemias and consanguinity among the tribal population of Central India. Paper presented at 5th International Conference on Thalassaemias and haemoglobinopathies held at Cyprus, March 29 – April 4. 1993.

Gupta RB, Pandey PL, **Reddy PH**, Kumar D, A Pathak and RS Tiwary. Hereditary anaemias and matting pattern among the Saharias (a tribal population) of Madhya Pradesh, India. Paper presented at 17th Annual meeting of Indian Society of Human Genetics held at Bhuvaneshwar, December 17-20, 1992.

Reddy PH, and Ghosh PK (1990). Spontaneous and chemically induced tissue specific differences in the frequency of in vivo sister chromatid exchange in Albino Swiss mice. Paper presented at 15th Annual conference of Indian Society of Human Genetics held at Madras January 18-20, 1990.

Reddy PH and Sekhar AC (1990). A genetic study of "Mala" population of Andhra Pradesh, India. Paper presented at 15th Annual conference of Indian Society of Human Genetics held at Madras, January 18-20, 1990.

Poster Presentations in Reverse Chronological Order

2019

Kumar S, Reddy PA, Yin X and **Reddy PH**. Novel microRNA-455-3p and its protective effects against abnormal APP processing and amyloid beta toxicity in Alzheimer's disease. Poster presented at the Annual Meeting of Society for Neuroscience, Chicago, October 19-23, 2019.

Vijayan M and **Reddy PH** (2019) Novel microRNA PC-5P-12969 and ischemic stroke**.** Poster presented at the Annual Meeting of Society for Neuroscience, Chicago, October 19-23, 2019.

Pradeepkiran JA and **Reddy PH** (2019) Structure based design and molecular docking studies for phosphorylated tau inhibitors in Alzheimer's disease**.** Poster presented at the Annual Meeting of Society for Neuroscience, Chicago, October 19-23, 2019**.**

2018

George E, Oliver D, and **Reddy PH**. Can Healthy Diets, Regular Exercise and Better Lifestyle Delay the Progression of Dementia in Elderly Individuals? Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Oliver E, and **Reddy PH**. Mitochondria Targeted Molecules as Therapeutic Agents against Alzheimer's Disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Pradeepkiran JA, and **Reddy PH**. Whole transcriptome analysis dissecting the differential gene expression profiles of Alzheimer's disease samples with next generation sequencing method - RNA-Seq. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Pradeepkiran JA, and **Reddy PH**. Structure based design and molecular docking studies for phosphorylated tau inhibitors in Alzheimer's disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Pradeepkiran JA, Yin X, Reddy PA, Manczak M and **Reddy PH**. Protective Effects of BACE1 Inhibitory Ligand Against Amyloid Beta-Induced Synaptic and Mitochondrial Toxicities in Alzheimer's Disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Reddy PA and **Reddy PH**. Ignored Brain Region 'The Brainstem' in the Progression and Pathogenesis of Alzheimer's Dementia: Gender-Based Data from Human and Rhesus Macaques. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Vijayan M, Kumar S, Cengiz P, Karamyan VT and **Reddy PH**. Expression level of novel miRNA PC-5P 12969 in two different in vivo stroke models. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Kumar S, Vijayan M, Reddy PA, Yin X and **Reddy PH**. MicroRNA-455-3p regulates amyloid precursor protein processing, mitochondrial biogenesis and synaptic activity in Alzheimer's disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Arandia G and **Reddy PH**. Alzheimer's disease and other Dementias: Review of Epidemiological Data and Promising Interventions. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Kandimalla R, Manczak M, Yin X and **Reddy PH**. Abnormal Mitochondrial Dynamics and Defective Synapses: Protective Role of Reduced Dynamin-related protein 1 in Alzheimer's disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Manczak M, Kandimalla R, Yin X, Vijayan M, Kurvva CS, Kumar S, **Reddy PH**. Reduced dynamin related protein 1 mitigates mitochondrial fragmentation, elevates spatial learning and memory functions and elevates dendritic spines in APP transgenic mice. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Willms J, Ramasubramanian R, Sawant N and **Reddy PH**. Protective Effects of DDQ Against Mutant Huntingtin-induced Mitochondrial and Synaptic Toxicities in Huntington's disease Striatal Neurons. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Yin X, Reddy AP, Kumar S and **Reddy PH**. Protective Role of Citalopram Against Amyloid Beta-induced Mitochondrial, Autophagy and Synaptic Toxicities in Alzheimer's disease. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Ramasubramanian B, Burugu D, Yin X, Boles AN and **Reddy PH**. Analysis of Blood-based Biomarkers to Detect Cognitive Decline Among The Residents of Rural West Texas – Project FRONTIER Data. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Lopez V, Boles AN, **Reddy PH**. An Assessment – Texas Healthy Communities Program. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Boles AN, **Reddy PH**, PhD, Lopez V, Arandia G, PhD, Carrasco R, Aguirre C. Project FRONTIER: Study Protocol. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Lopez V, Thompson S, Boles AN, MS, Carrasco R, Aguirre C, Blackmon J, **Reddy PH**. Healthy Lubbock Workshops. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Boles AN, Lopez V, Ament C, Blackmon J, Thompson S and **Reddy PH**. TTUHSC Garrison Institute on Aging – Community Outreach Programs Healthy Lubbock Programs. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Ament C, Boles AN, MS, Blackmon J and **Reddy PH**. Lubbock Retired & Senior Volunteer Program. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Bass K and **Reddy PH**. The lysosomal-mitochondrial axis and neurodegeneration in Alzheimer's disease: dissecting molecular mechanisms. Abstract submitted and poster presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Kumar S and **Reddy PH**. MicroRNA-455-3p as a potential peripheral biomarker and therapeutic target for Alzheimer's disease. Oral abstract submitted and presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Vijayan M and **Reddy PH**. Novel microRNA PC-5P-12969 as Potential Peripheral Biomarker for Ischemic Stroke. Oral abstract submitted and presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

Arandia G and **Reddy PH**. The Impact of Chronic Diseases on Aging: a look at epidemiology, risk factors, and programmatic efforts for chronic disease prevention. Oral abstract submitted and presented at the Regional Healthy Aging and Dementia Research Symposium held at Lubbock TX, October 24-25, 2018.

2017

Manczak M, R Kandimalla, Yin X, Vijayan M, Kuruva CS, Kumar S and **Reddy** PH (2017) Reduced dynamin-related protein 1 mitigates mitochondrial fragmentation, elevates spatial learning and memory functions and elevates dendritic spines in APP mice. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Kandimalla R, Manczak M, Yin X, Vijayan M, Kuruva CS, Kumar S and **Reddy** PH (2017) A partial loss of dynamin-related protein 1 enhances dendritic spines, reduces fragmented mitochondria and increases hippocampal based cognitive function in mutant Tau mice. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Kuruva CS, Manczak M, Yin X, Ogunmokun G, Reddy PA and **Reddy** PH (2017) Aqua-Soluble DDQ Reduces the levels of Drp1 and Amyloid Beta and Inhibits Abnormal Interactions of Amyloid Beta and Dynamin Related protein. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Bhatti JS, Tamarai K, Pradeepkiran AJ, and **Reddy PH** (2017) Oxidative stress and mitochondrial dysfunction in TALLYHO/JngJ mice - a common link between type 2 diabetes, obesity and Alzheimer's disease. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Vijayan M, Kumar S and **Reddy PH** (2017) Identification of novel circulatory microRNA signatures linked to patients with stroke. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Kumar S, Vijayan M and **Reddy PH** (2017) MicroRNA-455-3p as a potential peripheral biomarker for Alzheimer's disease. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Pradeepkiran JA and **Reddy PH** (2017) Pharmacophore based screening and molecular docking probing the novel inhibitors against BACE1 of Alzheimer's disease. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Reddy PA, Yin X, Manczak M, Ogunmokun G, Bethea C and Reddy **PH** (2017) Mutant APP and Tau Toxicities in Serotonergic and Non-serotonergic Neurons and Protective Effects of Citalopram. Abstract submitted and poster presented at the Annual Meeting of Society for Neuroscience held at Washington DC, November 11-16, 2017.

Williams J, Smith F, Kumar S, Vijayan M and **Reddy PH** (2017) Differential expression of microRNAs in the skeletal muscles of mice with aging. Poster presented at the 29th Annual Student Research Week, March 7-10, 2017.

Smith F, Williams J, Kumar S, Vijayan M and **Reddy PH** (2017) Upregulation of microRNAs in the brains of mice with aging. Poster presented at the 29th Annual Student Research Week, March 7-10, 2017.

Aquino A, Anya A, Jacob A, Mende S, Boles A, Khan HM, **Reddy PH** (2017) Coronary Heart Disease in Rural West Texas. Poster presented at the 29th Annual Student Research Week, March 7-10, 2017.

2016

Boles AN, Khan H, Lenzmeier TA, Molinar-Lopez, VA, Ament JC, TeBrink KL, Stonum K, Gonzales RM, **Reddy PH** (2016) Impact of Exercise and Education in Adults of Lubbock, Texas: Implications for Better Lifestyle. Poster presented to the 28th Annual Student Research Week, March 8-11, 2016.

Mitchell A, Grady MK, Yin X, Manczak M and **Reddy PH** (2016) Glycogen Synthase Kinase 3b Inhibitor, IM-12 Protects Against Amyloid Beta, Synaptic and Mitochondrial Toxicities in Alzheimer's Disease Neurons. Abstract submitted to 28th Annual Student Research Week, March 8-11, 2016.

Reddy PA, Manczak M, Yin X, **Reddy PH** (2016) Protective Effects of Selective Serotonin Reuptake Inhibitors and Neurosteroids Against Alzheimer's Disease Neurons. Abstract submitted to Alzheimer's Association International Conference, July 24-28, 2016, Toronto, Canada.

2015

Reddy PH, Manczak M, Kandimalla R, Yin X, Pandey AK, Kuruva CS, (2015) Synaptic Gene Expression Analysis of Autopsy Brains From Garrison Institute on Aging Brain Bank: Eva-Green Biochemistry Based Real-time RT-PCR Detects mRNA levels Better Than Sybr-Green. Abstract submitted to the Annual Meeting of Society for Neuroscience held at Chicago, October 17-21, 2015.

Yin X, Manczak M, Kandimalla R, AK Pandey, CS Sekhar, S Yeguvapalli, and **Reddy PH** (2015) Mitochondrial Division Inhibitor 1 and Mitochondria-Targeted Molecules MitoQ and SS31 Protects Against Mutant Htt-induced Mitochondrial toxicities in Huntington's Disease Neurons. Abstract submitted to the Annual Meeting of Society for Neuroscience held at Chicago, October 17 21, 2015.

Manczak M, R Kandimalla, Pandey AK, Yin X, Kuruva CS, Yegavapalli S, Fry D, Osborn C and **Reddy** PH (2015) Reduced Dynamin-related Protein 1 Protects Against Amyloid Beta, Mitochondrial Toxicities and Synaptic Damage in Alzheimer's Disease. Abstract submitted to the Annual Meeting of Society for Neuroscience held at Chicago, October 17-21, 2015.

Kandimalla R, Manczak M, Pandey AK, Yin X, Kuruva CS, Yegavapalli S, Fry D, Osborn C and **Reddy PH** Reduced Dynamin-related Protein 1 Protects Against Phosphorylated Tau, Mitochondrial Dysfunction and Synaptic Damage in Alzheimer's Disease. Abstract submitted to the Annual Meeting of Society for Neuroscience held at Chicago, October 17-21, 2015.

Reddy PH and Manczak M (2015) Mitochondrial division inhibitor 1 protects against mutant huntingtin induced mitochondrial dynamics and neuronal damage in Huntington's disease, Translational Science 2015, Washington, D.C., April 2015.

2014

Manczak M, **Reddy PH**. RNA silencing of genes involved in Alzheimer's disease enhances mitochondrial function and synaptic activity. Poster presented at Research, OHSU Week, May 2014.

Mao P, Manczak M, Shirendeb UP, **Reddy PH**. MitoQ, a mitochondria-targeted antioxidant, delays disease progression and alleviates pathogenesis in an experimental autoimmune encephalomyelitis mouse model of multiple sclerosis. Abstract submitted to present a poster at Research Week, May 2014.

2013

Shirendeb UP, Calkins MJ, Manczak M, Anekonda V, Dufour B, McBride JL, Mao P and **Reddy PH**. Mutant huntingtin's interaction with mitochondrial protein, Drp1 impairs mitochondrial biogenesis and causes defective axonal transport and synaptic degeneration in Huntington's disease. Poster presented at Research Week, OHSU, May 2013.

Manczak M, **Reddy PH**. Abnormal interaction of VDAC1 with amyloid beta and phosphorylated tau causes mitochondrial dysfunction in Alzheimer's disease. Abstract submitted to present the poster at Research Week, OHSU, May 2013.

Manczak M, **Reddy PH**. Abnormal interaction of oligomeric amyloid beta with phosphorylated tau: Implications to neuronal damage and synaptic dysfunction in Alzheimer's disease. Poster presented at Research Week, OHSU, May 2013.

2012

Manczak M, Calkins MJ, **Reddy PH**. Impaired mitochondrial dynamics and abnormal interaction of amyloid beta with mitochondrial protein Drp1 in neurons from patients with Alzheimer's disease: implications for neuronal damage. Poster presented at Research Week, OHSU, May 10-12, 2012.

Reddy TP, Manczak M, Calkins MJ, Mao P, Reddy AP, Shirendeb U, Park B, **Reddy PH**. Toxicity of neurons treated with herbicides and neuroprotection by mitochondria-targeted antioxidant SS31. Poster presented at Research Week, OHSU, May 10-12, 2012.

Shirendeb U, Reddy AP, Manczak M, Calkins MJ, Mao P, Tagle DA, **Reddy PH**. Abnormal mitochondrial dynamics, mitochondrial loss and mutant huntingtin oligomers in Huntington's disease: implications for selective neuronal damage. Poster presented at Research Week, OHSU, May 10-12, 2012.

Calkins MJ, Manczak M, Mao P, Shirendeb U and **Reddy PH**. Impaired mitochondrial biogenesis, defective axonal transport of mitochondria, abnormal mitochondrial dynamics and synaptic degeneration in a mouse model of Alzheimer's disease. Poster presented at Research Week, OHSU, May 10-12, 2012.

Mao P, Manczak M, Calkins MJ, Troung Q, Reddy TP, Reddy AP, Shirendeb UP, Lo HH, Rabinovitch, **Reddy PH** (2012) Mitochondria-targeted catalase reduces abnormal APP processing, amyloid beta production, and BACE1 in a mouse model of Alzheimer's disease: Implications for neuroprotection and lifespan extension. Poster presented at Research Week, OHSU, May 10-12, 2012.

2010

Reddy PH and Manczak M (2010)**.** Differential expression of mitochondrial structural and amyloid beta related genes in Alzheimer's disease patients: implications to neuronal damage and cognitive decline. Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego November 13-17, 2010.

Manczak M and **Reddy PH (2010)**. Abnormal interaction of Drp1 with amyloid beta in neurons from Alzheimer's disease patients: Implications for mitochondrial fragmentation and neuronal damage. Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego, November 13-17, 2010.

Reddy TP, Calkins M, Manczak M, Mao P, Reddy AP and **Reddy PH** (201). Neuronal toxicity of pesticides and neuroprotection by mitochondrially targeted antioxidant SS31. Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego, November 13-17, 2010.

Mao P, Manczak M, Calkins MJ, Reddy AP, Rabinovich P and **Reddy PH** (2010). The effects of mitochondrially targeted catalase on amyloid beta pathology and mitochondrial function in amyloid beta precursor-protein transgenic mice. Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego, November 13-17, 2010.

Calkins MJ, Manczak M, Mao P, Shirendeb U, Protter AA and **Reddy PH** (2010). Synaptic and mitochondrial protection by Dimebon in primary neurons from amyloid beta precursor protein transgenic mice. Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego, November 13-17, 2010.

Shirendeb U, Reddy AP, Calkins MJ, Manczak M, Mao P and **Reddy PH (2010)**. Differential expression of mitochondrial structural genes in brain tissues from Huntington's disease patients: Implications for abnormal mitochondrial dynamics and selective neuronal damage Poster presented at the 40th Annual Meeting of the Society for Neuroscience held at San Diego, November 13-17, 2010.

2009

Reddy PH, Mao P, Manczak M, Rabinovitch P, Searles R and Reddy AP (2009). Mitochondrially targeted catalase increases the mRNA expression of neuroprotective genes and decreases amyloid beta toxicity: Evidence from a global gene expression study. Poster presented at the 39th Annual Meeting of the Society for Neuroscience held at Chicago, Ill, October 17-21, 2009.

Aliev G, Manczak M, Grant KA, and **Reddy PH (2009)**. Mitochondrial damage as a hallmark for liver and neuronal lesions during chronic ethanol self administration in cynomolgus monkeys. Poster presented at the 39th Annual Meeting of the Society for Neuroscience held at Chicago, Ill, October 17-21, 2009.

Reddy AP, Manczak M, McCue MM, Mao P, Grant KA and **Reddy PH (2009)**. Abnormal mitochondrial and longevity gene expression changes in ethanol self-administered cynomolgus monkeys. Poster presented at the 39th Annual Meeting of the Society for Neuroscience held at Chicago, Ill, October 17-21, 2009.

Mao P, Gallagher P, Nedungadi S, Kohama SG, Ferguson B, and **Reddy PH (2009)**. Mitochondrial DN deletions and differential mitochondrial DNA content in Rhesus monkeys: Implications for aging. Poster presented at the 39th Annual Meeting of the Society for Neuroscience held at Chicago, Ill, October 17-21, 2009.

Manczak M (2009), Mao P, Nakamura K, Bebbington C, Park B and **Reddy PH (2009)**. Neutralization of granulocyte macrophage colony stimulating factor decreases amyloid beta 1-42 and suppresses microglial activity in a transgenic mouse model of Alzheimer's disease. Poster presented at the 39th Annual Meeting of the Society for Neuroscience held at Chicago, Ill, October 17-21, 2009.

2008

Reddy PH, Manczak M and Zhao W (2008) Mitochondrially targeted antioxidant therapeutics in Alzheimer's disease. Poster presented at 11th International Conference on Alzheimer' disease Chicago, July 30, 2008.

Manczak M, Denmark D, Buckb KJ and **Reddy PH**. Mitochondrial fission and fusion imbalance in ethanol treatment. Poster presented at Neuroscience meeting, Washington, DC, November 15-19, 2008.

Mao P, **Reddy PH** and Thuillier P (2008) Cellular protection of cocaine and amphetamine regulate transcript via its antioxidative property in human cells. Abstract submitted to American Heart Association meeting held in New Orleans, Louisiana, November 8-11, 2008.

2006

Anekonda TS, Manczak M, Park BS , Henson E, Quinn Q and **Reddy PH** (2006) Mitochondria are a direct site of Ab accumulation in Alzheimer's disease: implications for free radical generation and oxidative damage in disease progression. Poster presented at 37th Annual meeting of American Society of Neurochemistry held at Portland, Oregon, March 11-16, 2006.

2004

Reddy PH, Gutala R, Mani G, Murdoch G, Kaye JA, Tagle DA, Yang R (2004). Role of cytoskeletal protein Synaptopodin in late-onset Alzheimer's disease patients. Poster presented at the 57th Annual Scientific Meeting of Gerontological Society of America (Reddy et al 2004 Abstract #6.42) held at Washington, DC, November 19-23, 2004.

Manczak M, Park BS, Jung Y, Partovi D and **Reddy PH (2004)**. Differential expression of oxidative phosphorylation genes in patients with Alzheimer's disease: Implications for early mitochondria dysfunction and oxidative damage. Poster presented at the 32nd Annual Meeting of the Society for Neuroscience held at San Diego, October 23-27, 2004.

Reddy PH, Manczak M, Partovi D, Jung Y and Park BS (2004). Age-related Mitochondrial Gene Expressions In Mice: Implications to Mitochondrial Dysfunction and Oxidative Dame in Aging Brain. Poster presented at the 32nd Annual Meeting of the Society for Neuroscience held at San Diego, October 23-27, 2004.

Reddy PH, McWeeney S, Park BS, Manczak M, Gutala RV, Jung Y, Yau V, Searles R, Mori M and Quinn J (2004). Gene expression Profiles of Amyloid Precursor Protein Transgenic Mice: Up regulation of Mitochondrial Metabolism

and Apoptotic Genes Is an Early Cellular Change in Alzheimer's disease. Poster presented at the 9th International Conference on Alzheimer's disease and related disorders held at Philadelphia, July 17-22, 2004.

Reddy PH, Manczak M, Partovi D, Y Jung Y (2004). Up-regulation of mitochondrial genes in the brains of amyloid precursor protein transgenic mice and Alzheimer's disease patients: implications for early mitochondrial dysfunction and oxidative damage. Poster presented at the Mitochondria and Neuroprotection Symposium held at Ft. Lauderdale, FL, April 16-19, 2004.

2002

Mani G, Gutala R, Murdoch G, Whetsell Jr WO, Kaye JA and **Reddy PH** (2002). Differential Loss of Synaptic Elements in Alzheimer's disease. Poster Presented at the 32nd Annual Meeting of the Society for Neuroscience (#748.12) held at Orlando, Florida, 2-7 November 2002.

Gutala R, Mani G, Yang R, Kaye JA and **Reddy PH** (2002). Down-regulation of the Synaptopodin Gene in Alzheimer's disease. Poster Presented at the 32nd Annual Meeting of the Society for Neuroscience (#748.12) held at Orlando, Florida, 2-7 November 2002.

Reddy PH, Quinn J, Gutala R, Mani G, Reddy PA, Kaye JA (2002). Gene Expression Profiles in Amyloid Precursor Protein Transgenic Mice. Poster Presented at the 32nd Annual Meeting of the Society for Neuroscience (#748.12) held at Orlando, Florida, 2-7 November 2002.

2001

Reddy PH, Yang R, Murdock G, Kaye JA and Mani G (2001). Role of cytoskeletal protein Synaptopodin in late onset Alzheimer's disease Pathogenesis. Poster presented at the 31st Annual meeting of Neuroscience held in San Diego, November 10-15, 2001.

Seatorov VV, Charles V, **Reddy PH**, Tagle DA and Chuang DM. Abnormal Expression of Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) in a Transgenic Mouse Model of Huntington's disease. Poster presented at the 31st Annual meeting of Neuroscience held in San Diego, November 10-15, 2001.

2000

Reddy PH, Teng S, Manickam P, Yu P, Khan J, Runyons C, Zahorchak R, Markesbery W, Elkahloun A and Tagle DA (2000). Differential Expression of Genes in Alzheimer's disease. Poster presented at the 30th Annual meeting of Neuroscience held at New Orleans, Louisiana, November 4-9, 2000, QQ-34: 83.4

Guidetti P, **Reddy PH**, Tagle DA and Schwarcz R (2000). Early Kynurenergic impairment in Huntington's disease and in atransgenic mouse model. Poster presented at the 30th Annual meeting of Neuroscience held at New Orleans, Louisiana, November 4-9, 2000, QQ-26: 480.10.

Young T, Mezey E, **Reddy PH**, Dehejia A, Charles V, Polymeropoulos MH, Brownstein MJ, and Tagle DA (2000). Alpha-synuclein immunoreactivity of Huntington polyglutamine aggregates in striatum and cortex of Huntington's disease patients and transgenic mouse models. Poster presented at the 30th Annual meeting of Neuroscience held at New Orleans, Louisiana, November 4-9, 2000, QQ38:578.12.

1999

Reddy PH, Charles V, Williams M, Ayoub J, Whetsell Jr. WO, Miller G and Tagle DA (1999). Analysis of transgenic mouse models for Huntington's disease. Poster presented at 18th International meeting of the World Federation of Neurology Research Group on Huntington's disease and 13th International meeting of the International Huntington's Association held in Kurhaus Hotel, The Hague, Netherlands. 28th August to 2nd September 1999.

Reddy PH, Charles V, Ayoub J, Williams M, Miller G, Whetsell Jr. WO, and Tagle DA (1999). Behavioral and neuropathological abnormalities in transgenic mouse models for Huntington's disease. Poster presented at Gordon Research Conference on Human Molecular Genetics at Salve Regina University, Newport, Rhode Island, August 8-13, 1999.

Reddy PH, Charles V, Ayoub J, Williams M, Miller G, Whetsell Jr. WO, and Tagle DA (1999). Sequences flanking mutant polyglutamine repeat may play a role in selective neuronal loss. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Tagle DA, Charles V, Ayoub J, Romantseva L, and **Reddy PH** (1999). Behavioral analyses of full-length (1-67 exons) and truncated (1-3 exons) transgenic mouse models for Huntington's disease. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Whetsell, Jr. WO, Charles V, **Reddy PH**, and Tagle DA (1999). Neuropathological changes in the striatum and cerebral cortex of transgenic mice expressing full-length huntingtin protein. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Charles V, **Reddy PH**, Whetsell Jr. WO, Ayoub J, and Tagle DA (1999). Neurochemical and morphological changes in Huntington's disease transgenic mice expressing mutated full-length huntingtin protein. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Guidetti P, Charles V, **Reddy PH**, Ayoub J, Schwarcz R and Tagle DA (1999). Mitochondrial energy metabolism in a full-length cDNA transgenic model of Huntington's disease. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Chen EY, Charles V, **Reddy PH**, Tagle DA and Kordower JH (1999). Intermediate stage heterozygote mice with expanded CAG repeats do not display a loss of striatal neurons. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

Charles V, Guidetti P, **Reddy PH**, Ayoub J, Schwarcz R and Tagle DA (1999). Examination of energy metabolism defects in full-length cDNA transgenic model of Huntington's disease. Poster presented at the 29th Annual meeting of Society for Neuroscience held in Miami, Florida, October 23-28, 1999.

1998

Reddy PH, Williams M, Wangsa D, Ried T and Tagle DA (1998). A novel human chromosome 9 specific alpha satellite sequence. Poster presented at 48th Annual meeting of the American Society of Human Genetics, Denver, Colorado, October 28 – November 1, 1998, Vol 63, 4, abstract no=837.

Kim, M, Laforet G, Lee HS, Chang P, McIntyre C, Martin EM, Kim TW, Williams M, **Reddy PH**, Tagle DA, Boyce FM, Won LA, Heller A, Aronin N and DiFiglia M (1998). Mutant huntingtin expression in immortalized striatal neurons and the effect of caspase inhibitors. Poster presented at the 28th Annual meeting of Society for Neuroscience, Poster 379.2, Los Angeles, CA, November 7-12, 1998.

Laforet GA, Lee HS, Cadigan B, Chang P, Chase KO, Sapp E, Martin EM, McIntyre C, Williams M, **Reddy PH**, Tagle DA, Stein JS, Boyce FM, DiFiglia M, and Aronin N. Development and characterization of a novel transgenic model of Huntington's disease which recapulates features of the human illness. Poster presented at 28th Annual meeting of Society for Neuroscience, Poster 380.8 Los Angeles, CA, November 7-12, 1998.

Reddy PH , Williams M, Wangs A, Ried T and Tagle DA (1998). A novel human chromosome 9 specific alpha satellite sequence. Poster presented at 5th Annual Scientific retreat of National Human Genome Research Institute, held at Airlie Center, Airlie, Virginia, September 17-18, 1998.

Reddy PH, Williams M, Charles V, Garrett L, Romantseva L, Buchanan LP, Whetsell Jr., WO, Miller G and DA Tagle DA (1998) . Selective neuronal loss and behavioral abnormalities in mutated full-length Huntington's disease transgenic mice. Poster presented at 5th Annual scientific retreat of National Human Genome Research Institute, held at Airlie Center, Airlie, Virginia, September 17-18, 1998.

Mosbrook DM, **Reddy PH**, Williams M, Sorenson SA and Tagle DA (1998). Towards Identification of autosomal dominant pure spastic paraplegia (ADSP) in chromosome 2p21-24. Poster presented at 5th Annual scientific retreat of National Human Genome Research Institute, held at Airlie Center, Airlie, Virginia, September 17-18, 1998.

Charles V, **Reddy PH**, Williams M, Romantseva L and Tagle DA (1998). Molecular and Neuropathological changes in transgenic mouse model for Huntington's disease. Poster presented at 5th Annual scientific retreat of National Human Genome Research Institute, held at Airlie Center, Airlie, Virginia, September 17-18, 1998.

1997

Liu YF, **Reddy PH**, Buchanan LP, Deth R, Zon L and Tagle DA (1997). Expression of the huntingtin mutant activates JNK/SAPK and induces neuronal apoptosis. Poster presented at 27th Annual meeting of Society for Neuroscience, New Orleans, LA, October 25-30, 1997.

1996

Reddy PH, Stockburger E, Wilderson J, Ellison J, Gillevet P and Tagle DA (1996). Oligo capture and characterization of CAG repeat containing cDNAs from adult human brain. Poster presented at 6th Annual meeting of American Society of Human Genetics held at San Francisco, CA, and October 29-November 2, 1996, Poster 1626, Vol 59, 4.

Reddy PH, Buchanan LP and Tagle DA (1996). Generation of transgenic mice for Huntington's disease. Poster presented at scientific retreat of National Center for Human Genome Research held at Airlie, Virginia, September 11-12, 1996.

1995

Reddy PH, Buchanan LP and Tagle DA (1995). Towards the development of a YAC transgenic mouse model for Huntington's disease. Poster presented at scientific retreat of National Center for Human Genome Research held at Airlie, Virginia, September 12-13, 1995.

Kaeda JS, Chotray GP, **Reddy PH**, Stevens D, Britt RP, Vulliamy T, Luzzatto L and Mason PJ (1995). Molecular genetics of G6PD deficiency in India. Poster presented at the Annual scientific meeting of British Society of Haematology, Brighton, UK, April 3-April 6, 1995, British Journal of Haematology vol. 89, supplement 1.

1993

Reddy PH and Modell B (1993). Population genetics of aboriginal population "the Baiga" of Madhya Pradesh, India. Poster presented at the postgraduate student exhibition at University College London (UCL), London, June 24, 1993.

Petrou M, **Reddy PH**, Fitches A and Old JM (1993). Alpha Thalassaemias and the Beta S in the Baiga tribe of central India. Poster presented at 5th International conference of Thalassaemias and Haemoglobinopathies held at Cyprus, March 29-April 4, 1993.