ประวัติส่วนตัว

ชื่อ-นามสกุล (ไทย): จันทรวรรณ แสงแข

ชื่อ-นามสกุล (อังกฤษ): Chantarawan Saengkhae

ที่อยู่สำหรับติดต่อ

คณะสหเวชศาสตร์ มหาวิทยาลัยบูรพา

169 ถนนลงหาดบางแสน ตำบลแสนสุข อำเภอเมือง จังหวัดชลบุรี 20131

เบอร์โทรศัพท์: 038-103168

E-mail: schantara@yahoo.com

ประวัติการศึกษา

ปี พ.ศ. ที่จบ	คุณวุฒิ	สาขาวิชา	สถานศึกษา
2547	Doctor of philosophy	Biological and medical sciences	Faculty of Medicine, University of Paris 13, France
2535	Master degree of Science	Physiology	Faculty of Medicine, Chulalongkorn University, Thailand
2529	Bachelor degree of Science	Nursing and Midwifery	Faculty of Nursing, Mahidol University, Thailand

ประวัติการทำงาน

ปี พ.ศ.	ตำแหน่ง	สถานที่ทำงาน
2552	ผู้ช่วยศาสตราจารย์	คณะสหเวชศาสตร์ มหาวิทยาลัยบูรพา
2541	ผู้ช่วยศาสตราจารย์	คณะวิทยาศาสตร์ มหาวิทยาลัยบูรพา
2535	อาจารย์	คณะพยาบาลศาสตร์ มหาวิทยาลัยบูรพา

สาขาที่มีความชำนาญ

Medicinal plant, antioxidant, antiinflammation, apoptosis

รางวัล / ทุน ที่เคยได้รับ

ปี พ.ศ.	ชื่อรางวัล / ทุน
2548	Effects of crude leaf extract of *Nelumbo nucifera* Gaertn. on isolated aorta derived from hypertensive and normotensive rats. Faculty of Science, Burapha university
2549	Antioxidative effects of crude leaf extract of *Nelumbo nucifera* Gaertn. on free radical initiated hemolysis of erythrocytes and oxidizability of plasma in hypertensive and normotensive rats. Faculty of Science, Burapha university
2550	Antiproliferation and Apoptosis of the Crude Extract of *Andrographis paniculata* Nees, on rat glioma cells (ASK) In Vitro. Faculty of Science, Burapha university
2551	Strategies for the discovery of new anticancer compounds from seaweeds and/or seagrasses in the east coast of the gulf of Thailand. National research council of Thailand
2552	Antiproliferative activities and apoptosis of extracts from *Sargassum binderi* Sonder on human cervical cancer cells (HeLa). Faculty of Science, Burapha university
2553	Antiproliferative activities and induction of apoptosis by the extracts of *Sargassum oligocystum* Montagne on cancer cells. National research council of Thailand
2553	Antiproliferative activities of pure compounds from *Diospyros filipendula*, and *Diospyros cauliflora.* National research council of Thailand
2554	Anti-cancer activities and molecular mechanisms of bioactive metabolites from actinobacteria in suborder Micromonosporineae isolated from marine. Office of the higher education commission
2555	Apoptosis induction of human cancer cells by Streptomyces strain CH54-4 and SS15-1 isolated from mangrove sediments.

ปี พ.ศ.	ชื่อรางวัล / ทุน
	Office of the higher education commission
2556	Anti-cancer and apoptosis-inducing activities of partial purification from *Streptomyces indiaensis* isolated from coastal soil at the east coast of the Gulf of Thailand. Faculty of Allied Health Sciences, Burapha University
2557	Apoptosis induction of human cancer cells by beach morning glory (*Ipomoea pes-caprae*) with different extraction methods. National research council of Thailand
2558	Anti-oxidant, anti-inflammatory and doxorubicin-sensitizing activities by beach morning glory (*Ipomoea pes-caprae*) using different extraction methods. National research council of Thailand
2560	Structured-based design and development of marine active substances, Aeroplysinin-1, as potential anticancer agents. National research council of Thailand

ผลงานตีพิมพ์วารสาร

1. **Saengkhae C**, Uawongyart N and Osiri S. Cytotoxicity and apoptotic mechanisms of different solvent extracts from *Ipomoea pes-caprae* on human nasopharyngeal cells. *Chula Med J*. 2019; 63(3):143-51.
2. **Saengkhae C**, Khongkhaduead A and Srivibool R. Induction of apoptosis by Streptomyces strain CH54-4 extract through activation of caspase-3 in human nasopharyngeal cells. *Chula Med J*. 2018; 62(2):155-66.
3. **Saengkhae C**, Srivibool R, Watanadilok R and Enomoto K. Partially purified pigment extract from *Streptomyces* A 16-1 induces apoptosis of human carcinoma of nasopharynx Cell (KB cells) via the mitochondrial and caspase-3 pathway. *Walailak J Sci & Tech*. 2017; 14(1): 51-63.
4. **Saengkhae C**, Premsuriya Y, Srivibool R and Praiboon J. Sensitization of human carcinoma of nasopharynx cells to doxorubicin and induction of apoptosis by *Sargassum baccularia* lipophilic fraction. *Walailak J Sci & Tech*. 2015; 12(6): 515-525.

5. **Saengkhae C**, Pumpunphol J & Srivibool, R. Extraction of *Micromonospora aurantiaca* isolated from coastal marine sediment enhances doxorubicin induced apoptosis in KB cells. *J Physiol Biomed Sci.* 2013; 26(2): 76-82.
6. **Saengkhae C**, Noiraksar T, Jongaramruong J & Piekpia J. **Antiproliferative and Apoptosis-Inducing Activities of Extracts from *Sargassum binderi* Sonder on Human Cervical Cancer Cells.** *Burapha Sci J.* 2010; 15(1): 3-12.
7. **Saengkhae C,** Noiraksar T, Jongaramruong J & Palee P. Antiproliferation and induction of apoptosis by extract of *Turbinaria conoides* (J. Agardh) Kützing on human cervical cancer cell line. *Chula Med J*. 2010; 54(1):13-24.
8. **Saengkhae C** & Meewassanasuk K. Antiproliferation and apoptosis of the crude of Andrograhhis paniculate Nees on human oropharyngeal cancer cells (KB) in vitro. *Thai Journal of Physiological Sciences*. 2008-2009; 21(2): 40-47.
9. **Saengkhae C** & Archariyapibal. Cytotoxicity and apoptosis effect of crude extract of *Andrographis paniculata* Nees. (APE) on rat glioma cells (ASK). *Burapha Sci J*. 2008; 13(2): 33-40.
10. **Saengkhae C**, Arunnopparat W & Sungkhajorn P. Oxidative hemolysis and osmotic fragility of erythrocytes in renovascular hypertensive and normotensive rats. *Chula Med J*. 2007; 51(11):483-494.
11. **Saengkhae C**, Arunnopparat W & Sungkhajorn P. Antioxidative activity of the leaf of Nelumbo nucifera Gaertn. on oxidative stress-induced erythrocyte hemolysis in hypertensive and normotensive rats. *Thai Journal of Physiological Sciences*. 2007; 20(2): 70-78.
12. **Saengkhae C**, Salerno M, Ades D, Siove A, Le Moyec, Migonney V & Garnier-Suillerot A. Ability of carbazole salts, inhibitors of Alzheimer β-amyloid fibril formation, to cross cellular membranes. *Eur J Pharmacol.* 2007; 559: 124-131.
13. Salerno M, Loechariyakul P, **Saengkhae C** & Garnier-Suillerot A. Relation between the ability of some compounds to modulate the MRP1-mediated efflux of glutathione and to inhibit the MRPl-mediated efflux of daunorubicin. *Biochem Pharmacol*. 2004; 68: 2159–2165.

14. **Saengkhae C**, Loetchutinat C & Garnier-Suillerot A. Kinetic analysis of fluorescein and dihydrofluorescein effluxes in tumour cells expressing the multidrug resistance protein, MRP1. *Biochem Pharmacol.* 2003; 65: 969-977.
15. **Saengkhae C**, Loetchutinat C & Garnier-Suillerot A. Kinetic analysis of rhodamines efflux mediated by the multidrug resistance protein (MRP1). *Biophys J*. 2003; 85: 2006-2014.
16. Loetchutinat C, **Saengkhae C**, Marbeuf-Gueye C & Garnier-Suillerot A. New insights into the P-glycoprotein-mediated effluxes of rhodamines. *Eur J Biochem*. 2003; 270: 476-485.

ผลงานอนุสิทธิบัตร / นวัตกรรม

-

****