



UT Southwestern is moving rapidly toward becoming a leader in unraveling the mechanisms of neurodegenerative disease and working toward treatment of these diseases. This is an opportunity to learn about your colleagues' ground-breaking research, to interact with them, to develop and explore your own ideas and to learn about funding opportunities here at UT Southwestern. You will also learn about the patient-related resources available through our federally funded UT Southwestern Alzheimer's Disease Center.

**Please join us on Friday, February 10th, 2012, 8:00 am – 4:00 pm**  
**UT Southwestern Alzheimer's Disease Center Symposium on: "Translational Research in Mechanisms of Neurodegeneration"**

Simmons Auditorium (NB2.200), 6000 Harry Hines Blvd., Dallas 75390. There is no charge for admission. Refreshments and lunch will be served. For program details and registration call [214-645-8844](tel:214-645-8844) or email [ADC@utsouthwestern.edu](mailto:ADC@utsouthwestern.edu) **RSVP by February 3, 2012**

**Review of events:**

Alzheimer's Disease Center of the University of Texas Southwestern Medical Center Symposium on "Translational Research in Mechanisms of Neurodegeneration"

**Friday, February 10, 2012 8:00 am - 4:00 pm**

- 8:00** Refreshments and Registration
- 8:20** Welcome and Greetings from the Alzheimer's Disease Center: Roger Rosenberg, MD, Director, UTSW Alzheimer's Disease Center
- 8:30** Welcome and Introductions: Greg Fitz, MD, Dean and Provost, UTSW  
*Neurotherapeutics of Neurodegenerative Disease: Mark Goldberg, MD, Chair*
- 8:40** Bruce Beutler, MD "How Inflammation Begins"
- 9:25** Andrew Pieper, MD, PhD " Neuroprotective Therapy for Neurodegenerative Disease"
- 9:55** Roger Rosenberg MD " DNA Vaccine as Preventive Therapy for Alzheimer's Disease"
- 10:25** Coffee Break
- 10:45** Craig Powell, MD. PhD " Autism and Degeneration of Synaptic Function: Molecules to Potential Therapies"
- 11:15** Joachim Herz, MD " Therapeutics for Neurodegenerative Disease"
- 11:45** Discussion
- 12:00** Lunch. Attendees are encouraged to browse posters and speaker with selected researchers and representatives from the Alzheimer Disease Center.

*Basic Neuroscience of Neurodegeneration: Joseph Takahashi, PhD, Chair*

- 1:00** James Malter, MD "Amyloid Precursor Protein Gene Regulation at the Synapse".
- 1:30** Philipp Scherer, PhD "Role of Peripheral Amyloid-beta in Mitochondrial Dysfunction"
- 2:00** Ilya Bezprozvanny, PhD "Presenilins, Calcium Signaling and Alzheimer's Disease"
- 2:30** Coffee Break
- 2:45** Gang Yu, PhD "Biology and Therapy of Alzheimer's disease and Frontotemporal Dementia"
- 3:15** Weichun Lin, PhD "Regulation of Synapse Formation by ApoE Receptors and Amyloid Precursor Protein"
- 3:45** Discussion