

Second International Workshop on Biomedical Imaging (Fukui-2000)

Date: November 13th - 15th, 2000

Nov. 13th

Opening

9:10-9:20 Y.Yonekura

Keynote Lecture

Modelator:

9:20-10:20 M.J.Welch: Progress in Biomedical Imaging

10:20-10:40 *Break*

Session 1: Molecular Imaging

Modelator:

10:40-11:20 M.E.Moseley: Magnetic Resonance for Molecular Imaging

11:20-12:00 W. Strauss: Clinical Application of Molecular Imaging

12:00-1:00 *Lunch*

Session 2: Brain : Signal Transduction(1)

Modelator:

1:00-1:40 M.Diksic Brain serotonin synthesis control studied with α -methyl-L-tryptophan imaging

1:40-2:20 R.Carson: Measurement of Dopamine Release with [¹¹C]Raclopride and PET

2:20-3:00 J. Seibyl: Transporter : dopamine

3:00-3:20 *Break*

Session 3: Brain : Signal Transduction(2)

Modelator:

3:20-4:00 W.Eckelman Development of Receptor Subtype Specific Radiopharmaceuticals based on the Genetic Data and Autopsy Results

4:00-4:40 H.Saji: Central Nicotinic Receptor Binding Radiopharmaceuticals

4:40-5:20 T.Ido: Intracellular Signal Transduction : Second Messenger (tentative)

Banquet

6:30-8:30 Yours Hotel Fukui

Nov. 14th

Session 4: Brain : Pathophysiology(1)

Moderator:

8:30-9:10 N.Sadato: Development and Plasticity (tentative)

9:10-9:50 D.Holtzman: Phosphocreatine and Creatine Kinase: Localization and Physiology in Developing Brain

9:50-10:10 *Break*

Session 5: Brain : Pathophysiology(2)

Modelator:

10:10-10:50 W.Powers: Importance of Hemodynamic Factors in Carotid Artery Occlusion
10:50-11:30 S.Minoshima: Dementia (tentative)

Poster Session & Lunch

11.30-1:00 Poster and Lunch

Session 6: Brain : Pathophysiology(3)

Modelator:

1:00-1:40 Y.Watanabe: Neural and Molecular Mechanisms of Fatigue Sensation
1:40-2:20 W.Powers: PET Studies of Acute Pathophysiology in the NeuroIntensive Care Unit
2:20-3:00 T.Nakada: Stroke Recovery (tentative)

Tour

3:15-18:00 Fukui Medical University, Biomedical Imaging Research Center

Nov. 15th

Session 7: Neoplasm(1)

Modelator:

8:30-9:10 A.Waki: Tumor Imaging with Metabolic Tracers
9:10-9:50 A.Shields: Thymidine Analogs for Imaging DNA Synthetic Pathways

9:50-10:10 *Break*

Session 8: Neoplasm(2)

Modelator:

10:10-10:50 J.Tjuvajev: Noninvasive Imaging of HSV1-tk Marker Gene with FIAU for Monitoring Transfer and Expression of Other Therapeutic Genes by Multi-Gene Delivery Vectors.
10:50-11:30 T.McCarthy: Imaging and Therapeutic Applications of Bromine and iodine isotopes

Closing Highlight

Modelator:

11:30-12:30 H.Wagner, Jr.: Future in Biomedical Imaging