

Invited Seminars, Talks and Plenary Lectures at National and International Conferences/Meetings

1. Invited talk 'Protective Role of Reduced Drp1 in Alzheimer's Disease' by Dr. Kim Tieu, Florida International University, March 28, 2019.
2. 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.
3. Invited talk 'Reduced Dynamin-related Protein 1 and Neuroprotection in Alzheimer's Disease' by Dr. David Kang, University South Florida, Tampa, November 2, 2018.
4. Invited talk 'What We Learned About Alzheimer's Synapses and Mitochondria' by Dr. Lisa Stanek, Neuroscience Division, Sanofi, Boston, MA September 5, 2018
5. 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.
6. 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.
7. 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
8. Invited talk 'Synaptic Mitochondrial Damage in Alzheimer's Disease' by Dr. Krishna Bhatt, Professor of Cell Biology and Neuroscience Department, University of Medical Branch, Galveston, TX, December 6, 2017.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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
16. 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.
17. 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.
18. Invited seminar entitled 'Mitochondria-Targeted Molecules As Potential Therapeutic Targets' at the Alzheimer's Association International Conference, July 24-28, 2016, Toronto, Canada.
19. 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.
20. Invited presentation entitled 'Is Mitochondrial Impairment A Key Factor For Aging and Alzheimer's Disease? on January 11, 2016 at Sri Venkateswara University, Tirupathi, India.

21. Invited seminar entitled 'Advances in Alzheimer' Neurology & Epilepsy Grand Round Series on Wednesday, December 2nd, 2015 at the Overton Hotel & Conference Center in Lubbock, TX.
22. Invited Healthy Aging Seminar entitled 'Can Healthy Diets, regular exercise and better lifestyle can delay progression of dementia in elderly individuals? Garrison Institute on Aging Healthy Aging Lecture Series, November 18, 2015.
23. 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.
24. 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.
25. Invited talk entitled 'Stress, Dysfunction & Aging: Culprit Affecting Our Cells.... Garden & Arts Center at 44th St. and University Ave. Lubbock, September 22, 2015.
26. Invited talk entitled 'Defective Synapses and Mitochondrial Dysfunction' at Faculty Retreat, TTUHSC, Lubbock, September 11, 2015.
27. 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
28. 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.
29. 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.
30. Invited talk entitled 'Mitochondria, Oxidative Stress and Neurodegenerative Diseases', Neurology Department, Texas Tech University Health Sciences Center, Lubbock, Texas, April 27, 2015.
31. Invited talk entitled 'Inhibitors of Mitochondrial Fission as a Therapeutic Strategy for Diseases with Oxidative Stress and Mitochondrial Dysfunction', Mitochondrial Targeting & Toxicity, Cambridge Health Tech Conference, March 2015.
32. 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.
33. 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.
34. Invited Grand Round Lecture entitled 'Mitochondrial Dysfunction in Neurodegenerative Diseases' at Neurology Department, Texas Tech University Health Sciences Center, March 3, 2015.
35. Invited talk entitled 'Inhibitors of Mitochondrial Fission as a Therapeutic Strategy for Diseases with Oxidative Stress and Mitochondrial Dysfunction' at symposium –Mitochondrial Targeting & Toxicity organized by Cambridge Health Tech Conference, March 19-21, 2015
36. 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
37. 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
38. 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
39. 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
40. Invited talk entitled 'Mitochondrial Dysfunction in Alzheimer's Disease' at Texas Tech University Health Sciences Center, Lubbock, Texas on March 13, 2014.
41. 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.

42. 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.
43. 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.
44. 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 to be held at San Diego 7-8 November 2013.
45. 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.
46. 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.
47. Invited talk 'Drug Screening – Fusion/Fission Modulators' at the Neuromuscular Disorders of Mitochondrial Fusion and Fission to be held European Neuromuscular Center, in NH Naarden Hotel, The Netherlands, April 26-28, 2013.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. Invited talk entitled "Oxidative Stress and Mitochondria-Targeting Antioxidants" by EISA at Mitochondrial Advisory Symposium held at Hatfield, London, September 13-15, 2010.
56. 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.
57. 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
58. 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.
59. 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.
60. Invited talk entitled "Mitochondria in Aging and Alzheimer's Disease" at the Neurology Department, Oregon Health and Science University, April 21, 2008.
61. 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.

62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.