

Saji,H., Iida,Y., Nakatuka,I., Kataoka,M., Miyao,T., Ariyoshi,K., Magata,Y., Yoshitake,A., Yonekura,A.: Radioiodinated nordiazepam analog for in vivo assessment of benzodiazepine receptors by single photon emission tomography. Nucl.Med.Biol., 21(1), 57-62, 1994.

Arano,Y., Matsushima,H., Tagawa,M., Inoue,T., Koizumi,M., Hosono,M., Sakahara,H., Endo,K., Konishi,J., Yokoyama,A.: A newly designed radioimmunoconjugate releasing a hippurate-like radiometal chelate for enhanced target/non-target radioactivity. Nucl.Med.Biol., 21(1), 63-69, 1994.

Takemura,Y., Fujibayashi,Y., Dote,N., Taniuchi,H., Iijima,N., Konishi,J., Yokoyama,A.: Development of glycoside-bound radiopharmaceuticals: Novel radioiodination method for gigoxin. Biol.Pharm.Bull., 17(1), 97-101, 1994.

Fujibayashi,Y., Waki,A., Wada,K., Ueno,M., Magata,Y., Yonekura,Y., Konishi,J., Takeda,T., Yokoyama,A.: Differential aging pattern of cerebral accumulation of radiolabeled. Biol.Pharm.Bull., 17(1), 102-105, 1994.

Arano,Y., Inoue,T., Mukai,T., Wakisaka,K., Sakahara,H., Konishi,J., Yokoyama,A.: Discriminated release of a hippurate-like radiometal chelate in nontarget tissues for target-selective radioactivity localization using pH-dependent dissociation of reduced antibody. J.Nucl.Med., 35(2), 326-333, 1994.

Iida,Y., Saji,H., Magata,Y., Konishi,J., Nakatsuka,I., Yoshitake,A., Yokoyama,A.: ¹¹C-labeled 2'-iododiazepam for PET studies of benzodiazepine receptors: Synthesis and comparison of biodistribution with its radioiodinated compound. Annals of Nuclear Medicine, 8(1), 17-22, 1994.

Wada,K., Fujibayashi,Y., Yokoyama,A.: copper (II)[2,3-butanedionebis(N 4-methylthiosemicarbazone)], a stable superoxide dismutase-like copper complex with high membrane penetrability. Archives of Biochemistry and Biophysics, 310(1), 1-5, 1994.

Wada,K., Fujibayashi,Y., Taniuchi,H., Tajima,N., Tamaki,N., Konishi,J.,

Yokoyama,A.: Effects of ischemia-reperfusion injury on myocardial single pass extraction and retention of Cu-PTSM in perfused rat hearts: comparison with ^{201}TI and ^{14}C -iodoantipyrine. *Nucl.Med.Biol.*, 21(4), 613-617, 1994.

Wada,K., Fujibayashi,Y., Tajima,N., Yokoyama,A.: Cu-ATSM, an intracellular-accessible superoxide dismutase (SOD)-like copper complex: Evaluation in an ischemia-reperfusion injury model. *Biol.Pharm.Bull.*, 17(5), 701-704, 1994.

Arano,Y., Mukai,T., Uezono,T., Wakisaka,K., Motonari,H., Akizawa,H., Taoka,Y., Yokoyama,A.: A biological method to evaluate bifunction chelating agents to label antibodies with metallic radionuclides. *J.Nucl.Med.*, 35(5), 890-898, 1994.

横山 陽 他：加速器產生放射性核種を用いたがんの断層画像診断：生理・生化学診断の展開 . INNERVERSION, 9(7), 65, 1994.

向 高弘 , 荒野 泰 , 上園 崇 , 元成裕司 , 秋澤宏行 , 横山 陽 , 阪原晴海 , 小西淳二 : Neoglycoalbumin を用いる蛋白質標識試薬の評価 : 抗体のインジウム-111 標識試薬としてのベンジル EDTA 誘導体 . 免疫核医学 , 9(1), 12-17, 1994.

Wada,K., Fujibayashi,Y., Tajima,N., Yokoyama,A.: A new radioiodinated agent for detecting radicals *in vivo*: synthesis and preliminary evaluations. *Nucl.Med.Biol.*, 21(6), 901-904, 1994.

Arano,Y., Wakisaka,K., Ohmomo,Y., Uezono,T., Mukai,T., Motonari,H., Shiono,H., Sakahara,H., Konishi,J., Tanaka,C., Yokoyama,A.: Maleimidoethyl 3-(Tri-n-butylstanny)hippurate: A useful radioiodination reagent for protein radiopharmaceuticals to enhance target selective radioactivity localization. *J.Medicinal Chemistr*, 37(16), 2609-2618, 1994.

藤林靖久 , 谷内英之 , 横山 陽 : 脳集積性 Cu 錯体の脳内滞留機序と病態核医学診断 . 放射線生物研究 , 29(4), 367-373, 1994.

Kouichi Wada, Yasuhisa Fujibayashi, Naoyuki Tajima, Akira Yokoyama: Cu-ATSM, an intracellular-accessible superoxide dismutase (SOD)-like copper complex: Evaluation in an ischemia-reperfusion injury model. Biol.Pharm.Bull., 17(5), 1-5, 1994.

Hidehiko Okazawa, Yoshiharu Yonekura, Yasuhisa Fujibayashi, Sadahiko Nishizawa, Yasuhiro Matgata, Kouichi Ishizu, Fukimo Tanaka, Tatsuro Tshuchida, Nagara Tamaki, Junji Konishi: Clinical application and quantitative evaluation of generator-produced copper-62-labeled PTSM as a brain perfusion tracer for PET. J.Nucl.Med., 35(12), 1910-1915, 1994.