

原著論文

Food and food function

Naoyoshi Nishibori, Miyuu Ujitugu, Tsuyoshi Moriuchi, Kyoji Morita (2019)
Angiotensin converting enzyme inhibition by aqueous extract of *Citrus sudachi* peels
Advance Journal of Food Science & Technology 17:37-42

R.Kishibuchi, N.Nishibori, T.Sagara, K.Morita (2019)
Putative effect of Spirulina extract on enzyme activities participating in lipid and carbohydrate digestion process
Journal of Dietary Supplements 16: 521-529

Nishibori N., Kishibuchi R., Morita K. (2018)
Suppressive effect of Okara on intestinal lipid digestion and absorption in mice ingesting high fat diet.
International Journal of Int. Journal of Food Science and Nutrition 69: 690-695.

Nishibori N., Kishibuchi R., Her S., Lee M.S., Morita K. (2017)
Lotus root extract stimulates BDNF gene expression through potential mechanism depending on HO-1 activity in C6 glioma cells.
Journal of Dietary Supplement 15: 11-23.

Nishibori N., Kishibuchi R, Morita K. (2017)
Soy pulp extract inhibits angiotensin 1-converting enzyme (ACE) In Vitro: Evidence for its potential hypertension-improving action.
Journal of Dietary Supplement 14: 241-251.

Morita K., Nishibori N., Kishibuchi R., Nemoto H. (2017)
Fermented Brown rice extract stimulates BDNF gene transcription in C6 glioma cells possible connection with HO-1 expression.
Journal of Dietary Supplement 14: 214-228.

Itoh M., Nishibori N., Her S., Lee M.S., Morita K. (2015)
Chemical hypoxia-induced stimulation of polyamine biosynthesis and ornithine decarboxylase gene transcription in C6 glioma cells.
Journal of Molecular Pathophysiology 4: 29-37.

- Morita K., Itoh M., Nishibori N., Her S., Lee M.S. (2015)
Spirulina Non-Protein Components Induce BDNF Gene Transcription via HO-1 Activity in C6 Glioma Cells.
Applied Biochemistry and Biotechnology 175: 892–901.
- Sagara T., Nishibori N., Kishibuchi R., Itoh M., Morita K. (2015)
Non-protein components of Arthrospira (Spirulina) platensis protect PC12 cells against iron-evoked neurotoxic injury.
Journal of Applied Phycology 27: 849–855.
- Morita K., Lee M.S., Her S., Nishibori N. (2014)
Polyamines cause elevation of steroid 5 α -reductase mRNA levels by suppressing mRNA degradation in C6 glioma cells.
Cell Biology International 38: 1132-1137.
- Nishibori N., Tanaka H., Kishibuchi R., Hiroi T., Sagara T., Hattori K., Morita K. (2013)
Contribution of non-peptide substances to inhibition of angiotensin I-converting enzyme by aqueous extract of brown seaweed *Undaria pinnatifida*.
Phytopharmacology 4: 638-647.
- Sagara T., Nishibori N., Itoh M., Morita K., Her S. (2013)
Palytoxin causes non-oxidative necrotic damage to PC12 cells in culture.
Journal of Applied Toxicology 33: 120-124.
- Itoh M., Hiroi T., Nishibori N., Sagara T., Her S., Lee M.S., Morita K. (2013)
Trichostatin A Enhances Glutamate Transporter GLT-1 mRNA Levels in C6 Glioma Cells via Neurosteroid-Mediated Cell Differentiation.
Journal of Molecular Neuroscience 49: 21–27.
- Nishibori N., Kishibuchi R., Sagara T., Itoh M., Horie Y., Morita K. (2013)
Angiotensin-I converting enzyme (ACE) inhibitory activity of aqueous extract prepared from fermented brown rice: A potential functional food for management of hypertension.
Phytopharmacology 4: 237-245.
- Nishibori N., Sagara T., Hiroi T., Kishibuchi R., Sawaguchi M., Itoh M., Morita K., Her S. (2012)
Inhibition of angiotensin I-converting enzyme (ACE-I) by aqueous extracts prepared from edible and

non-edible parts of lotus root.

Phytopharmacology 3: 309-318.

Nishibori N., Sawaguchi M., Hiroi T., Sagara T., Itoh M., Her S., Lee S.M., Morita K. (2012)

Inhibitory effects of aqueous extract prepared from joint part of lotus root on α -amylase and α -glucosidase activities.

Phytopharmacology 3: 1-11

Sagara T., Nishibori N., Sawaguchi M., Hiroi T., Itoh M., Her S., Morita K. (2012)

Lotus root (*Nelumbo nucifera* rhizome) extract causes protective effect against iron-induced toxic damage to C6 glioma cells.

Phytopharmacology 2: 179-189.

Nishibori N., Sagara T., Hiroi T., Sawaguchi M., Itoh M., Her S., Morita K. (2012)

Protective effect of *Undaria pinnatifida* sporophyll extract on iron-induced cytotoxicity and oxidative stress in PC12 neuronal cells.

Phytopharmacology 2: 271-284.

Itoh M., Nishibori N., Sagara T., Horie Y., Motojima A., Morita K. (2012)

Extract of fermented brown rice induces apoptosis of human colorectal tumor cells by activating mitochondrial pathway.

Phytotherapy research 26: 1661-1666.

Nishibori N., Itoh M., Kashiwagi M., Arimochi H., Morita K. (2012)

In vitro cytotoxic effect of ethanol extract prepared from sporophyll of *Undaria pinnatifida* on human colorectal cancer cells.

Phytotherapy research 26: 191 – 196.

Arimochi H., Sawada E., Kataoka K., Nishibori N., Itoh M., Morita K. (2011)

Extract of lotus root (*Nelumbo nucifera* rhizome) causes necrotic damage to human colorectal cancer cells in culture.

Natural Products: An Indian Journal 7: 239-246.

Nishibori N., Fujihara S., Akatuki T. (2007)

Amounts of polyamines in foods in Japan and intake by Japanese

Food Chemistry 100: 491-497.