

Cerebrovascular disease (Cerebral Microangiopathy3)

Chair : Shuhei Yamaguchi

Department of Neurology, Shimane University

Commentator : Kenzo Koizumi

Tokyo Dental College, Ichikawa General Hospital, Department of
Neurology

Pe-045-1 Biallelic COLGALT1 variants cause cerebral small vessel disease

Satoko Miyatake

Clinical Genetics Department, Yokohama City University Hospital, Japan / Department of
Human Genetics, Yokohama City University Graduate School of Medicine, Japan

Pe-045-2 RVCL-associated mutant TREX1 induces cell growth arrest

Shoichiro Ando

Department of Neurology, Brain Research Institute, Niigata University, Japan

Pe-045-3 Perivascular macrophage apolipoprotein E4 promotes neurovascular dysfunction and white matter damage

Yorito Hattori

Feil Family Brain and Mind Research Institute, Weill Cornell Medicine / Department of Neurology, National Cerebral and Cardiovascular Center, Japan

Pe-045-4 Genetic analyses of HTRA1 and CTSA in Japanese patients with cerebral small vessel disease

Hikaru Kamo

Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan

Pe-045-5 Analysis of cerebral small vessel pathology of SHR and SHR-SP rats

Abdullah Md Sheikh

Department of Laboratory Medicine, Shimane University faculty of medicine, Japan

Pe-045-6 Analysis of cerebral small vessel changes in AD model mice

Abu Shibly

Department of Laboratory Medicine, Shimane University Faculty of Medicine, Japan

Pe-046 English Poster Session 046

En

May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Dementia (Basic research1)

Chair : Makio Takahashi

Department of Neurology, Osaka Red Cross Hospital

Commentator : Daisuke Ito

Department of Neurology, Keio University School of Medicine

Pe-046-1 Cross-seeding effect of protein aggregates derived from foods on Aβ deposition in mouse brain

Tsuyoshi Hamaguchi

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Science, Japan

Pe-046-2 The role of microglial TAK1 in the Alzheimer's disease mouse model

Atsuko Katsumoto

Department of Neurology and Stroke Medicine, Yokohama City University Graduate School of Medicine, Japan / Stark Neuroscience Research Institute, Indiana University, USA

Pe-046-3 Autophagy upregulation and tau oligomer

Tadanori Hamano

Second Department of Internal Medicine, Division of Neurology, University of Fukui, Japan / Department of Aging and Dementia (DAD), University of Fukui, Japan

Pe-046-4 Two elderly cases of possible NIID; Clinical features and review of the literature

Yuta Tsuji

Osaka Red Cross Hospital, Japan

Pe-046-5 Effects of Genistein on cognitive impairment in vascular dementia experimental mice model

Rahul Kumar

Uttarakhand Technical University, India

Pe-047 English Poster Session 047

En

May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Dementia (Basic research2)

Chair : Noriyuki Matsukawa
Nagoya City University

Commentator : Hirohide Asai
Department of neurology, Shimada Clinic

Pe-047-1 Pathological analysis of p65 aggregates in granulovacuolar degeneration in diseases with tauopathy

Yuko Yamaguchi

Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-047-2 Time- and extent- dependent effect of neuronal activation on APP processing

Takanobu Ishiguro

Department of Neurology, Brain Research Institute, Niigata University, Japan

Pe-047-3 Association CD33 expression on microglia with toxic turn amyloid beta peptide 42 in APP-KI mice

Tomohiro Imamura

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

Pe-047-4 Reduction of theta oscillation in hippocampus of HCNP precursor protein knockout mice

Yuta Madokoro

Department of Neurology, Nagoya City University, Japan

Pe-048 English Poster Session 048

En

May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Dementia (Clinical research8)

Chair : Yumiko Motoi
Juntendo University School of Medicine

Commentator : Kaori Sakuishi
Department of Neurology, The University of Tokyo Hospital

Pe-048-1 The acceptance of assistive technologies for dementia patients and families in Taiwan

Howard (tzu-hao) Chao

Cardinal Tien hospital, Taiwan

Pe-048-2 Clinical and radiological features of adult-onset neuronal intranuclear inclusion disease

Yasuo Harigaya

Department of Neurology, Maebashi Red Cross Hospital, Japan

Pe-048-3 Neuroophthalmological evaluation of patients with neuronal intranuclear inclusion disease

Akihiko Mitsutake

Department of Neurology, The University of Tokyo Hospital, Japan

Pe-048-4 Memory clinic in multidisciplinary approaches at a hospital in Thailand

Supamat Amphol

Chiang Mai Neurological Hospital, Thailand

Pe-048-5 Clinical and psychometric characteristics of preclinical Alzheimer's disease in the J-ADNI

Ryoko Ihara

Unit for Early and Exploratory Clinical Development, The University of Tokyo Hospital, Japan
 / Department of Innovative Dementia Prevention, Graduate School of Medicine, The University of Tokyo, Japan

Pe-048-6 The differences in cognitive domain profile between early- and late-onset Alzheimer-type dementia

Manabu Tsumoto

Department of Neurology, JCHO Tokyo Takanawa Hospital, Japan

Pe-049 English Poster Session 049

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May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Parkinsonism and Related disorders (Basic research3)

Chair : **Taiji Tsunemi**

Department of Neurology, Juntendo University School of Medicine

Commentator : **Akio Kikuchi**

Department of Neurology, Tohoku University Graduate School of Medicine

Pe-049-1 Effects of Withania Someniferais On Mice Brain: A Therapeutic Drug for Parkinson's Disease

Sumit Rajput

Guru gobind singh indraprastha university, India

Pe-049-2 The a-syn protein levels affect multiple cellular pathways

Yuta Ishiguro

Juntendo University School of Medicine, Department of Neurology, Japan

Pe-049-3 Mutant DNAJC13 impairs clathrin-mediated endocytosis

Shun Yoshida

Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University Graduate School of Medicine, Japan

Pe-049-4 Cell biological analysis of VPS35 mutation using iPSCs
Keiko Bono
The Jikei University School of Medicine, Department of Neurology, Japan / The Jikei University School of Medicine, Division of Regenerative Medicine, Japan

Pe-049-5 Investigating the mechanisms of cell-type specific involvement and propagation in MSA
Tomoyuki Ishimoto
Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-049-6 ChPF family promotes neuroprotection in the presence of Parkin
Yukiko Maki
Department of Clinical Research, Tokushima National Hospital, Japan

Pe-050 English Poster Session 050

En

May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Parkinsonism and Related disorders (Walking and Posture3)

Chair : Hideto Miwa
MIWA CLINIC

Commentator : Tomoyuki Uchiyama
Department of Neurology, School of Medicine, International University of Health and Welfare / International University of Health and Welfare Ichikawa Hospital

Pe-050-1 TRUNK FLEXION ANALYSIS USING A MARKERLESS MOTION CAPTURE SYSTEM IN PARKINSON'S DISEASE PATIENTS
Noriko Kawashima
Kawashima Neurology Clinic, Japan

Pe-050-2 Striatal dopamine depletion correlates with variability of stride length in Parkinson's disease
Kosei Hirata
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

Pe-050-3 White matter lesions correlate with falling of Parkinson's disease patients
Shuro Kogawa
Department of Internal Medicine, Kohka Public Hospital, Japan

Pe-050-4 Determinants of body mass index in patients with Parkinson's disease: A multicenter study
Keisuke Suzuki
Department of Neurology, Dokkyo Medical University, Japan

Pe-050-5 Subthalamic stimulation inhibits bladder contraction by modulating medial prefrontal cortex
Tatsuya Yamamoto
Department of Neurology, Graduate School of Medicine, Chiba University, Japan / Department of Functional Anatomy, Graduate School of Medicine, Chiba University, Japan

Parkinsonism and Related disorders (cognition1)

Chair : Etsuro Mori

Department of Behavioral Neurology and Neuropsychiatry, Osaka University

Commentator : Wataru Sako

Department of Clinical Neuroscience, Institute of Biomedical Sciences, Tokushima University Graduate School, Tokushima

Pe-051-1 Pathophysiology of Micrographia in Parkinson's Disease

Shunsuke Kobayashi

Dept. Neurology, Fukushima Medical University, Japan

Pe-051-2 Neural correlates for different working memory loads in Parkinson's disease

Takaaki Hattori

Department of Neurology and Neurological Sciences, Tokyo Medical and Dental University, Japan

Pe-051-3 Phantom Bedside Intruder in Parkinsons Disease

Simon Kang Seng Ting

National Neuroscience Institute Singapore, Singapore

Pe-051-4 Fatigue is associated with the first-onset hallucinations in patients with Parkinson's disease

Masanori Ikeda

Department of Neurology, Heisei Memorial Hospital, Japan

Pe-051-5 Alternating Functional and Structural Connectivity in Parkinson's Disease Patients with Pareidolias

Yuta Kajiyama

Osaka University Graduate School of Medicine, Department of Neurology, Japan

Motor Neuron Disease (Clinical research6)

Chair : Toshio Shimizu

Department of Neurology, Tokyo Metropolitan Neurological Hospital

Commentator : Hiroo Ichikawa

Department of Internal Medicine, Showa University Fujigaoka Rehabilitation Hospital

Pe-052-1 Study protocol for a phase I/IIa, double-blind, placebo-controlled trial of ropinirole for ALS

Shinichi Takahashi

Department of Neurology, Keio University School of Medicine, Japan

Pe-052-2 **Split-Hand Syndrome In ALS: Differences In Dysfunction of FDI and ADM Motoneurons**
Zhi-li Wang
Peking Union Medical College Hospital, Chinese Academy of Medical Sciences, Peking Union Medical College, China

Pe-052-3 **Relationship between EMG-detected fasciculation potentials and US-detected fasciculations in ALS**
Kota Bokuda
Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Pe-052-4 **Significance of fasciculation potentials in early diagnosis of bulbar-onset ALS**
Michi Kawamoto
Department of Neurology, Kobe City Medical Center General Hospital, Japan

Pe-053 English Poster Session 053

En

May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Cerebellar ataxia and others (Basic research)

Chair : Jun Goto
Department of Neurology, IUHW Mita Hospital

Commentator : Ryosuke Miyamoto
Department of Neurology, Tokushima University

Pe-053-1 **Prion-like conformational transmission of polyglutamine protein**
Daisaku Ozawa
Department of Neurotherapeutics, Osaka University Graduate School of Medicine, Japan

Pe-053-2 **Spt4 knockdown suppressed SCA31-linked expanded UGGAA repeat-induced toxicity in Drosophila**
Taro Ishiguro
Department of Neuroscience, Mayo Clinic, USA / Department of Neurology and Neurological Science, Graduate School, Tokyo Medical and Dental University, Japan

Pe-053-3 **Homozygous mutation in dehydrogenase domain of DBP cause slowly progressive spinocerebellar ataxia**
Yukiko Matsuda
Dept. Epidemiology, RIRBM, Hiroshima Univ., Japan

Pe-053-4 **Antiparkinsons Activity of Ellagic acid and Hyoscyamus Niger Seeds Rotenone induced Mice Model**
Dharmendra K. Khatri
Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research, India

Neuroimmunology (immune-mediated encephalitis3)

Chair : Takahiro Iizuka

Department of Neurology, Kitasato University School of Medicine

Commentator : Hideyuki Takeuchi

Department of Neurology and Stroke Medicine, Yokohama City
University Graduate School of Medicine

Pe-054-1 Clinico-pathological study of a patient with calcium channels antibody-associated cerebellar ataxia

Takashi Irioka

Department of Neurology, Yokosuka Kyosai Hospital, Japan

Pe-054-2 Clinical characterization of autoimmune limbic encephalitis: 36 Japanese case series

Yuri Shojima

Department of Neurology, Juntendo University School of Medicine, Japan

Pe-054-3 Differences in clinical features between NMDA vs AMPA type anti-glutamate receptor encephalitis

Kimihiro Kaneko

Department of Neurology, NHO Miyagi Hospital, Japan / Department of Neurology, Tohoku
University Hospital, Japan

Pe-054-4 withdrawn

Pe-054-5 Clinical features and long-term outcome of anti-NMDA receptor encephalitis

Hideto Nakajima

Neurology, Nihon University School of Medicine, Japan

Pe-054-6 Persistently positive oligoclonal IgG bands after treatments and poor outcome in NMDAR encephalitis

Satoru Oji

Department of Neurology, Saitama Medical Center, Saitama Medical University, Japan

Pe-054-7 Antibody screening using a tissue-based assay helps an early diagnosis of autoimmune encephalitis

Makoto Hara

Division of Neurology, Department of Medicine, Nihon University School of Medicine, Japan

Neuroimmunology (NMO and Clinical research2)

Chair : Masaaki Niino
 Department of Clinical Research, Hokkaido Medical Center

Commentator : Takuya Matsushita
 Department of Neurology, Kyushu University

Pe-055-1 Manifestation of Neuromyelitis Optica Spectrum Disorder Than Optic Neuritis and Transverse Myelitis

Natthapon Rattanathamsakul
 Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand

Pe-055-2 Characteristics of CSF profile and VEP abnormality in patients of NMOSD with MOG-IgG

Reiko Saika
 Department of Neurology, Osaka Red Cross Hospital, Japan

Pe-055-3 Environmental factors for neuromyelitis optica spectrum disorders (NMOSD) in Japanese population

Ayako Sakoda
 Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

Pe-055-4 Genome-wide association studies for neuromyelitis optica and the clinical phenotypes

Takuya Matsushita
 Department of Neurology, Kyushu University, Japan

Pe-055-5 withdrawn**Neuroimmunology (Myasthenia Gravis1)**

Chair : Tomihiro Imai
 Sapporo Medical University School of Health Sciences

Commentator : Henry J. Kaminski
 George Washington University

Pe-056-1 Increased IL-21 production by follicular helper T cells in myasthenia gravis

Shinji Ashida
 Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Pe-056-2 Isolating and investigating rare autoantibody-producing B cells in myasthenia gravis

Kazushiro Takata

Yale School of Medicine, USA / JCHO Hoshigaoka medical center, Japan

Pe-056-3 B cell subsets and T follicular helper cells in myasthenia gravis thymus

Yohei Yamamoto

Tokushima University Department of Neurology, Japan

Pe-056-4 Correlation between electrophysiological and clinical findings in myasthenia gravis

Yuta Kojima

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan

Pe-056-5 Disease and pregnancy outcomes in a Japanese cohort of MG, NMO and MS with reproductive histories

Kaori Yanagawa

Department of Neurology, Brain Research Institute, Niigata University, Niigata, Japan

Pe-056-6 THE EFFICACY OF SUBCUTANEOUSLY ADMINISTERED IMMUNOGLOBULIN IN MYASTHENIA GRAVIS: A SYSTEMATIC REVIEW

Karen Joy B. Adiao

University of the Philippines-Philippine General Hospital, Philippines

Pe-057 English Poster Session 057

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May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Myopathy (immune-mediated necrotizing myopathy and others2)

Chair : Shigeaki Suzuki

Department of Neurology, Keio University School of Medicine

Commentator : Madoka Mori-yoshimura

National Center Hospital, National Center of Neurology and Psychiatry

Pe-057-1 Long-term therapeutic outcome of immune-mediated necrotizing myopathy

Yuka Hayashi

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

Pe-057-2 Pathologic features of myositis with anti-RNP antibodies

Akinori Uruha

Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan

Pe-057-3 Anti-Ro52 antibodies frequently co-occur with other myositis autoantibodies

Yiming Zheng

Neurology Department, Peking University First Hospital, China

Pe-057-4 The role of pericytes for the barrier function of the endomysial endothelium

Yasuteru Sano

Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

Pe-058 English Poster Session 058

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May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Myopathy (inclusion body myositis and others2)

Chair : Ken-ya Murata

Center for educational research and development, Wakayama Medical University

Commentator : Yukio Fujita

Department of Neurology, Gunma University Graduate School of Medicine

Pe-058-1 The diagnostic value of amyloid PET imaging in inclusion body myositis

Yu-ichi Noto

Department of Neurology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan

Pe-058-2 Clinical description of familial inclusion body myositis and molecular genetic analysis

Akatsuki Kubota

Department of Neurology, the University of Tokyo, Japan

Pe-058-3 Metabolomics analysis on biopsied samples of sporadic inclusion body myositis

Ayuka Murakami

Department of Neurology, Nagoya University Hospital, Nagoya, Japan / National Hospital Organization Suzuka National Hospital, Suzuka, Japan

Pe-058-4 Development and comparison of two possible mouse models of inclusion body myositis

Satoshi Yamashita

Department of Neurology, Graduate School of Medical Sciences, Kumamoto University, Japan

Peripheral neuropathy (Miscellaneous2)

Chair : Toshiki Fujioka

Toho University Ohashi Medical Center, Department of Neurology

Commentator : Liying Cui

Peking Union Medical College Hospital

**Pe-059-1 Bortezomib neuropathy:
clinical and electrophysiological features and its predictive factor**

Nagaaki Katoh

Department of Medicine (Neurology and Rheumatology), Shinshu University School of Medicine, Japan

Pe-059-2 STUDY ON DIABETIC NEUROPATHY AMONG DIABETIC PATIENTS

Bayarmaa Purevdorj

Mongolian National University of Medical Science, Mongolia

Pe-059-3 p47phox-derived mitochondrial ROS contribute neuropathic pain via microglia activation

Shin Hyo Jung

Department of Medical Science, Chungnam National University School of Medicine, Daejeon, Korea / Department of Anatomy and Cell biology, Brain Research Institute, Chungnam National University School of Medicine, Daejeon, Korea

★ Pe-059-4 Reversal of neuropathic pain by spinal segment-targeted subpial dual (APe-01-1) gene (GAD65 and VGAT) delivery

Takahiro Tadokoro

Neuroregeneration Laboratory, Department of Anesthesiology, University of California, San Diego, USA

Neuroinfection (Clinical research2)

Chair : Motohiro Yukitake

Kouhoukai Takagi Hospital, Division of Neurology

Commentator : Yasushi Iwasaki

Institute for Medical Science of Aging, Aichi Medical University

Pe-060-1 Atypical clinical and laboratory presentation of aseptic meningitis

Akiyuki Hiraga

Department of Neurology, Chiba Rosai Hospital, Chiba, Japan

Pe-060-2 Progressive Multi-focal Leukoencephalopathy presenting as focal seizures in a Filipino AIDS patient

Arnel Y. Conopio

Perpetual Succour Hospital, Cebu, Philippines

Pe-060-3 Post-Varicella Zoster radiculomyelopathy presenting with bilateral diaphragmatic paralysis

Pannathat Soontrapa
Siriraj hospital, Mahidol university, Thailand

Pe-060-4 withdrawn

Pe-060-5 Neurologic dengue presenting as both encephalitis and intracerebral hemorrhage: A case report

Christian Wilson R. Turalde
College of Medicine and Philippine General Hospital, University of the Philippines Manila, Philippines

Pe-060-6 Varicella-zoster virus encephalitis followed by herpes zoster in hemodialysis patients

Yangsu Kim
Yokosuka Kyosai Hospital, Japan

Pe-061 English Poster Session 061

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May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Sleep

Chair : Naoko Tachibana
Center for Sleep-related Disorders, Kansai Electric Power Hospital

Commentator : Carlos Schenck
Minnesota Regional Sleep Disorders Center, Departments of Psychiatry, Hennepin County Medical Center, and University of Minnesota Medical School, Minneapolis

Pe-061-1 Five-year progress of neurological sleep clinic in a general hospital setting

Naoko Tachibana
Center for Sleep-related Disorders, Kansai Electric Power Hospital, Japan / Division of Sleep Medicine, Kansai Electric Power Medical Research Institute, Japan

Pe-061-2 CLINICAL EVALUATION OF SLEEP DISORDERS IN PATIENTS WITH PARKINSON'S DISEASE

Sabokhat Khakimova
Tashkent Medical Academy, Uzbekistan

Pe-061-3 A Randomized Controlled Trial of treatment in Obstructive Sleep Apnea in Mongolia

Dashzeveg Shuren
MD, Mongolia

Pe-061-4 SLEEP ELECTROENCEPHALOGRAPHIC SPECTRAL POWER IN ALCOHOL-DEPENDENT PATIENTS

Madhu Nayak
NSCB Medical College, Jabalpur, India

Pe-061-5 Circadian rhythm and sleep disorders in alpha-synuclein-propagation model mouse

Naohiro Egawa

Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Pe-061-6 withdrawn

Pe-062 English Poster Session 062

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May 24 (Fri) 16 : 00 ~ 17 : 15 Poster Session (Osaka International Convention Center 3F Event Hall)

Clinical Neurophysiology (Clinical research4)

Chair : Masanari Kunimoto

Kunimoto Life Support Clinic

Commentator : Yasuomi Ouchi

Hamamatsu University Sch Med, Dept of Biofunctional Imaging

Pe-062-1 tDCS induced modulation of dopamine and GABA systems: a PET / MRS study

Tomoyasu Bunai

Department of Biofunctional Imaging, Hamamatsu University School of Medicine, Japan

Pe-062-2 Automatic differentiation of fasciculation and its mimics by deep learning approach

Hiroyuki Nodera

Department of Neurology, Tokushima University, Japan / Department of Neurology, Kanazawa Medical University, Japan

Pe-062-3 The biophysical basis of the p.V1316A mutant Nav1.7 channel related to inherited erythromelalgia

Ming-jen Lee

Department of Neurology, National Taiwan University Hospital, Taipei, Taiwan

Pe-062-4 Premature saccades of normal subjects and patients with neurological diseases

Shin-ichi Tokushige

Department of Neurology, Graduate School of Medicine, the University of Tokyo, Japan /

Department of Neurology, School of Medicine, Kyorin University, Japan

Pe-062-5 A relationship between orthostatic hypotension and motor impairment in patients with BPH

Byung-nam Yoon

Department of Neurology, Inje University College of Medicine, Seoul Paik Hospital, Seoul, Republic of Korea, Korea

Pe-062-6 The effect of high intensity white noise on learning and brain ultrastructure in female/male rats

Nino Gogokhia

Ilia state university, Georgia