Research Accomplishments

From the Dineley Lab:
- Dineley mentee W. Ryan Miller is scheduled to defend his thesis “PPARγ agonism attenuates cocaine seeking behavior via association with ERK MAPK”.
- Travel Fellowship was awarded to Dinely mentee Travis Urban, Y2 SOM Alzheimer’s Association International Conference, Copenhagen Denmark July 2014

From the Kayed Lab:
- Diana Castillo –Carranza a post- doctoral fellow at the Kayed lab won the Sealy Center for Vaccine Development (SCVD) travel award to attend the 8th Annual ISV and Vaccine Congress in Philadelphia, Pennsylvania from October 26-28, 2014.
- Julie Gerson, a PhD student at the Kayed Lab was awarded:
  2014- George Sealy Research Award in Neurology
  2014- Dr. and Mrs. Seymour Fisher Academic Excellence Award in Neuroscience
  2014- Alzheimer’s Association International Conference Travel Fellowship, Copenhagen Denmark

From the Kayed Lab (cont’d):
- Kelsey English, Cody Jeu, and Scott Shafiei, UTMB medical students performed research at the Kayed lab for Medical Student Summer Research Program (MSSRP-2014) and presented their work at the MSSRP Research Poster Session on June 25th.
- Kelsey English won the Best Neuroscience Poster award.
- Scott Shafiei won the award for Best Overall Poster -second place.

From the Taglialatela Lab:
- Michele Comerota from Dr. Taglialatela’s lab was awarded a NIEHS T32 Predoctoral Scholarship

From the Wairkar Lab:
- Ayeh Kashani and Samuel Haslam performed research in the Wairkar lab for Medical Student Summer Research Program (MSSRP-2014) and presented posters at MSSRP Research Poster Session on June 25th.

Publications

From the Dineley Lab:

From the Kayed Lab:

From the Wairkar Lab:
- Dr. Wairkar submitted a paper to PloS Genetics.
Extramural Presentations

**From the Dineley Lab:**
Two abstract presentations will be given at the Alzheimer’s Association International Conference, Copenhagen Denmark July 2014:

- GWAS LOAD loci signaling networks share similarities with Tg2576 mouse hippocampal networks affected during cognitive enhancement by PPARγ agonism with rosiglitazone – Drs. Larry Denner and Kelly Dineley
- PPARγ recruitment to active ERK during memory consolidation is required for Alzheimer’s disease-related cognitive enhancement.

**From the Kayed Lab:**
- June 16, 2014 Dr. Kayed gave the External Chair Seminar at University of South Florida Health Byrd Alzheimer’s Institute; Title: “Toxic Synergy Between Protein Aggregates: Amyloid-ß Oligomers, Secondary Amyloidosis and Tau Oligomers in Alzheimer’s Disease

**From the Kayed Lab (cont’d):**
- Julia Gerson’s abstract was selected for podium presentation at the Alzheimer’s Association International Conference, Denmark Copenhagen.

**From the Taglialatela Lab:**
- Dr. Taglialatela will be speaking and chairing a symposium at the Alzheimer’s Association International Conference, Copenhagen Denmark.
- Dr. Taglialatela was invited to speak at the University of Rome, Rome, Italy.
- June 2014- Dr. Taglialatela was invited to speak at the New York Institute for Basic Research in Developmental Disabilities, Staten Island, NY

Funding

- Dr. Dineley has submitted a R21, R36, R01, and was nominated to submit UTMB’s application to the Brain Research Foundation’s Scientific Innovators Award.
- Dr. Wairkar has submitted an R21 Grant.

Our Mission:

“To promote human health by developing innovative therapeutic approaches for neurodegenerative disorders through investigating and understanding the underlying cellular and molecular pathophysiological mechanisms”