

Yoko Nishiga

Basic Life Research Scientist, Pediatrics - Hematology/Oncology

Publications

PUBLICATIONS

- **Radiotherapy in combination with CD47 blockade elicits a macrophage-mediated abscopal effect.** *Nature cancer*
Nishiga, Y., Drainas, A. P., Baron, M., Bhattacharya, D., Barkal, A. A., Ahrari, Y., Mancusi, R., Ross, J. B., Takahashi, N., Thomas, A., Diehn, M., Weissman, I. L., Graves, et al
2022
- **Inter-cellular CRISPR screens reveal regulators of cancer cell phagocytosis.** *Nature*
Kamber, R. A., Nishiga, Y., Morton, B., Banuelos, A. M., Barkal, A. A., Vences-Catalan, F., Gu, M., Fernandez, D., Seoane, J. A., Yao, D., Liu, K., Lin, S., Spees, et al
2021
- **Hypofractionated intensity-modulated radiotherapy with concurrent chemotherapy for elderly patients with locally advanced pancreatic carcinoma.** *Radiation oncology (London, England)*
Iwai, T., Yoshimura, M., Ashida, R., Goto, Y., Kishi, T., Itasaka, S., Shibuya, K., Kanai, M., Masui, T., Fukuda, A., Isoda, H., Hiraoka, M., Mizowaki, et al
2020; 15 (1): 264
- **Immune receptor inhibition through enforced phosphatase recruitment.** *Nature*
Fernandes, R. A., Su, L. n., Nishiga, Y. n., Ren, J. n., Bhuiyan, A. M., Cheng, N. n., Kuo, C. J., Picton, L. K., Ohtsuki, S. n., Majzner, R. G., Rietberg, S. P., Mackall, C. L., Yin, et al
2020
- **Ubiquitin carboxyl-terminal hydrolase L1 promotes hypoxia-inducible factor 1-dependent tumor cell malignancy in spheroid models.** *Cancer science*
Li, X., Hattori, A., Takahashi, S., Goto, Y., Harada, H., Kakeya, H.
2020; 111 (1): 239-252
- **Variation in accumulated dose of volumetric-modulated arc therapy for pancreatic cancer due to different beam starting phases.** *Journal of applied clinical medical physics*
Sasaki, M., Nakamura, M., Mukumoto, N., Goto, Y., Ishihara, Y., Nakata, M., Sugimoto, N., Mizowaki, T.
2019; 20 (10): 118-126
- **Evaluation of Dynamic Tumor-tracking Intensity-modulated Radiotherapy for Locally Advanced Pancreatic Cancer.** *Scientific reports*
Nakamura, A., Hiraoka, M., Itasaka, S., Nakamura, M., Akimoto, M., Ishihara, Y., Mukumoto, N., Goto, Y., Kishi, T., Yoshimura, M., Matsuo, Y., Yano, S., Mizowaki, et al
2018; 8 (1): 17096
- **Clinical evaluation of intensity-modulated radiotherapy for locally advanced pancreatic cancer.** *Radiation oncology (London, England)*
Goto, Y., Nakamura, A., Ashida, R., Sakanaka, K., Itasaka, S., Shibuya, K., Matsumoto, S., Kanai, M., Isoda, H., Masui, T., Kodama, Y., Takaori, K., Hiraoka, et al
2018; 13 (1): 118
- **Clinical results of dynamic tumor tracking intensity-modulated radiotherapy with real-time monitoring for pancreatic cancers using a gimbal mounted linac.** *Oncotarget*
Goto, Y., Ashida, R., Nakamura, A., Itasaka, S., Shibuya, K., Akimoto, M., Mukumoto, N., Matsumoto, S., Kanai, M., Isoda, H., Masui, T., Kodama, Y., Nakamura, et al
2018; 9 (34): 23628-23635
- **Regulatory mechanisms of hypoxia-inducible factor 1 activity: Two decades of knowledge.** *Cancer science*
Koyasu, S., Kobayashi, M., Goto, Y., Hiraoka, M., Harada, H.

2018; 109 (3): 560-571

- **A Prospective Study of Intensity-modified Radiation Therapy in Comparison with Conventional 3D-RT for BR Pancreatic Cancer Patients with Arterial Involvement.** *Anticancer research*
Masui, T., Takaori, K., Anazawa, T., Sato, A., Nakano, K., Uchida, Y., Yogo, A., Goto, Y., Matsumoto, S., Kodama, Y., Kanai, M., Isoda, H., Mizumoto, et al
2017; 37 (12): 7023-7030
- **A circadian clock gene, PER2, activates HIF-1 as an effector molecule for recruitment of HIF-1# to promoter regions of its downstream genes.** *The FEBS journal*
Kobayashi, M., Morinibu, A., Koyasu, S., Goto, Y., Hiraoka, M., Harada, H.
2017; 284 (22): 3804-3816
- **The emerging roles of the ubiquitination/deubiquitination system in tumor radioresistance regarding DNA damage responses, cell cycle regulation, hypoxic responses, and antioxidant properties: Insight into the development of novel radiosensitizing strategies.** *Mutation research*
Goto, Y., Koyasu, S., Kobayashi, M., Harada, H.
2017; 803-805: 76-81
- **Inter- and Intrafractional Variation in the 3-Dimensional Positions of Pancreatic Tumors Due to Respiration Under Real-Time Monitoring.** *International journal of radiation oncology, biology, physics*
Akimoto, M., Nakamura, M., Nakamura, A., Mukumoto, N., Kishi, T., Goto, Y., Mizowaki, T., Hiraoka, M.
2017; 98 (5): 1204-1211
- **UCHL1-HIF-1 axis-mediated antioxidant property of cancer cells as a therapeutic target for radiosensitization.** *Scientific reports*
Nakashima, R., Goto, Y., Koyasu, S., Kobayashi, M., Morinibu, A., Yoshimura, M., Hiraoka, M., Hammond, E. M., Harada, H.
2017; 7 (1): 6879
- **LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis.** *Oncotarget*
Yeom, C. J., Zeng, L., Goto, Y., Morinibu, A., Zhu, Y., Shinomiya, K., Kobayashi, M., Itasaka, S., Yoshimura, M., Hur, C. G., Kakeya, H., Hammond, E. M., Hiraoka, et al
2016; 7 (40): 65837-65848
- **Aberrant IDH3# expression promotes malignant tumor growth by inducing HIF-1-mediated metabolic reprogramming and angiogenesis.** *Oncogene*
Zeng, L., Morinibu, A., Kobayashi, M., Zhu, Y., Wang, X., Goto, Y., Yeom, C. J., Zhao, T., Hirota, K., Shinomiya, K., Itasaka, S., Yoshimura, M., Guo, et al
2015; 34 (36): 4758-66
- **UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1#.** *Nature communications*
Goto, Y., Zeng, L., Yeom, C. J., Zhu, Y., Morinibu, A., Shinomiya, K., Kobayashi, M., Hirota, K., Itasaka, S., Yoshimura, M., Tanimoto, K., Torii, M., Sowa, et al
2015; 6: 6153
- **Clinical outcome and patterns of recurrence of head and neck squamous cell carcinoma with a limited field of postoperative radiotherapy.** *Japanese journal of clinical oncology*
Goto, Y., Kodaira, T., Furutani, K., Tachibana, H., Tomita, N., Ito, J., Hanai, N., Ozawa, T., Hirakawa, H., Suzuki, H., Hasegawa, Y.
2013; 43 (7): 719-25
- **Alternating chemoradiotherapy in patients with nasopharyngeal cancer: prognostic factors and proposal for individualization of therapy.** *Journal of radiation research*
Goto, Y., Kodaira, T., Fuwa, N., Mizoguchi, N., Nakahara, R., Nomura, M., Tomita, N., Tachibana, H.
2013; 54 (1): 98-107
- **Treatment outcomes of definitive chemoradiotherapy for patients with hypopharyngeal cancer.** *Journal of radiation research*
Nakahara, R., Kodaira, T., Furutani, K., Tachibana, H., Tomita, N., Inokuchi, H., Mizoguchi, N., Goto, Y., Ito, Y., Naganawa, S.
2012; 53 (6): 906-15
- **Microenvironments and cellular characteristics in the micro tumor cords of malignant solid tumors.** *International journal of molecular sciences*
Yeom, C. J., Goto, Y., Zhu, Y., Hiraoka, M., Harada, H.
2012; 13 (11): 13949-65
- **Predictive factors for radiation pneumonitis in oesophageal cancer patients treated with chemoradiotherapy without prophylactic nodal irradiation.** *The British journal of radiology*
Nomura, M., Kodaira, T., Furutani, K., Tachibana, H., Tomita, N., Goto, Y.
2012; 85 (1014): 813-8