

## 2024 年の文献（国際誌、和文誌）

### 1) 国際誌

Chen Z, Wakabayashi H, Kuroda R, Mori H, Hiromasa T, Kayano D, Kinuya S.  
Radiation exposure lymphocyte damage assessed by  $\gamma$ -H2AX level using flow cytometry.  
Sci Rep. 2024 Feb 22;14(1):4339.

Inaki A, Mizokami A, Wakabayashi H, Izumi K, Kadono Y, Toyama T, Takahara S, Murayama T, Kinuya S.  
Evaluation of  $^{68}\text{Ga}$ -PSMA-11 PET/CT: a Phase 1 clinical study in Japanese patients with primary, recurrent, or suspected recurrent prostate cancer.  
Ann Nucl Med. 2024 Aug;38(8):587-595.

Mori H, Wakabayashi H, Saito S, Nakajima K, Yoshida K, Hiromasa T, Kinuya S.  
Evaluating the diagnostic efficacy of whole-body MRI versus  $^{123}\text{I}$ -mIBG/ $^{131}\text{I}$ -mIBG imaging in metastatic pheochromocytoma and paraganglioma.  
Sci Rep. 2024 Jun 15;14(1):13828.

Nakajima K, Miyauchi H, Hirano K, Fujimoto S, Kawahito M, Iimori T, Kudo T.  
Practice recommendation for measuring washout rates in  $^{123}\text{I}$ -BMIPP fatty acid images.  
Ann Nucl Med. 2024 Jan;38(1):1-8.

Nakajima K, Nakata T, Doi T, Verschure DO, Frantellizzi V, De Feo MS, Tada H, Verberne HJ.  
Cardiac sympathetic activity and lethal arrhythmic events: insight into bell-shaped relationship between  $^{123}\text{I}$ -meta-iodobenzylguanidine activity and event rates.  
EJNMMI Res. 2024;14(1):67.

Nakajima K, Matsumura T, Komatsu J, Wakabayashi H, Ono K, Kinuya S.  
Sympathetic  $^{123}\text{I}$ -metaiodobenzylguanidine index for Lewy body disease: probability-based diagnosis and identifying patients exempt from late imaging.  
Ann Nucl Med. 2024 Oct;38(10):814-824.

Saito S, Nakajima K, Komatsu J, Shibutani T, Wakabayashi H, Mori H, Takata A, Ono K, Kinuya S.

Absolute quantitation of sympathetic nerve activity using [ $^{123}\text{I}$ ] metaiodobenzylguanidine SPECT-CT in neurology.

EJNMMI Rep. 2024;8(1):15.

Zhang X, Nakajima K, Mizokami A, Horikoshi W, Nishimoto K, Hashine K, Matsuyama H, Takahashi S, Wakabayashi H, Kinuya S.

Flare phenomenon visualized by  $^{99\text{m}}\text{Tc}$ -bone scintigraphy has prognostic value for patients with metastatic castration-resistant prostate cancer.

Ann Nucl Med. 2024 Jun;38(6):428-440.

Chimura M, Ohtani T, Sera F, Higuchi R, Kajitani K, Nakajima K, Sakata Y.

Novel indices representing heterogeneous distributions of myocardial perfusion imaging.

Ann Nucl Med. 2024 Jun;38(6):468-74.

De Raedt S, Peeters I, Vanderschueren G, Nous A, Bourgeois S, Vandervorst F, De Keyser J, Nakajima K, Verberne HJ.

Washout rate of cardiac  $^{123}\text{I}$ -meta-iodobenzylguanidine and ischemic stroke outcome.

J Nucl Cardiol. 2024 Dec 5:102105.

Echigo H, Mishiro K, Munekane M, Fuchigami T, Washiyama K, Takahashi K, Kitamura Y, Wakabayashi H, Kinuya S, Ogawa K.

Development of probes for radiotheranostics with albumin binding moiety to increase the therapeutic effects of astatine-211 ( $^{211}\text{At}$ ).

Eur J Nucl Med Mol Imaging. 2024 Jan;51(2):412-421.

Echigo H, Munekane M, Fuchigami T, Washiyama K, Mishiro K, Wakabayashi H, Takahashi K, Kinuya S, Ogawa K.

Optimizing the pharmacokinetics of an  $^{211}\text{At}$ -labeled RGD peptide with an albumin-binding moiety via the administration of an albumin-binding inhibitor.

Eur J Nucl Med Mol Imaging. 2024 Jul;51(9):2663-2671.

Fujii H, Toyama H, Kayano D, Ishii K, Kinuya S.

The 13th World Federation of Nuclear Medicine and Biology congress (WFNMB 2022): summarize the past half century and discuss the next half century of WFNMB.

Ann Nucl Med. 2024 (Online ahead of print).

Hirano K, Kodama K, Miyauchi H, Nagasawa Y, Nakano Y, Matsunaga M, Amano T, Nakajima K.

Carnitine Administration and  $^{123}\text{I}$ -BMIPP Washout Rate in Hemodialysis Patients with Triglyceride Deposit Cardiomyovascularopathy.

Ann Nucl Cardiol. 2024 Oct;10(1):38-42.

Kiso K, Nakajima K, Nimura Y, Nishimura T.

A novel algorithm developed using machine learning and a J-ACCESS database can estimate defect scores from myocardial perfusion single-photon emission tomography images.

Ann Nucl Med. 2024 Dec;38(12):980-988.

Nakamoto Y, Inui Y, Hotta M, Wakabayashi H, Hanaoka H.

Recent advancements in new tracers from first-in-human studies.

Ann Nucl Med. 2024 Nov;38(11):877-883.

Ogawa K, Nishizawa K, Mishiro K, Effendi N, Fuchigami T, Munekane M, Wakabayashi H, Kinuya S.

Synthesis and evaluation of radiogallium labeled bone imaging probes using oligo- $\gamma$ -carboxy glutamic acid peptides as carriers to bone.

Molecular Pharmaceutics. 2024 May 6;21(5):2375-2382.

Ogawa K, Nishizawa K, Mishiro K, Munekane M, Fuchigami T, Echigo H, Wakabayashi H, Kinuya S.

Differences in the Renal Accumulation of Radiogallium-Labeled (Glu) $_{14}$  Peptides Containing Different Optical Isomers of Glutamic Acid.

Molecules. 2024 Aug 23;29(17):3993.

Okizaki A, Nishiyama Y, Inui Y, Otsuka H, Takanami K, Nakajo M, Nakatani K, Nogami M, Hirata K, Maeda Y, Yoshimura M, Wakabayashi H.

Nuclear medicine practice in Japan: a report of the ninth nationwide survey in 2022.

Ann Nucl Med. 2024 Apr;38(4):315-327.

Shibutani T, Konishi T, Ichikawa H, Onoguchi M, Yoneyama H, Ito T, Okuda K, Nakajima K.

Detectability of cold tumors by xSPECT bone technology compared with hot tumors: a supine phantom study.

Phys Eng Sci Med. 2024;47(1):287-294.

Watabe T, Namba M, Yanagida S, Nakamura Y, Yamada T, Tatsuno S, Ri A, Yoshida S, Uyama K, Kinuya S, Tomiyama N, Hosono M.

Manual on the proper use of the  $^{211}\text{At}$  labeled PSMA ligand ( $^{211}\text{At}$ ]PSMA 5) for clinical trials of targeted alpha therapy (1st edition).

Ann Nucl Med. 2024 May;38(5):329-336.

## 2) 和文誌

絹谷清剛. What is 核医学治療? 日本小児放射線学会雑誌 2024;40(1):17-27.

絹谷清剛. 久田欣一先生に騙された甲斐があったなあ・・・. 疾患モデル総合研究センターニュース 2024;(3):1.

絹谷清剛.  $\alpha$  線ってご存じですか? Medical Practice 2025;42(1):140.

國田優志、萱野大樹. 腹部領域における核医学治療の最新情報. INNERVISION 2024;39(4):40-42.

瀧 淳一. 心臓核医学検査、[生涯教育シリーズ-106] 画像診断を使いこなすー放射線科からの贈り物 画像検査の最新の話 各検査モダリティの最新技術、日本医師会雑誌 2024;153 特別号(1): S89-91.

廣正智、絹谷清剛. 国内における RAI 内用療法の現状と将来展望. 日本内分泌外科学会雑誌 2024;41(2):90-93.

松村武史、赤谷憲一、絹谷清剛. これだけは知っておきたい 甲状腺・副甲状腺診療 非外科的治療 放射性ヨウ素治療. JOHNS 2024;40(4):393-396.

松村武史、絹谷清剛. 動脈疾患の検査 核医学検査. 日本臨牀 2024;82(増刊号 4):145-152.

松村武史、萱野大樹、絹谷清剛. 褐色細胞腫・パラガングリオーマに対するライアット治療. 医学のあゆみ 2024;291(2):121-124.

森博史、萱野大樹. 【JCR50周年企画】JCR ミッドサマーセミナー2023 基本を学び未来につ

なげる放射線診療ダイジェスト】最新情報 核医学治療・ルタテラ治療. 臨床画像 2024;40(3):283-289.

森博史、萱野大樹. 【泌尿器科医のための核医学-正しく理解して潮流に乗れ!】これからの核医学検査・治療 前立腺癌の神経内分泌腫瘍化に対するオクトレオスキャンおよび Lu-177 PRRT 治療. 臨床泌尿器科 2024;78(6):404-411.

渡辺悟. 進化し続ける核医学 2024 核医学における飛躍と将来展望. Rad Fan 2024;22(10):25.

隅屋寿、大場洋 他. 小児脳血流 SPECT. 小児神経の画像診断 2024;202-211.

杉谷巖、伊藤康弘、小野田尚佳、絹谷清剛、清田尚臣、近藤哲夫、杉野公則、廣正智、堀内喜代美、森谷秀吉、原尚人. 甲状腺腫瘍診療ガイドライン 2024. 日本内分泌外科学会雑誌 2024;41:Supplement 2.