

Hisada Prize Winners

| | year | Winner | | Institution | Vol.No. | pages | Article title |
|------|------|--------|--------------------------------------|---|---------|-----------|--|
| 10th | 2018 | Gold | Jolanta Kunikowska | Medical University of Warsaw, Poland | 31-5 | 347-356 | Long-term results and tolerability of tandem peptide receptor radionuclide therapy with ⁹⁰ Y/177Lu-DOTATATE in neuroendocrine tumors with respect to the primary location: a 10-year study |
| | | Silver | Yukiko Masaki, Yoichi Shimizu | Shionogi & Co., Ltd., Japan, Kyoto University, Japan | 31-8 | 596-604 | FMISO accumulation in tumor is dependent on glutathione conjugation capacity in addition to hypoxic state |
| | | Bronze | Etsuko Imabayashi | Center National Center of Neurology and Psychiatry, Japan | 31-7 | 536-543 | Validation of the cingulate island sign with optimized ratios for discriminating dementia with Lewy bodies from Alzheimer's disease using brain perfusion SPECT |
| 9th | 2017 | Gold | Eku Shimosegawa | Osaka University Graduate School of Medicine | 30-10 | 749-755 | Assessment of 10B concentration in boron neutron capture therapy: potential of image-guided therapy using 18FBPA PET |
| | | Silver | Jun Toyohara | Tokyo Metropolitan Institute of Gerontology, Japan | 30-8 | 534-543 | Preclinical and first-in-man studies of [¹¹ C]CB184 for imaging the 18-kDa translocator protein by positron emission tomography |
| | | Bronze | Tsuneo Saga | National Institute of Radiological Sciences, Japan | 30-3 | 217-224 | Prognostic value of PET/CT with 18F-fluoroazomycin arabinoside for patients with head and neck squamous cell carcinomas receiving chemoradiotherapy |
| 8th | 2016 | Gold | Momoko Okasaki | National Center for Global Health and Medicine | 29-3 | 224-232 | Comparison of 11C-40-thiothymidine, 11C-methionine, and 18F-FDG PET/CT for the detection of active lesions of multiple myeloma |
| | | Silver | Yuji Nakamoto | Kyoto University Graduate School of Medicine | 29-6 | 512-518 | Additional information gained by positron emission tomography with 68Ga-DOTATOC for suspected unknown primary or recurrent neuroendocrine tumors |
| | | Bronze | Kazunari Ishii | Kinki University Hospital | 29-1 | 78-83 | Regional glucose metabolic reduction in dementia with Lewy bodies is independent of amyloid deposition |
| | | | Kentaro Hatano | University of Tsukuba | 29-4 | 325-335 | Radiosynthesis and in vivo evaluation of two imidazopyridineacetamides, [¹¹ C]CB184 and [¹¹ C]CB190, as a PET tracer for 18 kDa translocator protein: direct comparison with [¹¹ C](R)-PK11195 |
| 7th | 2015 | Gold | Yasuto Takeuchi Masayuki Inubushi | National Institute of Radiological Sciences | 28-10 | 1011-1019 | Detailed assessment of gene activation levels by multiple hypoxia-responsive elements under various hypoxic conditions |
| | | Silver | Fumi Sakamoto | Kumamoto University | 28-3 | 203-211 | Diagnosis of dementia with Lewy bodies: diagnostic performance of combined 123I-IMP brain perfusion SPECT and 123I-MIBG myocardial scintigraphy |
| | | Silver | Seiichi Yamamoto | Nagoya University Graduate School of Medicine | 28-10 | 961-969 | Ultrahigh-resolution Cerenkov-light imaging system for positron radionuclides: potential applications and limitations |
| 6th | 2014 | Gold | Kengo Ito | National Center for Geriatrics and Gerontology | 27-10 | 898-906 | Prediction of outcomes in MCI with 123I-IMP-CBF SPECT: a multicenter prospective cohort study |
| | | Gold | Hiroshi Wakabayashi | Kanazawa University Hospital | 27-9 | 839-846 | Prognostic values of initial responses to low-dose 131I-MIBG therapy in patients with malignant pheochromocytoma and paraganglioma |
| | | Bronze | Ryuichi Nishii | Shiga Medical Center Research Institute | 27-9 | 808-821 | Diagnostic usefulness of an amino acid tracer, α -[N-methyl- ¹¹ C]-methylaminoisobutyric acid (11C-MeAIB), in the PET diagnosis of chest malignancies |

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| 5th | 2013 | Gold | Izumi O. Umeda | Functional Imaging Division, Research Center for Innovative Oncology, National Cancer Center Hospital East | 26-1 | 67-76 | High resolution SPECT imaging for visualization of intratumoral heterogeneity using a SPECT/CT scanner dedicated for small animal imaging |
| | | Silver | Tadashi Watabe | Osaka University Graduate School of Medicine | 26-3 | 222-227 | Intratumoral heterogeneity of F-18 FDG uptake differentiates between gastrointestinal stromal tumors and abdominal malignant lymphomas on PET/CT |
| | | Bronze | Paul B. Romesser | Boston University School of Medicine, USA | 26-7 | 527-534 | Superior prognostic utility of gross and metabolic tumor volume compared to standardized uptake value using PET/CT in head and neck squamous cell carcinoma patients treated with intensity-modulated radiotherapy |
| 4th | 2012 | Gold | Takeshi Murano | Division of Cancer Screening, Research Center for Cancer Prevention and Screening, National Cancer Center | 25-9 | 657-666 | Radiation exposure and risk-benefit analysis in cancer screening using FDG-PET: results of a Japanese nationwide survey |
| | | Silver | Keisuke Kiso | National Cerebral and Cardiovascular Center | 25-10 | 768-776 | Novel algorithm for quantitative assessment of left ventricular dyssynchrony with ECG-gated myocardial perfusion SPECT: useful technique for management of cardiac resynchronization therapy |
| | | Bronze | Masahiro Kikuchi | Kobe City Medical Center General Hospital | 25-9 | 625-633 | ¹⁸ F-fluoromisonidazole positron emission tomography before treatment is a predictor of radiotherapy outcome and survival prognosis in patients with head and neck squamous cell carcinoma |
| 3rd | 2011 | Gold | Seiichi Yamamoto | Kobe City College of Technology | 24-2 | 89-98 | Design and performance from an integrated PET/MRI system for small animals |
| | | Silver | Chie Seki | Molecular Imaging Center, National Institute of Radiological Sciences | 24-4 | 249-260 | Quantitative analysis of dopamine transporters in human brain using [¹¹ C]PE2I and positron emission tomography: evaluation of reference tissue models |
| | | Bronze | Go Miyashita | Department of Stomatology and Oral Surgery, Gunma University Graduate School of Medicine | 24-8 | 579-584 | ¹⁸ F-FAMT uptake correlates with tumor proliferative activity in oral squamous cell carcinoma: comparative study with ¹⁸ F-FDG PET and immunohistochemistry |
| 2nd | 2010 | Gold | Taiga Yamaya | Molecular Imaging Center, National Institute of Radiological Sciences | 23-2 | 183-190 | Preliminary study on potential of the jPET-D4 human brain scanner for small animal imaging |
| | | Silver | Jun Toyohara | Positron Medical Center, Tokyo Metropolitan Institute of Gerontology | 23-3 | 301-309 | Preclinical and the first clinical studies on [¹¹ C]CHIBA1001 for mapping $\alpha 7$ nicotinic receptors by positron emission tomography |
| | | Bronze | Miho Shidahara | Molecular Imaging Center, National Institute of Radiological Sciences. | 23-2 | 163-171 | Improvement of likelihood estimation in Logan graphical analysis using maximum a posteriori for neuroreceptor PET imaging |
| 1st | 2009 | Gold | Kayako Isohashi | Osaka University Graduate School of Medicine | 22-9 | 795-802 | ¹⁸ F-FDG PET in patients with malignant lymphoma having long-term follow-up: staging and restaging, and evaluation of treatment response and recurrence |
| | | Silver | Kenichi Nakajima | Institute of Medical, Pharmaceutical and Health Sciences | 22-10 | 891-910 | Prognostic table for predicting major cardiac events based on J-ACCESS investigation |
| | | Bronze | Sadahiko Nishizawa | Hamamatsu Medical Imaging Center, Hamamatsu Medical Photonics Foundation | 22-9 | 803-832 | Incidence and characteristics of uterine leiomyomas with FDG uptake |