

Stanford



Michitaka Nakano

Postdoctoral Scholar, Hematology

Bio

HONORS AND AWARDS

- AZKK Science Promotion Grant, Astra Zeneca (2013)
- Single Cell Gene Expression Analysis Awards, WAT-NeW, TakaraBio and Fluidigm (2014)
- Research grant, Fukuoka Foundation for Sound Health Cancer Research Fund (2018)
- Research grant, The Shin-Nihon Foundation of Advanced Medical Research (2018)
- Grant-in-Aid for Early-Career Scientists, Japan Society for the Promotion of Science (2019)
- Paper of the year 2019, Department of Medicine and Biosystemic Science, Kyushu University (2019)
- Overseas Research Fellow, Japan Society for the Promotion of Science (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Certified Fellow, Japanese Society of Internal Medicine (2018 - present)
- Board Certified Fellow, Japanese Society of Medical Oncology (2018 - present)

PROFESSIONAL EDUCATION

- Ph.D., Kyushu University (2019)
- Fellow, Kyushu University/National Kyushu Cancer Center , Oncology (2018)
- Residency, Aso Iizuka Hospital (2011)
- M.D., Kyushu University (2009)

STANFORD ADVISORS

- Calvin Kuo, Postdoctoral Research Mentor
- Calvin Kuo, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Translation of discoveries in basic cancer research into clinical oncology

Publications

PUBLICATIONS

- **Organoid Models of Tumor Immunology.** *Trends in immunology*

Yuki, K., Cheng, N., Nakano, M., Kuo, C. J.
2020

- **Organoids as Oracles for Precision Medicine in Rectal Cancer.** *Cell stem cell*
Kolahi, K. S., Nakano, M., Kuo, C. J.
2020; 26 (1): 4-6
- **Dedifferentiation process driven by TGF-beta signaling enhances stem cell properties in human colorectal cancer** *ONCOGENE*
Nakano, M., Kikushige, Y., Miyawaki, K., Kunisaki, Y., Mizuno, S., Takenaka, K., Tamura, S., Okumura, Y., Ito, M., Ariyama, H., Kusaba, H., Nakamura, M., Maeda, et al
2019; 38 (6): 780-93
- **Epithelial-mesenchymal transition is activated in CD44-positive malignant ascites tumor cells of gastrointestinal cancer** *CANCER SCIENCE*
Nakano, M., Ito, M., Tanaka, R., Ariyama, H., Mitsugi, K., Makiyama, A., Uchino, K., Esaki, T., Tsuruta, N., Hanamura, F., Yamaguchi, K., Okumura, Y., Sagara, et al
2018; 109 (11): 3461-70
- **PD-1+TIM-3+T cells in malignant ascites predict prognosis of gastrointestinal cancer** *CANCER SCIENCE*
Nakano, M., Ito, M., Tanaka, R., Yamaguchi, K., Ariyama, H., Mitsugi, K., Yoshihiro, T., Ohmura, H., Tsuruta, N., Hanamura, F., Sagara, K., Okumura, Y., Nio, et al
2018; 109 (9): 2986-92
- **Pemetrexed combined with platinum-based chemotherapy for advanced malignant peritoneal mesothelioma: retrospective analysis of six cases.** *Anticancer research*
Nakano, M., Kusaba, H., Makiyama, A., Ariyama, H., Arita, S., Oda, H., Esaki, T., Takayoshi, K., Uchino, K., Tamura, S., Kumagai, H., Iwama, E., Shirakawa, et al
2014; 34 (1): 215-20
- **An expanded universe of cancer targets.** *Cell*
Hahn, W. C., Bader, J. S., Braun, T. P., Califano, A., Clemons, P. A., Druker, B. J., Ewald, A. J., Fu, H., Jagu, S., Kemp, C. J., Kim, W., Kuo, C. J., McManus, et al
2021; 184 (5): 1142-55
- **Activation of central/effector memory T cells and T-helper 1 polarization in malignant melanoma patients treated with anti-programmed death-1 antibody** *CANCER SCIENCE*
Yamaguchi, K., Mishima, K., Ohmura, H., Hanamura, F., Ito, M., Nakano, M., Tsuchihashi, K., Ota, S., Wada, N., Uchi, H., Ariyama, H., Kusaba, H., Niino, et al
2018; 109 (10): 3032-42
- **E-cadherin regulates proliferation of colorectal cancer stem cells through NANOG** *ONCOLOGY REPORTS*
Tamura, S., Isobe, T., Ariyama, H., Nakano, M., Kikushige, Y., Takaishi, S., Kusaba, H., Takenaka, K., Ueki, T., Nakamura, M., Akashi, K., Baba, E.
2018; 40 (2): 693-703
- **Genome-wide CRISPR-Cas9 Screen Identifies Leukemia-Specific Dependence on a Pre-mRNA Metabolic Pathway Regulated by DCPS** *CANCER CELL*
Yamauchi, T., Masuda, T., Canver, M. C., Seiler, M., Semba, Y., Shboul, M., Al-Raqad, M., Maeda, M., Schoonenberg, V. C., Cole, M. A., Macias-Trevino, C., Ishikawa, Y., Yao, et al
2018; 33 (3): 386-+

PRESENTATIONS

- Invited Speaker - "Exploring the basis of cancer stem cells", Symposium, The 79th Annual Meeting of the Japan Cancer Association (10/1/2020 - 10/3/2020)
- Invited Panelist/Speaker - "Oncology Seminar for Students and Residents", Workshop, The 16th Annual Meeting of JSMO (7/21/2018 - 7/21/2018)