

SELECTED ADVANCES IN NEUROLOGIC DISEASES THROUGH BASIC SCIENCE

Aging and Dementia

S21.003, Wednesday, May 02, 2007, 2:30 PM, Ballroom A

Loss of Neprilysin Function Promotes Amyloid Plaque Formation and Precipitates Cerebral Amyloid Angiopathy
Wesley Farris

P07.074, Thursday, May 03, 2007, 11:30 AM - 2:30 PM, Exhibit Hall A

Chronic Nasal Administration of a Proteasome-Based Adjuvant Prevents B-Amyloid Accumulation Given at Early Stages in a Mouse Model of Alzheimer's Disease
Dan Frenkel

P07.067, Thursday, May 03, 2007, 11:30 AM - 2:30 PM, Exhibit Hall A

Statins Reduce Neurofibrillary-Tangles (NFT) Burden in a Transgenic (Tg) Mouse Model for Tauopathy and for Alzheimer's-Disease (AD)
Hanna Rosenmann

Anterior Horn

P01.083, Tuesday, May 01, 2007, 7:00 AM - 10:00 AM, Exhibit Hall A

Reductions in Motor Unit Number Estimates (MUNE) in a Mouse Lacking a Neuronal Calcium Pump, Plasma Membrane Calcium ATPase 2 (PMCA2)
Stella Elkabes

SC02.015, Friday, May 04, 2007, 9:00 AM - 5:00 PM, Grand Ballroom

Antisense Oligonucleotide Treatment Prolongs Survival in an ALS Rat Model
Timothy Miller

Cerebrovascular Disease

IN3-1.001, Wednesday, May 02, 2007, 2:00 PM - 6:00 PM, Room 210

The HMG Co-A Reductase Inhibitor, Pravastatin, Provides Acute Neuroprotection for CA1 Pyramidal Neurons Against Oxidative Stress through Intrinsic Neural Mechanisms
Kimberly Panizzon

IN3-1.003, Wednesday, May 02, 2007, 2:00 PM - 6:00 PM, Room 210

Normobaric Hyperoxia Extends the Reperfusion Window as Assessed by Quantitative Perfusion/Diffusion Weighted Imaging
Nils Henninger

IN3-2.003, Wednesday, May 02, 2007, 2:00 PM - 6:00 PM, Room 210

εPKC May Contribute to the Protective Effect of Hypothermia Against Focal Cerebral Ischemia
Takayoshi Shimohata

Epilepsy

S36.001, Wednesday, May 02, 2007, 3:45 PM, Room 304

A New Animal Model of Infantile Spasms: Genotypic, EEG and Behavioral Characterization
O. Carter Snead III

Movement Disorders

P03.001, Tuesday, May 01, 2007, 4:00 PM - 7:30 PM, Exhibit Hall A

Chronic FRA Proteins Are Involved in the Development of Motor Complications Associated with Long-Term Levodopa Therapy
Xuebing Cao

S60.003, Thursday, May 03, 2007, 3:45 PM, Room 304

Molecular Organization of Mitochondrial Respiratory Chain Complexes in a Huntington's Disease Mouse Model
Maria Damiano

MS and Related Diseases

S46.001, Thursday, May 03, 2007, 1:30 PM, Room 306

Expression of B7-H3 and B7-H4 in Experimental Autoimmune Encephalomyelitis
Yoshio Bando

S46.003, Thursday, May 03, 2007, 1:30 PM, Room 306

Anti-CD20 Mediated B-Cell Depletion Reverses EAE Induced by MOG Protein, but Exacerbates Disease Induced by Its Encephalitogenic Peptide
Martin S. Weber

S46.002, Thursday, May 03, 2007, 1:45 PM, Room 306

The Role of Reactive Astrocytes in Experimental Autoimmune Encephalomyelitis
Richard S. Peterson

Muscle Disease/Neuromuscular Junction

SC02.012, Friday, May 04, 2007, 9:00 AM - 5:00 PM, Grand Ballroom

A Long-term Blinded Controlled Efficacy Study of SNT-MC17Idebenone in the Dystrophin-Deficient MDX Mouse
Gunnar M. Buyse

Neural Repair/Rehabilitation

P04.141, Wednesday, May 02, 2007, 7:00 AM - 10:00 AM, Exhibit Hall A

rTMS, Stem Cells and Synaptic Plasticity
Domenica Crupi

Neurogenetics and Gene Therapy

P07.053, Thursday, May 03, 2007, 11:30 AM - 2:30 PM, Exhibit Hall A

Development of a Potent Viral Based Therapeutic for Alpha-Sarcoglycan Deficiencies
Louise R. Rodino-Klapac

Neuro-Oncology

P06.141, Thursday, May 03, 2007, 7:00 AM - 10:00 AM, Exhibit Hall A

Neural Progenitor Cells and Oligodendrocytes Are Highly Sensitive to Chemotherapy
Jorg Dietrich

Peripheral Nerve

S47.001, Thursday, May 03, 2007, 1:30 PM, Room 311

Altered Axonal Mitochondrial Transport in the Pathogenesis of Charcot-Marie-Tooth Disease
from Mitofusin 2 Mutations

Robert H. Baloh

S47.002, Thursday, May 03, 2007, 1:45 PM, Room 311

Krox20 Is Required for Myelinating Pathway Maintenance

Laurence Decker