

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>①Yaegashi 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, Nishizuka SS: 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>②Iwaya T, Endo F, Takahashi F, Tokino T, Sasaki Y, Nishizuka SS: 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>③Sasaki 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, Nishizuka SS: 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>④: Nishizuka SS, Sato KA, Hachiya T. A Pipeline for ctDNA Detection Following Primary Tumor Profiling Using a Cancer-Related Gene Sequencing Panel/ Methods Mol Biol. 2019;1908:229-241.</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>

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
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（定量病理学）	<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>③Fujishima F, Katsushima H, Fukuhara N, Konosu-Fukaya S, Nakamura Y, Usubuchi H, Sato S, Ota Y, Yashima-Abo A, 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>④Satoh T, Oikawa H, Yashima-Abo A, Nishiya M, Masuda T: Expression of mucosal addressin cell adhesion molecule-1 on the reticular framework between white pulp and the marginal zone in the human spleen/J Clin Exp Hematop. 59:187-195(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>
開 勇人	医療開発研究部門	助教（任期付）	博士（農学）	分子細胞生物学 生理学	<p>①Hiraki H, Watanabe M, Uemura M, Kawamura Y. : Season specificity in the cold-induced calcium signal and the volatile chemicals in the atmosphere / Physiologia Plantarum 168: 803-818 (2019)</p> <p>②Hiraki H, Uemura M, Kawamura Y. : Calcium signaling-linked <i>CBF/DREB1</i> 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>③開 勇人, 上村松生, 河村幸男: 植物の低温感知と馴化の制御: 植物の冬季感知の理解に向けて. /生物物理 60: 98-101 (2020)</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>