

CURRICULUM VITAE

NAME:

Daisuke Muraoka.

POSITION:

Research Assistant Professor
Center for Drug Discovery
Graduate School of Pharmaceutical Sciences

DATE OF BIRTH:

March 09, 1980

EDUCATION

2013-2016: Mie University Graduate School of Medicine (2016 Ph.D.)
2005-2006: The Graduate University for Advanced Studies
2003-2005: Kobe University (2005 M.S.)
1999-2003: Kitasato University (2003 B.S.)

PROFESSIONAL EXPERIENCE

2016-present: Research Assistant Professor, Graduate School of Pharmaceutical Sciences,
University of Shizuoka
2013-2015: Assistant Professor, Mie University Graduate School of Medicine
2006-2013: Researcher, Immunofrontier, Inc.
2006-2013: Research associate, Mie University Graduate School of Medicine

HONORS AND AWARDS:

2010 Japanese Association of Cancer Immunology, Young Investigator Award

PUBLICATIONS

1. Iwamoto K, Uehara Y, Inoue Y, Taguchi K, Muraoka D, Ogo N, Matsuno K, Asai A. Inhibition of STAT3 by anticancer drug Bendamustine. PLoS One, 12, e0170709 (2017).
2. Kashima H, Momose F, Umehara H, Miyoshi N, Ogo N, Muraoka D, Shiku H, Harada N, Asai A. Epirubicin, identified using a novel luciferase reporter assay for Foxp3 inhibitors, inhibits regulatory T cell activity. PLoS One, 10, e0156643 (2016).
3. Arato T, Daimon T, Heike Y, Ishii K, Itho K, Kageyama S, Kawakami Y, Nakayama E, Ozawa K, Sato N, Shiku H, Takeuchi M, Tani K, Tamada K, Ueda R, Yamaguchi Y, Yamanaka T, Yamaue H, Yasukawa M, Iguchi T, Kitano S, Miyahara Y, Nagata Y, Noguchi M, Terashima T, Asano T, Asonuma M, Ikeda H, Kakimi K, Takesako K, Tanaka M, Amakasu K, Yamada A, Harada N, Aoshi T, Kuroda E, Kobiyama K, Muraoka D, Yamazaki N, Kuchiba A, Tanaka S, Michimae H, Yamada T, Hanada K, Okada H, Takebe N, Hirano N,

- Okumura S, Sato D, Shibatsuji M, Yamaguchi T. 2015 Guidance on cancer immunotherapy development in early-phase clinical studies. *Cancer Science*, 106, 1761-1771 (2015).
4. Nishikawa K, Seo N, Torii M, Ma N, Muraoka D, Tawara I, Masuya M, Tanaka K, Takei Y, Shiku H, Katayama N, Kato T. Interleukin-17 induces an atypical M2-like, macrophage subpopulation that regulates intestinal inflammation. *PLoS One*, 9, e108494 (2014).
 5. Muraoka D, Harada N, Hayashi T, Tahara Y, Momose F, Sawada S, Mukai SA, Akiyoshi K, Shiku H. Nanogel-based immunologically stealth vaccine targets macrophages in the medulla of lymph node and induces potent antitumor immunity. *ACS Nano*, 8, 9209-9218 (2014).
 6. Ishihara M, Seo N, Mitsui J, Muraoka D, Tanaka M, Mineno J, Ikeda H, Shiku H. Systemic CD8⁺ T cell-mediated tumoricidal effects by intratumoral treatment of oncolytic herpes simplex virus with the agonistic monoclonal antibody for murine glucocorticoid-induced tumor necrosis factor receptor. *PLoS One*, 9, e104669 (2014).
 7. Kumar A, Torii T, Ishino Y, Muraoka D, Yoshimura T, Togayachi A, Narimatsu H, Ikenaka K, Hitoshi S. The Lewis X-related α 1,3-fucosyltransferase, Fut10, is required for the maintenance of stem cell populations. *The Journal of Biological Chemistry*, 288, 28859-28868 (2013).
 8. Muraoka D, Nishikawa H, Noguchi T, Wang L, Harada N, Sato E, Luescher I, Nakayama E, Kato T, Shiku H. Establishment of animal models to analyze the kinetics and distribution of human tumor antigen-specific CD8⁺ T cells. *Vaccine*, 31, 2110-2118 (2013).
 9. Muraoka D, Kato T, Wang L, Maeda Y, Noguchi T, Harada N, Takeda K, Yagita H, Guillaume P, Luescher I, Old LJ, Shiku H, Nishikawa H. Peptide vaccine induces enhanced tumor growth associated with apoptosis induction in CD8⁺ T cells. *The Journal of Immunology*, 185, 3768-3776 (2010).
 10. Mitsui J, Nishikawa H, Muraoka D, Wang L, Noguchi T, Sato E, Kondo S, Allison JP, Sakaguchi S, Old LJ, Kato T, Shiku H. Two distinct mechanisms of augmented antitumor activity by modulation of immunostimulatory/inhibitory signals. *Clinical Cancer Research*, 16, 2781-2791 (2010).
 11. Iwakura T, Iwafuchi M, Muraoka D, Yokosuka M, Shiga T, Watanabe C, Ohtani-Kaneko R. In vitro effects of bisphenol A on developing hypothalamic neurons. *Toxicology*, 272, 52-58 (2010).
 12. Ohtani-Kaneko R, Iwafuchi M, Iwakura T, Muraoka D, Yokosuka M, Shiga T, Watanabe C. Effects of estrogen on synapsin I distribution in developing hypothalamic neurons. *Neuroscience Research*, 66, 180-188 (2010).
 13. Yokosuka M, Ohtani-Kaneko R, Yamashita K, Muraoka D, Kuroda Y, Watanabe C. Estrogen and environmental estrogenic chemicals exert developmental effects on rat hypothalamic neurons and glia. *Toxicol In Vitro*, 22, 1-9, (2008).

14. Muraoka D, Katsuyama Y, Kikkawa S, Terashima T. Postnatal development of entorhinodentate projection of the Reeler mutant mouse. *Developmental Neuroscience*, 29, 59-72, (2007).
15. Baba K, Dekimoto H, Muraoka D, Agata K, Terashima T, Katsuyama Y. A mouse homologue of Strawberry Notch is transcriptionally regulated by Reelin signal. *Biochemical and Biophysical Research Communications*, 350, 842-849 (2006).