

## 研究成果の刊行に関する一覧表

### 雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Yamakawa, N., Suemasu, S., Matoyama, M., Tanaka, K., Katsu, T., Okamoto, Y., Ohtsuka, M. and <u>Mizushima, T.</u>	Synthesis and biological evaluation of loxoprofen derivatives.	<b><i>Bioorg. &amp; Medic. Chem.</i></b>	19	3299-3311.	2011
Tanaka, K., Tanaka, Y., Suzuki, T. and <u>Mizushima, T.</u>	Protective Effect of $\beta$ -(1,3-1,6)-D-glucan against irritant-induced gastric lesions.	<b><i>Br. J. Nutr.</i></b>	106	475-485.	2011
Hoshino, T., Murao, N., Namba, T., Takehara, M., Adachi, H., Katsuno, M., Sobue, G., Matsushima, T., Suzuki, T. and <u>Mizushima, T.</u>	Suppression of Alzheimer's disease-related phenotypes by expression of heat shock protein 70 in mice.	<b><i>J. Neurosci.</i></b>	31	5225-5234.	2011
Takehara, M., Hoshino, T., Namba, T., Yamakawa, N. and <u>Mizushima, T.</u>	Acetaminophen-induced differentiation of human breast cancer stem cells and inhibition of tumor xenograft growth in mice	<b><i>Biochem. Pharmacol.</i></b>	81	1124-1135.	2011
<u>Mizushima, T.</u>	Drug discovery and development focusing on existing medicines: Drug re-profiling strategy.	<b><i>J. Biochem.</i></b>	49	499-505.	2011
Tanaka, K., Tanaka, Y., Miyazaki, Y., Namba, T., Sato, K., Aoshiba, K., Azuma, A. and <u>Mizushima, T.</u>	Therapeutic effect of lecithinized superoxide dismutase on pulmonary emphysema.	<b><i>J. Pharmacol. Exp. Ther.</i></b>	338	810-818.	2011
Ishihara, T., Suemasu, S., Asano, T., Tanaka, K. and <u>Mizushima, T.</u>	Stimulation of gastric ulcer healing by heat shock protein 70.	<b><i>Biochem. Pharmacol.</i></b>	82	728-736.	2011
Namba, T., Tanaka, K., Hoshino, T., Azuma, A. and <u>Mizushima, T.</u>	Suppression of expression of heat shock protein 70 by gefitinib and its contribution to pulmonary fibrosis.	<b><i>PLoS ONE.</i></b>	6	e27296	2011
Hoshino, T., Namba, T., Takehara, M., Murao, N., Sugimoto, Y., Narumiya, S., Matsushima, T., Suzuki, T. and <u>Mizushima, T.</u>	Improvement of cognitive function in Alzheimer's disease model mice by genetic and pharmacological inhibition of the EP <sub>4</sub> receptor.	<b><i>J. Neurochem.</i></b>	120	795-805.	2012
Yamashita, Y., Ikeda, T., Matsuda, M., Maji, D., Hoshino, T. and <u>Mizushima, T.</u>	purification and characterization of hsp-inducers from <i>eupatorium lindleyanum</i> .	<b><i>Biochem. Pharmacol.</i></b>	82	909-922.	2012

Asano, T., Tanaka, K., Suemasu, S., Ishihara, T., Tahara, K., Suzuki, T., Suzuki, H., Fukudo, S. and <u>Mizushima, T.</u>	Effects of $\alpha$ -(1,3-1,6)-D-glucan on irritable bowel syndrome-related colonic hypertensivity.	<b>Biochem. Biophys. Res. Commun.</b>	420	444-449	2012
Tanaka, K., Sato, K., Aoshiba, K., Azuma, A. and <u>Mizushima, T.</u>	Superiority of PC-SOD to other anti-COPD drugs for elastase-induced emphysema and alteration in lung mechanics and respiratory function in mice	<b>Am. J. Physiol. Lung Cell. Mol. Physiol.</b>	302	L1250-L1261	2012
Yamakawa, N., Suemasu, S., Okamoto, Y., Tanaka, K., Ishihara, T., Asano, T., Miyata, k., Ohtsuka, M. and <u>Mizushima, T.</u>	Synthesis and biological evaluation of derivatives of 2-[2-fluoro-4-[(2-oxocyclopropyl)methyl]phenyl]propanoic acid: Non-steroidal anti-inflammatory drugs with low gastric ulcerogenic activity.	<b>J. Med. Chem.</b>	55	5143-5150	2012
<u>Mizushima, T.</u>	Development of NSAIDs with lower gastric side effect.	<b>Frontier of Gastrointestinal Research</b>	30	71-78	2012
Tanaka, K., Azuma, A., Miyazaki, Y., Sato, K. and <u>Mizushima, T.</u>	Effects of lecithinized superoxide dismutase and/or pirfenidone against bleomycin-induced pulmonary fibrosis.	<b>CHEST</b>	142	1011-1019	2012
Suemasu, S., Yamakawa, N., Ishihara, T., Asano, T., Tahara, K., Tanaka, K., Matsui, M., Okamoto, Y., Otsuka, M., Takeuchi, K., Suzuki, S. and <u>Mizushima, T.</u>	Identification of a unique NSAID, fluoro-loxoprofen with gastroprotective activity.	<b>Biochem. Pharmacol.</b>	84	1470-1481	2012
Tanaka, K., Shirai, A., Ito, Y., Namba, T., Tahara, K., Yamakawa, N. and <u>Mizushima, T.</u>	Expression of 150-kDa oxygen-regulated protein (ORP150) stimulates bleomycin-induced pulmonary fibrosis and dysfunction in mice.	<b>Biochem. Biophys. Res. Commun.</b>	425	818-824	2012
Matsuda, M., Hoshino, T., Yamakawa, N., Tahara, K., Adachi, H., Sobue, G., Maji, D., Ihn, H. and <u>Mizushima, T.</u>	Suppression of UV-induced wrinkle formation by induction of HSP70 expression in mice.	<b>J. Invest. Dermatol.</b>	133	919-928	2012
Nakashita, M., Suzuki, H., Miura, S., Taki, T., Uehara, K., Mizushima, T., Nagata, H. and Hibi, T.	Attenuation of acetic acid-induced gastric ulcer formation in rats by glucosylceramide synthase inhibitors.	<b>Digestive Diseases and Sciences</b>	58	354-362.	2013

Yamakawa, N., Suemasu, S., Watanabe, H., Tahara, K., Tanaka, K., Okamoto, Y., Ohtsuka, M., Maruyama, T. and <u>Mizushima, T.</u>	Comparison of pharmacokinetics between loxoprofen and its derivative with lower ulcerogenic activity, fluoro-loxoprofen.	<b><i>Drug Metab. Pharmacokin et.</i></b>	28	118-124	2013
Tanaka, R., Watanabe, H., Kodama, A., Chuang, VTG., Ishima, Y., Hamasaki, K., Tanaka, K., <u>Mizushima, T.</u> , Otagiri, M. and Maruyama, T.	Long-acting human serum albumin-thioredoxin fusion protein suppresses bleomycin-induced pulmonary fibrosis progression.	<b><i>Biochem. Pharmacol.</i></b>	345	271-283.	2013
Ishihara, T., Yamashita, Y., Takasaki, N., Yamamoto, S., Hayashi, E., Tahara, K., Takenaga, M., Yamakawa, N., Ishihara, T., Kasahara, T. and <u>Mizushima, T.</u>	Prostaglandin E <sub>1</sub> -encapsulated nanoparticles improve walking activity in an experimental rat model of intermittent claudication.	<b><i>Am. J. Physiol. Lung Cell. Mol. Physiol.</i></b>	65	1187-1194	2013
Yamashita, Y., Hanaya, K., Sugai, T., <u>Mizushima, T.</u> and Shoji, M.	Chemo-enzymatic enantioconvergent approach toward ethyl shikimate from ethyl 5-hydroxy-3,4-isopropylidenedioxycyclohex-1-enecarboxylate.	<b><i>Tetrahedron</i></b>	69	6527-6532	2013
Hoshino, T., Suzuki, K., Matsushima, T., Yamakawa, N., Suzuki, T. and <u>Mizushima, T.</u>	Suppression of Alzheimer's disease-related phenotypes by geranylgeranylacetone in mice.	<b><i>PLoS One</i></b>	8	e76306	2013
Tanaka, K., Ishihara, T., Sugizaki, T., Kobayashi D., Yamashita, Y., Tahara, K., Yamakawa, N., Iijima, K., Mogushi, K., Tanaka, H., Sato, K., Suzuki, H. and <u>Mizushima, T.</u>	Mepenzolate bromide displays beneficial effects in a mouse model of chronic obstructive pulmonary disease.	<b><i>Nature Communications</i></b>	4	2686	2013
Yamakawa, N., Suzuki, K., Yamashita, Y., Katsu, T., Hanaya, K., Shoji, M., Sugai, T. and <u>Mizushima, T.</u>	Structure-activity relationship of celecoxib and rofecoxib for the membrane permeabilizing activity.	<b><i>Bioorg. &amp; Medic. Chem.</i></b>	22	2529-2534	2014
Tanaka, K., Kurotsu, S., Asano, T., Yamakawa, N., Kobayashi D., Yamashita, Y., Yamazaki, H., Ishihara, T., Watanabe, H., Maruyama, T., Suzuki, H. and <u>Mizushima, T.</u>	Superiority of pulmonary administration of mepenzolate bromide over other routes as treatment for chronic obstructive pulmonary disease.	<b><i>Scientific Reports</i></b>	28	4510	2014

<p>Sawazaki, R., Ishihara, T., Usui, S., Hayashi, E., Tahara, K., Hoshino, T., Higuchi, A., Nakamura, S., Tsubota, K. and <u>Mizushima, T.</u></p>	<p>Diclofenac protects cultured human corneal epithelial cells against hyperosmolarity and ameliorates corneal surface damage in a rat model of dry eye.</p>	<p><b><i>Invest. Ophthalmol. Vis. Sci.</i></b></p>	<p>55</p>	<p>2547-2556</p>	<p>2014</p>
--	--	--	-----------	------------------	-------------