

医療開発研究部門

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
西塚 哲	医療開発研究部門	特任教授	博士（医学）	システム医学 腫瘍学 定量生物学	<p>①Koizumi Y, Ahmad S, Ikeda M, Yashima-Abo A, Espina G, Sugimoto R, Sugai T, Iwaya T, Tamura G, Koeda K, Liotta LA, Takahashi F, <u>Nishizuka SS</u>; Helicobacter pylori Modulated Host Immunity in Gastric Cancer Patients With S-1 Adjuvant Chemotherapy. Northern Japan Gastric Cancer Study Consortium. J Natl Cancer Inst. 2022 Aug 8;114(8):1149-1158</p> <p>②Yaegashi M, Iwaya T, Sasaki N, Fujita M, Ju Z, Siwak D, Hachiya T, Sato K, Endo F, Kimura T, Otsuka K, Sugimoto R, Sugai T, Liotta L, Lu Y, Mills GB, Nakagawa H, <u>Nishizuka SS</u>: Frequent post-operative monitoring of colorectal cancer using individualised ctDNA validated by multiregional molecular profiling/ Br J Cancer. 2021 Apr;124(9):1556-1565.</p> <p>③Iwaya T, Endo F, Takahashi F, Tokino T, Sasaki Y, <u>Nishizuka SS</u>: Frequent Tumor Burden Monitoring of Esophageal Squamous Cell Carcinoma With Circulating Tumor DNA Using Individually Designed Digital Polymerase Chain Reaction/ Gastroenterology. 2021 Jan;160(1):463-465.e4.</p> <p>④Sasaki N, Iwaya T, Chiba T, Fujita M, Ju Z, Endo F, Yaegashi M, Hachiya T, Sugimoto R, Sugai T, Siwak DR, Liotta LA, Lu Y, Mills GB, Nakagawa H, <u>Nishizuka SS</u>: Analysis of mutational and proteomic heterogeneity of gastric cancer suggests an effective pipeline to monitor post-treatment tumor burden using circulating tumor DNA/ PLoS One. 2020 Oct 7;15(10):e0239966.</p> <p>⑤特許第6544783号「名称：がんの診断のためのプローブ/プライマーライブラリー」</p>
阿保 亜紀子	医療開発研究部門	講師	博士（医学）	人体病理学 （血液病理） 実験病理学	<p>①Akiko Yashima-Abo, Koki Otsuka, Satoshi S Nishizuka: Editorial Comment to "A nomogram Based on a Collagen Feature Support Vector Machine for Predicting the Treatment Response to Neoadjuvant Chemoradiotherapy in Rectal Cancer Patients"/Editorial, Ann Surg Oncol. doi: 10.1245/s10434-021-10328-z. Online ahead of print(2021)</p> <p>②Yoshiaki Kuroda, Akiko Yashima-Abo, Daisuke Koyama, Jiro Kikuchi, Shigehisa Mori, Shigeki Ito, Yusuke Furukawa: Bone marrow stromal cell-mediated degradation of CD20 leads to primary rituximab resistance in mantle cell lymphoma/Leukemia. 35:1506-1510(2021)</p> <p>③阿保 亜紀子, 佐藤 孝, 菅井 有: 悪性リンパ腫診断での捺印細胞診の有用性について/岩手医学雑誌 72: 243-252(2021)</p> <p>④Fujishima F, Katsushima H, Fukuhara N, Konosu-Fukaya S, Nakamura Y, Usubuchi H, Sato S, Ota Y, <u>Yashima-Abo A</u>, Nakamura T, Nakaya N, Harigae H, Sasano H, Ichinohasama R.: Immunohistochemical pattern of c-MYC protein judged as "+/(weak)+/-" by a new notation correlates with MYC gene nontranslocation in large B-cell lymphoma/Hum Pathol. 85:112-118(2019)</p> <p>⑤Yashima-Abo A, Satoh T, Shimosegawa K, Ishida Y, Masuda T.: Classical Hodgkin lymphoma occurring in association with progressive transformation of germinal center/ J Clin Exp Hematop. 54: 205-209(2014)</p>

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開 勇人	医療開発研究部門	助教	博士（農学）	分子細胞生物学 生理学	<p>①Kogo R, Manako T, Iwaya T, Nishizuka S, <u>Hiraki H</u>, Sasaki Y, Idogawa M, Tokino T, Koide A, Komune N, Yasumatsu R, Nakagawa T. Individualized circulating tumor DNA monitoring in head and neck squamous cell carcinoma. Cancer Medicine. 10.1002/cam4.4726. (2022)</p> <p>②Fujisawa R, Iwaya T, Endo F, Idogawa M, Sasaki N, <u>Hiraki H</u>, Tange S, Hirano T, Koizumi Y, Abe M, Takahashi T, Yaegashi M, Akiyama Y, Masuda M, Sasaki A, Takahashi F, Sasaki Y, Tokino T, Nishizuka SS. Early dynamics of circulating tumor DNA predict chemotherapy responses for patients with esophageal cancer. Carcinogenesis 42(10) 1239-1249 (2022)</p> <p>③<u>Hiraki H</u>, Uemura M, Kawamura Y. : Calcium signaling-linked CBF/DREB1 gene expression was induced depending on the temperature fluctuation in the field: views from the natural condition of cold acclimation / Plant and Cell Physiology 60: 303-317 (2019)</p> <p>④文部科学省学術研究助成基金助成金（研究活動スタート支援）課題名：癌細胞Ca²⁺シグナルに関連した薬剤抵抗性と治療標的分子の同定. 2019年（代表者）</p> <p>⑤文部科学省学術研究助成基金助成金（若手研究）課題名：がん細胞の分子標的薬に対する抵抗性とカルシウムシグナルの関連. 2020年（代表者）</p>