

### ANM Best Paper Award Winners

	year	Winner	Institution	Vol.No.	pages	Article title
1st	1996	Yasuhisa Fujibayashi	Kyoto University	9-1	1-6	Differential mechanism of retention of Cu-pyruvaldehyde-bis(N4-methylthiosemicarbazone) (Cu-PTSM) by brain and tumor: A novel radiopharmaceutical for positron emission tomography imaging
2nd	1997	Yuichi Ichiya	Kyushu University	10-2	193-200	A clinical evaluation of FDG-PET to assess the response in radiation therapy for bronchogenic carcinoma
3rd	1998	Kiichi Ishiwata	Positron Medical Center, Tokyo Metropolitan Institute of Gerontology	11-3	219-225	Myocardial adenosine A2a receptor imaging of rabbit by PET with [11C]KF17837
4th	1999	Hirofumi Fujii	Keio University School of Medicine	12-6	307-312	Preoperative evaluation of the chemosensitivity of breast cancer by means of double phase <sup>99m</sup> Tc-MIBI scintimammography
5th	2000	Keiko Shibuya	Graduate School of Medicine, Kyoto University	13-5	287-292	Cytosolic/microsomal redox pathway: a reductive retention mechanism of a PET-oncology tracer, Cu-pyruvaldehyde-bis (N <sup>4</sup> -methylthiosemicarbazone) (Cu-PTSM)
6th	2001	Norio Takahashi	Fukui Medical University	14-5	323-328	Evaluation of <sup>62</sup> Cu labeled diacetyl-bis(N <sup>4</sup> -methylthiosemicarbazone) as a hypoxic tissue tracer in patients with lung cancer
7th	2002	Motohiro Watanabe	Gifu University School of Medicine	15-1	13-19	Relationship between thallium-201 myocardial SPECT and findings of endomyocardial biopsy specimens in dilated cardiomyopathy
8th	2003	Hiroshi Ito	Akita Research Institute of Brain and Blood Vessels	16-4	249-254	Hemodynamic changes during neural deactivation in human brain: A positron emission tomography study of crossed cerebellar diaschisis
9th	2004	Masayuki Sasaki	Graduate School of Medical Sciences, Kyushu University	17-3	189-196	Alterations of tumor suppressor genes (Rb, p16, p27 and p53) and an increased FDG uptake in lung cancer
10th	2005	Takayoshi Ishimori	Graduate School of Medicine, Kyoto University	18-8	669-674	<sup>18</sup> F-FDG and nC-methionine PET for evaluation of treatment response of lung cancer after stereotactic radiotherapy
11th	2006	Koichiro Abe	Graduate School of Medical Sciences, Kyushu University	19-7	573-579	Comparison of <sup>18</sup> F-FDG-PET with <sup>99m</sup> Tc-HMDP scintigraphy for the detection of bone metastases in patients with breast cancer.
12th	2007	Ryota Fujimoto	Graduate School of Medicine, Kyoto University	20-6	399-408	Diagnostic accuracy of bone metastases detection in cancer patients: Comparison between bone scintigraphy and whole-body FDG-PET.
13th	2008	Yoshimasa Hamazawa	Osaka City University Graduate School of Medicine	21-1	47-55	Comparison of dynamic FDG-microPET study in a rabbit turpentine-induced inflammatory model and in a rabbit VX2 tumor model

### Hisada Prize Winners

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1st	2009	Gold	Kayako Isohashi	Osaka University Graduate School of Medicine	22-9	795-802	<sup>18</sup> 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
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 [ <sup>11</sup> C]CHIBA1001 for mapping α7 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
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 [ <sup>11</sup> 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	<sup>18</sup> F-FAMT uptake correlates with tumor proliferative activity in oral squamous cell carcinoma: comparative study with <sup>18</sup> F-FDG PET and immunohistochemistry
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	<sup>18</sup> 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
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
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, $\alpha$ -[N-methyl-11C]-methylaminoisobutyric acid (11C-MeAIB), in the PET diagnosis of chest
7th	2015	Gold	Yasuto Takeuchi	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
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
		Bronze	Kentaro Hatano	University of Tsukuba	29-4	325-335	Radiosynthesis and in vivo evaluation of two imidazopyridineacetamides, [11C]CB184 and [11C]CB190, as a PET tracer for 18 kDa translocator protein: direct comparison with [11C](R)-PK11195
9th	2017	Gold	Ekus 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 [11C]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