



Spotlight

A Keynote Presentation

by **P. Hemachandra Reddy, Ph.D.**

Second International Conference on Neurology and Brain Disorders

Dr. P. Hemachandra Reddy, Executive Director and Chief Scientific Officer of Garrison Institute on Aging and a Professor Cell Biology and Biochemistry and Neuroscience/Pharmacology and Neurology Departments of School of Medicine was invited to give a keynote talk at the 2nd International Neurology and Brain Disorders Conference (INBC), held at Rome, Italy June 4-6, 2018. Dr. Reddy presented a talk entitled ‘Abnormal Mitochondrial Dynamics and Defective Synapses: Protective Role of Reduced Dynamin-related protein 1 in Alzheimer’s Disease’ on June 5th. Dr. Reddy was honored with a certificate of recognition for his contributions to neurology and brain disorders at the conference.

Dr. Reddy explained how amyloid beta and phosphorylated tau damages mitochondria and synapses in neurons from patients with Alzheimer’s disease. He also presented compelling evidence that reduced levels of mitochondrial division protein ‘dynamin-related protein 1’ protects synapses and mitochondria in Alzheimer’s disease neurons. Currently, Dr. Reddy and his lab members are actively working on to develop drugs that can enhance synaptic sprouting and maintain mitochondrial ATP levels at synapses of Alzheimer’s disease neurons.

The INBC 2018 bring together a collection of investigators who are at the forefront of their field and will provide opportunities for junior scientists and graduate students to interactively present their work and exchange ideas with established senior scientists. The Neurology and Brain Disorders conference explores the entire breadth of Neurology with earlier and contemporary work and provides a critical review of the present state of the subject. INBC 2018 provides an international forum to intensify the information exchange and is an excellent opportunity for Researchers and Scientists in the domain of Neurology from around the world and to promote/present innovative ideas that will influence and foster continued research. The speakers and delegates come from academia, private and government laboratories across the world.

UPCOMING EVENTS

- **Care Partner Program – Lean on Me**
Program made possible by the Newby Family.
- Care Partners will learn how to properly care for their own health and care for their loved one that may be suffering from dementia and other chronic diseases. The Program will provide evidence-based information and support group sessions. Disease management, personal care management, dealing with behavioral issues, and partner self-care will be the main topics of discussion.
- Each Care Partner must call 806.743.7821 prior to the sessions and reserve his/her spot.
- Location of Care Partner Program: 6630 S. Quaker Suite G
- September 11. It Takes Two. Will teach a Care Partner about memory loss and how to better understand the dementia and other diseases associated with memory loss.
- Time: 11 am to noon
- **Workshop: Diabetes Self-Management Program (DSMP)**
- DSMP Program developed by Stanford University is highly researched, proven and an effective health and wellness program. Each workshop provides core skill practice with self-management tools like action planning, problem solving, physical activity, and nutrition.
- Fall Schedule TBA
- **Healthy Aging Lecture Series**
- The GIA organizes monthly lectures during the fall and spring semesters. Health professionals share their expertise with the community. The Lecture Series is held at Carillon Windsong – Caprock Room (4002 16th St.), and the presentations begin at 3 pm.
- Fall Theme: Mindfulness
- The Fall 2018 Schedule: September 26, October 24, November 28.
- Call 806.743.7821 for information regarding all programs.