

## **Dr. Sawitree Wongtangintharn, Ph.D.**

Dr. Sawitree Wongtangintharn is one of our advisor and a member of our research team in Faculty of Science, Mahasarakham University. She manages the research programs concerning Physiology.

### **Education Background:**

1. BS (Animal Sci, Khon Kaen University, Thailand, 1993.)
2. MS ( Animal Sci (Nutrition), Khon Kaen University, Thailand, 1999.)
3. MS ( Bioscience & Biotechnology, University of the Ryukyus, Japan, 2003.)
4. Ph.D.(Biochemistry & Applied Bioscience, Kagoshima University, Japan, 2006)

### **Research Interests:**

- Biotechnology (lipid)
- Cell culture (normal and cancer cells of human and animal cells)

### **Researches :**

- Wongtangintharn S, Oku H, Iwasaki H, Inafuku M, Toda T, Yanagita T. Incorporation of branched-chain fatty acid into cellular lipids and caspase-independent apoptosis in human breast cancer cell line, SKBR-3. *Lipids Health Dis.* 2005 Nov 23;4:29.
- Wongtangintharn S, Oku H, Iwasaki H, Toda T. Effect of branched-chain fatty acids on fatty acid biosynthesis of human breast cancer cells. *J Nutr Sci Vitaminol (Tokyo).* 2004 Apr;50(2):137-43
- Oku H, Wongtangintharn S, Iwasaki H, Toda T. Conjugated linoleic acid (CLA) inhibits fatty acid synthetase activity in vitro. *Biosci Biotechnol Biochem.* 2003 Jul;67(7):1584-6.
- Sawitree Wongtangintharn<sup>1</sup>, 屋 宏典、 稻福 征志、 岩崎 公典、 戸田 隆義. 乳ガン細胞への細胞毒性に及ぼす脂肪酸の炭素鎖構造の影響. *日本栄養・食糧学会誌*. April 2006, Vol. 59, 2.