



生体機能イメージング講座

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[シンポジウム]

大谷晃司, 菊地臣一, 猪狩貴弘, 関口美穂, 二階堂琢也, 渡邊和之, 加藤欽志, 小林 洋, 矢吹省司, 紺野慎一. 脊椎外科における大規模コホート研究と手術登録 福島医大における腰部脊柱管狭窄に関するコホート研究. 第90回日本整形外科学会学術総会; 20170518-21; 仙台. 日本整形外科学会雑誌. 91(2):S350.

[その他]

豊川真弘. 質量分析計バイテック MS を用いた抗酸菌・ノカルジアの同定. 第28回日本臨床微生物学会総会・学術集会; 20170120-22; 長崎.

豊川真弘. 臨床微生物検査の今後の展望. 平成29年度青森県臨床検査技師会第1回感染制御部門研修会; 20170520; 青森.

豊川真弘. 感染症診療の基本と新しい感染症検査. 第54回日本眼感染症学会; 20170715; 大阪.

豊川真弘. これから微生物検査を支える方々へ 知的微生物検査を目指して. 日本臨床衛生検査技師会近畿支部・微生物検査研修会; 20171118-19; 神戸.

豊川真弘. グラム染色を再考する. 福島県臨床検査技師会 平成29年度 感染制御部門 微生物・ウイルス検査分野 痘学検査分野合同研修会; 20171125; 福島.

矢吹省司. 運動器疼痛研究 次の10年に向けて. 第10回日本運動器疼痛学会; 20171117; 福島. Journal of Musculoskeletal Pain Research. 9(3):S3.

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論 文

[原 著]

Hara S, Tanaka Y, Ueda Y, Hayashi S, Inaji M, Ishiwata K, Ishii K, Maehara T, Nariai T. Non-invasive evaluation of CBF and perfusion delay of moyamoya disease using arterial spin-labeling MRI with multiple post-labeling delays: comparison with ^{15}O gas-PET and with dynamic susceptibility contrast MRI. American Journal of Neuroradiology. 201704; 38(4):696-702.

Okamoto M, Naka K, Ishiwata K, Shimizu I, Toyohara J. Synthesis and basic evaluation of 7α -(3-[^{18}F]fluoropropyl)-testosterone and 7α -(3-[^{18}F]fluoropropyl)-dihydrotestosterone. Annals of Nuclear Medicine.

201701; 31(1):53-63.

Ishiwata K, Hayashi K, Sakai M, Kawauchi S, Hasegawa H, Toyohara J. Determination of radionuclides and radiochemical impurities produced by in-house cyclotron irradiation and subsequent radiosynthesis of PET tracers. Annals of Nuclear Medicine. 201701; 31(1):84-92.

Sakata M, Ishibashi K, Imai M, Wagatsuma K, Ishii K, Hatano K, Ishiwata K, Toyohara J. Assessment of safety, efficacy and dosimetry of a novel 18-kDa translocator protein ligand, [¹¹C]CB184, in healthy human volunteers. EJNMMI Research. 201712; 7(1):26.

Mishina M, Kimura Y, Sakata M, Ishii K, Oda K, Toyohara J, Kimura K, Ishiwata K. Age-related decrease in male extra-striatal adenosine A₁ receptors measured using ¹¹C-MPDX PET. Frontiers in Pharmacology, section Experimental Pharmacology and Drug Discovery. 201712; 8:903.

Sakurai R, Ishii K, Yasunaga M, Takeuchi R, Murayama Y, Sakuma N, Sakata M, Oda K, Ishibashi K, Ishiwata K, Fujiwara Y, Montero-Odasso M. The neural substrate of gait and executive function relationship in elderly women: a PET study. Geriatrics and Gerontology International. 201711; 17(11):1873-1880.

Hiura M, Sakata M, Ishii K, Toyohara J, Oda K, Narai T, Ishiwata K. Central μ -opioidergic system activation evoked by heavy- and severe-intensity cycling exercise in humans: a pilot study using positron emission tomography with ¹¹C-carfentanil. International Journal of Sports Medicine. 201701; 38(1):19-26.

Ishibashi K, Miura Y, Wagatsuma K, Ishiwata K, Ishii K. Changes in brain amyloid β accumulation after donepezil administration. Journal of Clinical Neuroscience. 201711; 45:328-329.

Shimada H, Ishii K, Makizako H, Ishiwata K, Oda K, Suzukawa M. Effects of exercise on brain activity during walking in older adults: a randomized controlled trial. Journal of NeuroEngineering and Rehabilitation. 201705; 14(1):50.

Zhou X, Boellaard R, Ishiwata K, Sakata M, Dierckx RAJO, de Jong JR, Nishiyama S, Ohba H, Tsukada H, de Vries EFJ, Elsinga PH. In vivo evaluation of [¹¹C]preladenant for PET-imaging of adenosine A_{2A} receptors in the conscious monkey. Journal of Nuclear Medicine. 201705; 58(5):762-767.

Sakata M, Ishibashi K, Imai M, Wagatsuma K, Ishii K, Zhou X, de Vries EFJ, Elsinga PH, Ishiwata K, Toyohara J. Initial evaluation of a novel adenosine A_{2A} receptor ligand, ¹¹C-preladenant, in healthy human subjects. Journal of Nuclear Medicine. 201709; 58(9):1464-1470.

Ishibashi K, Miura Y, Toyohara J, Ishii K, Ishiwata K. Comparison of imaging using ¹¹C-ITMM and ¹⁸F-FDG for the detection of cerebellar ataxia. Journal of the Neurological Sciences. 201704; 375:97-102.

Sakata M, Toyohara J, Ishibashi K, Wagatsuma K, Ishii K, Zhang MR, Ishiwata K. Age and gender effects of ¹¹C-ITMM binding to metabotropic glutamate receptor type 1 in healthy human subjects. Neurobiology and Aging. 201707; 55:72-77.

Ishibashi K, Onishi A, Fujiwara Y, Ishiwata K, Ishii K. Effects of glucose, insulin and insulin resistance on cerebral ¹⁸F-FDG distribution in cognitively normal older subjects. PLOS ONE. 201707; 12(7):e0181400.

Wagatsuma K, Oda K, Miwa K, Inaji M, Sakata M, Toyohara J, Ishiwata K, Sasaki M, Ishii K. Effects of a novel tungsten-impregnated rubber neck shield on the quality of cerebral images acquired using ¹⁵O-labeled gas. Radiological Physics and Technology. 201712; 10(4):422-430.

Mishina M, Ishii K, Kimura Y, Suzuki M, Kitamura S, Ishibashi K, Sakata M, Oda K, Kobayashi S, Kimura K, Ishiwata K. Adenosine A₁ receptors measured with ¹¹C-MPDX PET in the early Parkinson's disease. Synapse. 201708; 71(8):e21979.

〔総説等〕

日浦幹夫, 成相 直, 牟田光孝, 稲次基希, 豊原 潤, 石井賢二, 石橋賢士, 我妻 慧, 坂田宗之, 織田圭一, 石渡喜一, 前原健寿. PETイメージングを活用した運動負荷時の脳機能解析：脳血流量と神経受容体計測の実際. 脳循環代謝. 201708; 28(2):297-302.

研究発表等

〔研究発表〕

Toyohara J, Sakata M, Ishibashi K, Wagatsuma K, Ishii K, Zhou X, de Vries EFJ, Elsinga PH, Ishiwata K. Imaging of adenosine A_{2A} receptors in a healthy human brain by positron emission tomography with [¹¹C]preladenant. Molecular imaging agents in medicine; 20170213-15; Groningen, Netherlands.

Tominaga T, Akita R, Ishikawa Y, Iwata R, Ishiwata K, Furumoto S. Development of novel ¹⁸F-labeled phosphonium derivatives for mitochondria imaging by positron emission tomography. 22nd International Symposium on Radiopharmaceutical Sciences; 20170514-19; Dresden, Germany.

Toyohara J, Tago T, Okamoto M, Ishiwata K, Ishii K. Development of a novel cerebral blood flow PET tracer for diagnosis of dementia with diabetes mellitus. SNMMI 2017 Annual Meeting; 20170610-14; Denver, USA.

Mishina M, Ishii K, Ishibashi K, Sakata M, Toyohara J, Ishiwata K, Kimura K. Regional difference of brain β -amyloid accumulation between in subtype of Lewy body disease and in Alzheimer's disease. The Alzheimer's Association International Conference 2017; 20170716-20; London, United Kingdom.

Mishina M, Suzuki M, Ishii K, Sakata M, Wagatsuma K, Ishibashi K, Toyohara J, Zhang MR, Kimura K, Ishiwata K. Density of metabotropic glutamate receptors subtype 1 in Parkinson's disease compared to healthy elderly -A ITMM PET study-. 23rd World Congress of Neurology 2017; 20170916-21; Kyoto.

Mishina M, Suzuki M, Ishii K, Sakata M, Wagatsuma K, Ishibashi K, Toyohara J, Zhang MR, Kimura K, Ishiwata K. Relationship between density of metabotropic glutamate receptors subtype 1 and asymmetrical parkinsonism in Parkinson's disease -A ITMM PET study-. 23rd World Congress of Neurology 2017; 20170916-

21; Kyoto.

Furumoto S, Tominaga T, Akita R, Kazama A, Ishikawa Y, Iwata R, Ishiwata K. Novel ¹⁸F-labeled triarylphosphonium derivatives for mitochondria imaging. EANM17 Annual Congress of the European Association of Nuclear Medicine; 20171021-25; Vienna, Austria.

Mishina M, Suzuki M, Ishii K, Ishibashi K, Sakata M, Wagatsuma K, Toyohara J, Zhang MR, Kimura K, Ishiwata K. Relation of motor and non-motor symptoms with density of metabotropic glutamate receptors subtype 1 measured with ¹¹C-ITMM PET in de novo Parkinson's disease. SfN's 47th Annual Meeting, Neuroscience 2017; 20171111-15; Washington, DC, USA.

Ishibashi K, Onishi A, Fujiwara Y, Ishiwata K, Ishii K. Which factor has a stronger effect on cerebral 18F-FDG distribution in cognitively normal older subjects, plasma glucose level or insulin resistance? SfN's 47th Annual Meeting, Neuroscience 2017; 20171111-15; Washington, DC, USA.

成相 直, 稲次基希, 林志保里, 前原健寿, 石井賢二, 石渡喜一. 悪性脳腫瘍に対するBNCTへの応用を見据えたアミノ酸標識PET画像の検討. 第40回日本神経CI学会総会; 20170303-04; 鹿児島.

柳井修一, 豊原 潤, 石渡喜一, 新崎智子, 遠藤昌吾. PDE3阻害剤シロスタゾールが老化促進マウスの血液脳関門・記憶機能に及ぼす効果. 第40回日本神経科学大会; 20170720-23; 千葉.

海老沼亮一, 石渡喜一. [¹⁸F]フルオロボロノフェニルアラニン(FBPA)注射液製造の最適化. 第57回日本核医学学会学術総会; 20171005-07; 横浜.

三品雅洋, 鈴木正彦, 石井賢二, 石橋賢士, 坂田宗之, 我妻 慧, 豊原 潤, 張 明栄, 木村和美, 石渡喜一. ¹¹C-ITMM PETを用いた未治療パーキンソン病におけるmGluR1密度と症状との関係. 第57回日本核医学学会学術総会; 20171005-07; 横浜.

富永隆裕, 秋田 謙, 石川洋一, 岩田 鍊, 石渡喜一, 古本祥三. ¹⁸F標識ホスホニウム型プローブの構造最適化と集積メカニズムの検証. 第57回日本核医学学会学術総会; 20171005-07; 横浜.

林志保里, 稲次基希, 成相 直, 坂田宗之, 織田圭一, 豊原 潤, 石渡喜一, 石井賢二, 前原健寿. 慢性期のびまん性軸索損傷における¹¹C-MPDX PETを用いたアデノシンA₁受容体の評価. 日本脳神経外科学会第76回学術総会; 20171012-14; 名古屋.