

CURRICULUM VITAE

FUMIYO TAKABAYASHI

School of Nursing, University of Shizuoka (Shizuoka, Japan)

Associate Professor,

Email: tkbys@u-shizuoka-ken.ac.jp

Phone and fax: +81-54-264-5102

Address: Yada 52-1, Suruga-ku, Shizuoka, 422-8526 Japan

EDUCATION

1998 PhD in Pharmacy, University of Shizuoka

1979 BA in Pharmacy, Shizuoka Pharmaceutical College

APPOINTMENTS AND AFFILIATIONS

2014- Associate Professor, School of Nursing, University of Shizuoka

2007-2013 Associate Professor, Junior College, University of Shizuoka

1997-2006 Assistant Professor, Junior College, University of Shizuoka

PROFESSIONAL MEMBERSHIPS

The Pharmaceutical Society of Japan

Japan Society of Clinical Oncology

PUBLICATIONS

Refereed Journal Articles

- Takabayashi F, Sekiguchi H. Viscous methyl cellulose solution thickens gastric mucosa and increases the number of gland mucous cells in mice. *Bri J Nutr.* 2013 110(7):1195-200
- Sekiguchi H, Takabayashi F, Irie K, Murakami A. Auraptene attenuates gastritis via reduction of *Helicobacter pylori* colonization and pro-inflammatory mediator production in C57BL/6 mice. *J Med Food.* 2012 15(7): 658-63.
- Unno K, Fujitani K, Takamori N, Takabayashi F, Maeda K, Miyazaki H, Tanida N, Iguchi K, Shimoi K, Hoshino M. Theanine intake improves the shortened lifespan, cognitive dysfunction and behavioural depression that are induced by chronic psychosocial stress in mice. *Free Radic Res.* 2011 45(8): 966-74.

- Unno K, Sugiura M, Ogawa K, Takabayashi F, Toda M, Sakuma M, Maeda K, Fujitani K, Miyazaki H, Yamamoto H, Hoshino M. Beta-cryptoxanthin, plentiful in Japanese mandarin orange, prevents age-related cognitive dysfunction and oxidative damage in senescence-accelerated mouse brain. *Biol Pharm Bull.* 2010 34(3): 311-7.
- Toyozumi T, Sekiguchi H, Takabayashi F, Deguchi Y, Masuda S, Kinae N. Induction effect of coadministration of soybean isoflavones and sodium nitrite on DNA damage in mouse stomach. *Food Chem Toxicol.* 2010 48(10): 2585-91.
- Sekiguchi H, Takabayashi F, Deguchi Y, Masuda H, Toyozumi T, Masuda S, Kinae N. Leaf extract of *Wasabia japonica* relieved oxidative stress induced by *Helicobacter pylori* infection and stress loading in Mongolian gerbils. *Biosci Biotechnol Biochem.* 2010 74(6): 1194-9.
- Unno K, Yamamoto H, Maeda K, Takabayashi F, Yoshida H, Kikunaga N, Takamori N, Asahina S, Iguchi K, Sayama K, Hoshino M. Protection of brain and pancreas from high-fat diet: effects of catechin and caffeine. *Physiol Behav.* 2009 96(2):262-9.
- Unno K, Ishikawa Y, Takabayashi F, Sasaki T, Takamori N, Iguchi K, Hoshino M. Daily ingestion of green tea catechins from adulthood suppressed brain dysfunction in aged mice. *Biofactors.* 2008 34(4):263-71.
- Kaneko T, Tahara S, Takabayashi F. Inhibitory effect of natural coumarin compounds, esculetin and esculin, on oxidative DNA damage and formation of aberrant crypt foci and tumors induced by 1,2-dimethylhydrazine in rat colons. *Biol Pharm Bull.* 2007 Nov;30(11):2052-7.