Curriculum Vitae

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Assistant Professor

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Personal Information:
Name, Family name: Ogo
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Sex: Male
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Research and professional experience:
2012 (Nov) – present: Assistant Professor, Graduate School of Pharmaceutical Sciences, University of Shizuoka
2012 (Apr) – 2012 (Oct): Senior Scientist, Department of Pharmaceutics and Foods Science, Shizuoka Institute of Environment and Hygiene
2004 (Apr) – 2012 (Mar): Stuff Scientist, Department of Pharmaceutics and Foods Science, Shizuoka Institute of Environment and Hygiene
1999 (Apr) – 2004 (Mar): Researcher, Biomedical Research Laboratories, Suntory Co., Ltd.

Education:
Ph. D. (2008): Graduate School of Pharmaceutical Sciences, University of Shizuoka
M. Sc. (1999): Graduate School of Pharmaceutical Sciences, Kyoto University
B. Sc. (1996): Faculty of Pharmaceutical Sciences, Kyoto Pharmaceutical University

Ph. D. Thesis:

Studies on chemicalgenetics for drug discovery

—Discovery of novel anticancer and antiinfluenzavirus agents using chemical library—

(Under the direction of *Prof. Akira Asai*)

Research Interests:

- Construction of a low molecule compound library for *drug screening*
- *Medicinal chemistry* for novel anti-cancer drug candidates
- *Chemical biology* using novel anti-cancer drug candidates

Publications:

1. Keiichiro Hayashi, Hiroyuki Michiue, Hiroshi Yamada, Katsuyoshi Takata, Hiroki Nakayama, Fan-Yan Wei, Atsushi Fujimura, Hiroshi Tazawa, Akira Asai, Naohisa Ogo, Hiroyuki Miyachi, Tei-ichi Nishiki, Kazuhito Tomizawa, Kohji Takei, and Hideki Matsui.: Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. *Sci. Report*, in press (2016)
2. Mai Ohba, Tomoichiro Oka, Takayuki Ando, Saori Arahata, Asaka Ikegaya, Hirotaka Takagi, Naohisa Ogo, Kazuhiro Owada, Fumihiko Kawamori, Qiuhong Wang, Linda J. Saif, Akira Asai.: Discovery and synthesis of heterocyclic carboxamide derivatives as potent anti-norovirus agents. *Chem. Pharm. Bull.*, in press (2016)
3. Naohisa Ogo, Yoshinobu Ishikawa, Jun-ichi Sawada, Kenji Matsuno, Akihiro Hashimoto, and Akira Asai.: Structure-guided design of novel L-cysteine derivatives as potent KSP inhibitors. *ACS Med. Chem. Lett.*, **6**, 1004-1009 (2015)
4. Hideshi Yokoyama, Jun-ichi Sawada, Shiori Katoh, Kenji Matsuno, Naohisa Ogo, Yoshinobu Ishikawa, Hiroshi Hashimoto, Satoshi Fujii, and Akira Asai.: Structural basis of new allosteric inhibition in kinesin spindle protein Eg5. *ACS Chem. Biol.*, **10**, 1128-1136 (2015)
5. Fiorella Meneghetti, Stefania Villa, Daniela Masciocchi, Daniela Barlocco, Lucio Toma, Dong-Cho Han, Byoung-Mog Kwon, Naohisa Ogo, Akira Asai, Laura Legnani, and Arianna Gelain.: Ureido-pyridazinone derivatives: Insights into the structural and conformational properties for STAT3 Inhibition. *Eur. J. Org. Chem.*, **22**, 4907-4912, (2015)
6. Hiroshi Yamada, Tadashi Abe, Shun-Ai Li, Shota Tago, Peng Huang, Masami Watanabe, Satoru Ikeda, Naohisa Ogo, Akira Asai, Kohji Takei.: *N*-[4-(dipropylamino)benzylidene]-2-hydroxybenzohydrazide is a dynamin GTPase inhibitor that suppresses cancer cell migration and invasion by inhibiting actin polymerization. *Biochem. Biophys. Res. Commun.,* **443**, 511-517 (2014)
7. Kazuyuki Takakuma, Naohisa Ogo, Yutaka Uehara, Susumu Takahashi, Nao Miyoshi, Akira Asai.: Novel multiplexed assay for identifying SH2 domain antagonists of STAT family proteins. *PLOS ONE,* Aug 16, **8**, e71646 (2013)

8. Tadashi Ashizawa, Haruo Miyata, Akira Iizuka, Masaru Komiyama, Chie Oshita, Akiko Kume, Masahiro Nogami, Mika Yagoto, Ichiro Ito, Takuma Oishi, Reiko Watanabe, Koichi Mitsuya, Kenji Matsuno, Toshio Furuya, Tadashi Okawara, Masami Otsuka, Naohisa Ogo, Akira Asai, Yoko Nakasu, Ken Yamaguchi, Yasuto Akiyama.: Effect of the STAT3 inhibitor STX-0119 on the proliferation of cancer stem-like cells derived from recurrent glioblastoma. *Int. J. Oncol.,* **43**, 219-227 (2013)
9. Shintaro Nakano, Kazushige Takai, Yoshinobu Isaka, Susumu Takahashi, Yuka Unno, Naohisa Ogo, Kenji Matsuno, Osamu Takikawa, Akira Asai.: Identification of novel kynurenine production-inhibiting benzenesulfonamide derivatives in cancer cells. *Biochem. Biophys. Res. Commun.,* 419, 556-561 (2012)
10. Kenji Matsuno, Hiroshi Yamazaki, Yoshinobu Isaka, Kazushige Takai, Yuka Unno, Naohisa Ogo, Yoshinobu Ishikawa, Satoshi Fujii, Osamu Takikawa, Akira Asai.: Novel candesartan derivatives as indoleamine-2,3-dioxygenase inhibitors. *Med Chem Commun.*, **3**, 475-479 (2012)
11. Tadashi Ashizawa, Haruo Miyata, Hidee Ishii, Chie Oshita, Kenji Matsuno, Yoshiaki Masuda, Toshio Furuya, Tadashi Okawara, Masami Otsuka, Naohisa Ogo, Akira Asai, Yasuto Akiyama.: Antitumor activity of a novel small molecule STAT3 inhibitor against a human lymphoma cell line with high STAT3 activation. *Int. J. Oncol.,* **38**, 1245-1252 (2011)
12. Makiko Shimizu, Hirosuke Ishii, Naohisa Ogo, Yuka Unno, Kenji Matsuno, Jun-ichi Sawada, Yasuto Akiyama, Akira Asai.: S-trityl-L-cysteine derivative induces caspase-independent cell death in K562 human chronic myeloid leukemia cell line. *Cancer Lett.,* **298**, 99-106 (2010)
13. Kenji Matsuno, Yoshiaki Masuda, Yutaka Uehara, Hiroshi Sato, Ayumu Muroya, Osamu Takahashi, Takane Yokotagawa, Toshio Furuya, Tadashi Okawara, Masami Otsuka, Naohisa Ogo, Tadashi Ashizawa, Chie Oshita, Sachie Tai, Hidee Ishii, Yoshito Akiyama and Akira Asai.: Identification of a new series of STAT3 inhibitors by virtual screening. *ACS Med. Chem. Lett.,* **1**, 371-375 (2010)
14. Makiko Shimizu, Hirosuke Ishii, Naohisa Ogo, Kenji Matsuno, Akira Asai.: Biochemical analysis of cellular target of S-trityl-L-cysteine derivatives using affinity matrix. *Bioorg. Med. Chem. Lett.,* **20**, 1578-1580 (2010)
15. Tsuyoshi Oikawa, Yuka Unno, Kenji Matsuno, Jun-ichi Sawada, Naohisa Ogo, Kiyoshi Tanaka, Akira Asai.: Identification of a small-molecule inhibitor of the interaction between Survivin and Smac/DIABLO. *Biochem. Biophys. Res. Commun.,* **393**, 253-258 (2010)
16. Nobuyuki Suzuki, Naohisa Ogo, Yumie Maeda, Kazunori Takahashi, Akira Asai.: Study on construction and the use of Shizuoka chemical library for the drug discovery in Fuji pharma valley. *Bulletin of Shizuoka Institute of Environment and Hygiene.,* **53**, 53-57 (2010)
17. Kenji Matsuno, Jun-ichi Sawada, Mina Sugimoto, Naohisa Ogo, and Akira Asai.: Bis(hetero)aryl derivatives as unique kinesin spindle protein inhibitors. *Bioorg Med Chem Lett.,* **19**, 1058-1061 (2009)
18. Hiroyuki Kurita, Kumiko Mizuno, Koichi Kuromi, Nobuyuki Suzuki, Chie Ueno, Mitsuko

Kamimura, Atsuko Fujiwara, Kazuhiro Owada, Naohisa Ogo, Masatoshi Yamamoto.: Identification of aminotadalafil and its stereoisomers contained in health foods using liquid chromatography-mass spectrometry. *J. Health Sci.*, **54**, 310-314 (2008)

19. Naohisa Ogo, Shinya Oishi, Kenji Matsuno, Jun-ichi Sawada, Nobutaka Fujii, Akira Asai.: Synthesis and biological evaluation of l-cysteine derivatives as mitotic kinesin Eg5 inhibitors. *Bioorg. Med. Chem. Lett.*, **17**, 3921-3924 (2007)