

## List of Poster Presentations

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### Basic Researches

1. **T. Asai** Neuroprotective effect of ketone bodies against hypoxia and ischemia in rat brain slices as measured by dynamic positron autoradiography
2. **S. Hayashi** Push-pull benzothiazole derivatives as probes for detecting amyloid plaques in Alzheimer's brains
3. **Y. Kitamura** Studies on the movement and effect of vesicular zinc in brain ischemia
4. **K.S. Mandap** Development of microwave-based automated nucleophilic [ $^{18}\text{F}$ ]fluorination system and its application for the production of [ $^{18}\text{F}$ ]flumazenil
5. **M. Ogawa** Development of brain nicotinic acetylcholine receptor imaging agents for PET and SPECT.
6. **Y. Kiyono** Development of norepinephrine transporter imaging probe
7. **V.N. Tiwari** Automatic labeling method for injectable  $^{15}\text{O}$ -oxygen using hemoglobin-containing liposome vesicles and its application for measurement of brain oxygen consumption by PET
8. **M. Kobayashi** Measurement of cerebral blood flow and oxygen metabolism of rats using injectable O-15 oxygen and steady-state method combining bolus and incremental injection
9. **N. Omata** Increase of plasma adiponectin by fluvoxamine

### Clinical PET Researches

10. **K. Suzuki** Reduced acetylcholinesterase activity in the fusiform gyrus in adults with autism
11. **Y. Ouchi** In vivo alterations in cerebral serotonin and dopamine systems in autism
12. **T. Kumada** Ketogenic diets may control seizures by increasing the binding potential of the benzodiazepine receptor: A speculation from a case underwent [ $^{11}\text{C}$ ]flumazenil-PET
13. **M. Ikawa** Functional imaging of oxidative stress in the nigrostriatal system of patients with Parkinson's disease by  $^{62}\text{Cu}$ -ATSM-PET
14. **T. Hamano** Therapeutic effect of CDP-choline for the corticobasal degeneration
15. **M. Yoneda** Pathophysiologic evaluation of stroke-like episodes in MELAS patients by MRI and PET

### MRI Researches

16. **H.Kimura** Cerebral Blood Flow and Arterial Transit Time Measurements in Patients with Chronic Occlusive Cerebrovascular Disease using 3D spiral SE Arterial Spin Labeling on 3T-MR: Correlative Study with O<sup>15</sup> labeled H<sub>2</sub>O PET Examination.
17. **T. Tsujikawa** Pathophysiologic evaluation of MELAS strokes by serially quantified MRS and CASL perfusion images
18. **H. Kosaka** Correlations between smaller brain volume and Autism Spectrum Quotient or Intelligence Quotient in young male adults with pervasive developmental disorders.
19. **A. Sasaki** Basic research on the development of parenthood: Brain activation effects of continuous learning experience of caring for infants in adolescent males and females
20. **H.T. Yanaka** Neural substrates of the warning effect: a functional MRI study.
21. **D.N. Saito** The 10 minutes exercise improves attentional ability in undergraduate students.