



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 **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