

เอกสารอ้างอิง

- กาญจนภาพน์ ลีวมนนต. 2527. สหาย คณประมง มหาวิทยาลัยเกษตรศาสตร์. 343 หน้า.
- กาญจนภาพน์ ลีวมนนต. 2550. จากวันนั้นถึงวันนี้...6 ปีที่ผ่านมา. ใน: โครงการอนุรักษ์พันธุกรรม
พืชอันเนื่องมาจากพระราชดำริ สมเด็จพระเทพรัตนราชสุดาฯ สยามบรมราชกุมารี, จากยอดเขาถึงใต้
ทะเล 2 สรรพสิ่งล้วนพันเกี่ยว.. ผู้ .. ประโยชน์แท้แก่มหชน. หน้า 42-72.
- สถาบันมะเร็งแห่งชาติ.สถิติมะเร็ง. วันที่ค้นข้อมูล 1 กันยายน 2553, เข้าถึงได้จาก
<http://www.nci.go.th/knowledge/ahatis.html>
- Aisa Y, Miyakawa Y, Nakazato T, Shibata H, Saito K, Ikeda Y & Kizaki M. Fucoidan induces
apoptosis of human HS-Sultan cells accompanied by activation of caspase-3 and down-
regulation of ERK pathways. *AM J Hematol*. 2005, 78(1); 7-14.
- Bhaskar N, Hosakawa M & Miyashita K. Growth inhibition of human pro-myelocytic leukemia (HL-
60) cells by lipid extracts of marine alga *Sargassum marginatum* (Fucales, Phaeophyta)
harvested off Goa (west coast of India) with special reference to fatty acid composition. *Ind J
Mar Sci*. 2004, 33(4); 355-60.
- Fornari FA, Randolph JK, Yalowich JC, Ritke MK and Gewirtz DA. Interference by doxorubicin
with DNA unwinding in MCF-7 breast tumor cells. *Mol Pharmacol*. 1994, 45 (4), 649-56.
- Gamal-Eldeen AM, Ahmed EF & Abo-Zeid MA. In vitro cancer chemopreventive properties of
polysaccharide extract from the brown alga, *Sargassum latifolium*. *Food Chem Toxic*. 2009,
47; 1378-84.
- Hosokawa M, Miyashita T, Nishikawa S, Tsukui T, Beppu F, Okada T & Miyashita K. Fucoxanthin
regulates adipocytokine mRNA expression in white adipose tissue of diabetic/obese KK-A^y
mice. *Arc. Biochem Biophys*. 2010. (in press)
- Hosokawa M, Wanezaki S, Miyauchi K, Kurihara H, Kohno H & Kawabata J. Apoptosis-inducing
effect of fucoxanthin on human leukemia cell HL-60. *Food Sci Technol Res*. 1999, 5; 243-6.
- Hosokawa M, Kudo M, Maeda H, Kohno H, Tanaka T & Miyashita K. Fucoxanthin induces
apoptosis and enhances the antiproliferative effect of the PPARgamma ligand, troglitazone,
on colon cancer cells. *BBA*. 2004, 1675; 113-9.
- Jha RK & Rong XZ. Biomedical compounds from marine organisms. *Mar Drug*. 2004, 2; 123-46.
- Kim J & Park EJ. Cytotoxic anticancer candidates from natural resources. *Curr Med Chem*. 2002, 2;
725-37.
- Koyanagi S, Tanigawa N, Nakagawa H, Soeda S & Shimeno H. Oversulfation of fucoidan enhances
its anti-angiogenic and antitumor activities. *Biochem Pharm*. 2003, 65; 173-79.

- Kuo PL, Hsu YL & Lin CC. The chemopreventive effects of natural products against human cancer cells. *Int J Appl Sci Eng*. 2005, 3; 203-14.
- Li B, Lu F, Wei X & Zhao R. Fucoidan: Structure and Bioactivity. *Molecules*. 2008, 13; 1671-95.
- Linfert D.R, Chen C, Ma L, Lai T & Tsongalis GJ. Internucleosomal DNA Fragmentation in Apoptotic Myocytes . *Clinical Chemistry*. 1997, 43; 2431-34.
- Maeda H, Hosokawa M, Sashima T, Funayama K & Miyashita K. Fucoxanthin from edible brown seaweed, *Undaria pinnatifida* shows antiobesity effect through UCP1 expression in white adipose tissues. *BRRC*. 2005, 332;392-97.
- Maeda H, Hosokawa M, Sashima T, Funayama-Murakami K & Miyashita K. Antiobesity and anti-diabetic effects of fucoxanthin on diet-induced obesity conditions in murine model. *Mol Med Rep*. 2009, 2; 897-902.
- Moore A, Donahue CJ, Bauer KD & Mather JP. Simultaneous measurement of cell cycle and apoptotic cell death. *Methoda Cell Biol*. 1998, 57; 265-78.
- Nakazawa Y, Sashima T, Hosokawa M & Miyashita K. Comparative evaluation of growth inhibitory effect of stereoisomer of fucoxanthin in human cancer cell lines. *J Functional Food*. 2009, 1; 88-99.
- Noiraksa T, Ajisaka T & kaewsuralikhit C. Species of *Sagassum* in the east coast of the gulf of Thailand. *ScienceAsia*. 2006, 32(1); 99-106.
- Park JS, Kim A, Kim EH, Suh HS & Choi WC. Increased Anticancer Activity by the Sulfated Fucoidan from Korean Brown Seaweeds. *J Korean Chem Soci* . 2002, 46(2); 151-6.
- Philchenkov A, Zavelevich M, Imbs T, Zvyagintseva T & Zaporozhets T. Sensitization of human malignant lymphoid cells to etoposide by fucoidan, a brown seaweed polysaccharide. *Exp Oncol*. 2007, 3; 181-85.
- Sachindra NM, Airanthi MK, Hosokawa M & Miyashita K. Radical scavenging and singlet oxygen quenching activity of extracts from Indian seaweeds. *J Food Sci Technol*. 2007, 47; 94–9.
- Saengkhae C, Jongaramruong J & Noiraksar T. Cytotoxic activities of crude extract from seaweeds along the gulf of Thailand on cancer cells. *Burapha Sci J*. 2009A, 2; 88-98.
- Saengkhae C, Jongaramruong J, Noiraksar T & Piekpia J. Anti-proliferative and apoptosis-inducing activities of extracts from *Sagassum binderi* Sonder on human cervical cancer cells. *Burapha Sci J*. 2010, 15; 3-12.
- Saengkhae C, Noiraksar T, Jongaramruong J & Palce P. Anti-proliferative and induction of apoptosis by extract of *Turbinaria conoides* (J. Agardh) Kutzing on human cervical cancer cell line. *Chula Med J*. 2009B, 53; 1-12.

- Satomi Y & Nishino H. Implication of mitogen-activated protein kinase in the induction of G1 cell cycle arrest and gadd45 expression by the carotenoid fucoxanthin in human cancer cells. **BBA**. 2009, 1790; 260-66.
- Shiratori K, Ohgami K, Ilieva I, Jin XH, Koyama Y, Miyashita K, Kase S & Ohno S. Effects of fucoxanthin on lipopolysaccharide-induced inflammation in vitro and in vivo. *Exp Eye Res*. 2005, 81; 422-8.
- Sugawara T, Matsubara K, Akagi R, Mori M & Hirata T. Antiangiogenic activity of brown algae fucoxanthin and its deacetylated product, fucoxanthinol. *J Agr Food Chem*. 2006, 54; 9810-50.
- Teruya T, Konishi T, Uechi S, Tamaki H & Tako M. Anti-proliferative activity of oversulfated fucoidan from commercially cultured *Cladosiphon okamuranus* TOKIDA in U937 cells. *Int J Biol Macromol*. 2007, 41(3); 221-6.
- Tsao AS, Kim ES & Hong WK. Chemopreventive of cancer. *CA Cancer J Clin*. 2004, 54; 150-80.
- Walker PR, leblance J, Smith B, Pandey S & Sikorska. Detection of DNA fragmentation and endonucleases in apoptosis. *Meth in Enzymo*. 1999, 17; 329-38.
- Ye H, Wang K, Zhou C, Liu J & Zeng X. Purification, antitumor, antioxidant activity *in vitro* of polysaccharide from the brown seaweed *Sargassum pallidum* . *Food Chem*. 2008, 111; 428-32.
-



