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10. ประวัติและผลงานวิจัยที่สำคัญของนักวิจัย

1. ชื่อ-นามสกุล นางจริยา หาญวานวงศ์
Mrs. Chariya Hahnvajanawong
2. หมายเลขบัตรประจำตัวประชาชน 3-8199-00166-60-1
3. ตำแหน่งปัจจุบัน ผู้ช่วยศาสตราจารย์ ระดับ 8 ภาควิชาจุลชีววิทยา
คณะแพทยศาสตร์ มหาวิทยาลัยขอนแก่น
4. หน่วยงานที่อยู่ที่สามารถติดต่อได้สะดวก
ภาควิชาจุลชีววิทยา คณะแพทยศาสตร์ มหาวิทยาลัยขอนแก่น อ.เมือง จ.ขอนแก่น 40002
โทรศัพท์ 0-4336-3808 โทรสาร 0-4336-3808
e-mail: hchari@kku.ac.th

5. ประวัติการศึกษา

ปีที่จบ การศึกษา	ระดับ การศึกษา	ปริญญา	สาขาวิชา	สถาบัน	ประเทศ
2523	ตรี	วท.บ.	ชีววิทยา	มหาวิทยาลัยศิลปากร	ไทย
2526	โท	วท.ม.	จุลชีววิทยา	มหาวิทยาลัยมหิดล	ไทย
2533	เอก	Ph.D.	Microbiology	National University of Ireland, Cork	Ireland

6. สาขาวิชาการที่มีความชำนาญพิเศษ

- Tumor Immunology
- Anticancer activity of medicinal plants
- Molecular biology
- Virology

7. ประสบการณ์ที่เกี่ยวข้องกับการบริหารงานวิจัยทั้งภายในและภายนอกประเทศ โดยระบุ สถานภาพในการทำการวิจัยว่าเป็นผู้อำนวยการแผนงานวิจัย หัวหน้าโครงการวิจัย หรือผู้ร่วมวิจัย ในแต่ละข้อเสนอการวิจัย งานวิจัยที่ทำเสร็จแล้ว

- 7.1 "A rapid detection of Herpes Simplex Virus by ELISA in asymptomatic pregnant women and neonates." ทุนอุดหนุนการวิจัยคณะแพทยศาสตร์ ม.ขอนแก่น. 1985-1986, ผู้ร่วมวิจัย

Publication :

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Publication :

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7.3 "Tumor antigens of cholangiocarcinoma." ทุนอุดหนุนการวิจัยคณะแพทยศาสตร์ ม.

ขอนแก่น. 1998. **ผู้ร่วมวิจัย**

ได้นำเสนอ Poster presentation 2 posters ในปี 1999

7.4 "Detection of pathogens causing diarrheal disease in the water from the Airport Well water in Khon Kaen." ทุนอุดหนุนการวิจัยคณะแพทยศาสตร์ ม. ขอนแก่น. ปี 2001. **ผู้ร่วมวิจัย**

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หัวหน้าโครงการวิจัย

7.6 "Surveillance of diarrheal disease in Khon Kaen. ทุนสนับสนุนการวิจัย มหาวิทยาลัย ขอนแก่น. ปี 2001. **หัวหน้าโครงการวิจัย**

Publication :

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"Development of Newcastle disease virus replication and adjuvant delivery systems of inactivated Newcastle disease vaccine. ทุนสำนักพัฒนาวิทยาศาสตร์และเทคโนโลยีแห่งชาติ ศูนย์พันธุวิศวกรรมและเทคโนโลยีชีวภาพแห่งชาติ ปี 2548-2550. ผู้ร่วมวิจัย

Publication :

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- เจียน manuscript เสียบห้องแล้วอยู่ในระหว่างการปรับเปลี่ยนเพื่อ submit ในวารสาร

7.11 "The potential of *Cryptolepis buchanani* and *Derris scandens* on chronic inflammation." ทุนอุดหนุนทั่วไปมหาวิทยาลัยขอนแก่น. ปี 2546.. ผู้ร่วมวิจัย
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7.12 "Enzyme-linked immunosorbent assay for serodiagnosis of *Helicobacter pylori* in dyspeptic patients and volunteer blood donors." ทุนอุดหนุนการวิจัยคณะแพทยศาสตร์ มหาวิทยาลัยขอนแก่น. ปี 2548. ผู้ร่วมวิจัย
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7.13 "Comparative cytotoxic activity of Oxitan and Eloxatin on colon cancer cell line in vitro." ทุนสนับสนุนการวิจัยจากบริษัท Dabur Pharma Limited, New Delhi, India. ปี 2549 หัวหน้า โครงการวิจัย

Publication :

- **Hahnajanawong C**, Tassaneeyakul W. Comparative Cytotoxic Activity of Oxitam and Eloxatin on Colon Cancer Cell Line in Vitro. *Thai Journal of Pharmacology* 2006; 28(3): 3-7.

7.14 "Anticancer activity of Thai medicinal plants on cancer cell lines in vitro." ที่น

Postgraduate Education & Research program in Chemistry (PERCH). ปี 2548-2550.

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Boonyanugomol W, **Hahnajanawong C**, Reutrakul V. Growth inhibitory activity on cholangiocarcinoma cell lines from Rong Thong tree (*Garcinia hanburyi*) crude extracts. *Srinagarrind Medical Journal* 2007; 22(3):278-282.

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- Boonyanugomol W, **Hahnajanawong C**, Loilome W, Reutrakul V, Anantachoke N. Antiproliferation and induction of apoptosis by isomorellin on human cholangiocarcinoma cell line. Poster presentation at the 19th FAOBMB Seoul Conference, 27-30 May, 2007, COEX Center, Seoul, Republic of Korea. 354.
- Siripong P, **Hahnajanawong C**, Yahaufai J, Piyaviriyakul S, Kanokmedakul K, Kongkathip N, Ruchirawat S, Oku N. Induction of apoptosis by rhinacanthone isolated from *Rhinacanthus nasutus* roots in human cervical carcinoma cells. Poster presentation at the 6th Princess Chulabhorn International Science Congress, 25-29 November, 2007, Bangkok, Thailand, PM-32.
- Kaewdoungdee N, **Hahnajanawong C**, Sripa B, Pattanapanyasat K, Chitsomboon B, Maitra A. Cell cycle arrest and apoptosis induction of trans-resveratrol and red grape pomace on cholangiocarcinoma cells. Poster presentation at the 6th Princess Chulabhorn International Science Congress, 25-29 November, 2007, Bangkok, Thailand, PR-17.

- Kaewdoungdee N, Hahnvajanawong C, Sripa B, Pattanapanyasat K, Chitsomboon B, Maitra A. Resveratrol and red grape pomace induced cell cycle arrest and apoptosis induction in human cancer cell lines. Poster presentation at the 9th National Cancer Conference, 12-14 December, 2007, Bangkok, Thailand. 165.
- Ketnimit S, Hahnvajanawong C, Sripa B, Reutrakul V, Anantachoke. Growth inhibitory effect on cholangiocarcinoma cell line by isomorellinol. Proceedings of The Asia-Africa international network symposium of JSPS Asia and Africa science platform program and the fourt livercare center symposium, 19-20 February, 2008, Charoen Thani Princess Hotel, Khon Kaen, Thailand. 108-110.
- Nasomyon T, Hahnvajanawong C. The molecular mechanism of rhinacanthin-C compound induced apoptosis on human cholangiocarcinoma cell lines. Poster presentation at the 18th Conference of the Asia Pacific Association for the study of the liver, 23-26 March, 2008, COEX Center, Seoul, Republic of Korea. A287.

7.15 "Cytotoxic activity of compounds from Gardenia tubifera on CCA cell lines *in vitro*." ปี 2548. ได้รับทุนศูนย์พยาธิใบไม้ตับและมะเร็งท่อน้ำดี, ปี 2550 ได้รับทุนอุดหนุนการวิจัย มหาวิทยาลัยขอนแก่น. ผู้ร่วมวิจัย

Publication :

Chariya Hahnvajanawong, Wongwarut Boonyanugomol, Tapanawan Nasomyon, Watcharin Loilome, Nisana Namwat, Nathinee Anantachoke, Wichittra Tassaneeyakul, Banchoob Sripa, Wises Namwat, Vichai Reutrakul. Apoptotic activity of caged xanthones from *Garcinia hanburyi* in cholangiocarcinoma cell lines. World J Gastroenterol. 2010 May 14; 16(18) 2235-2243..

7.16 "Molecular mechanism of *Mallotus spodocarpus* compound induced apoptosis on cholangiocarcinoma cell lines." ปี 2548. ทุนอุดหนุนการวิจัยคณบดีแพทยศาสตร์ มหาวิทยาลัยขอนแก่น. ปี 2550. ผู้ร่วมวิจัย และทุนจาก PERCH ปี 2548-2550. หัวหน้าโครงการวิจัย

Publication :

- Nasomyon T, Hahnvajanawong C, Loilome W, Namwat N, Tussaneeyakul W, Reutrakul V. Molecular mechanism of *Mallotus spodocarpus* compound induced apoptosis on cholangiocarcinoma cell lines. KKU Res J (GS) 2007 ; 7 (2) : 89-97.

- 7.17 "Cytotoxicity of Thai medicinal plants on human cancer cell lines and their combination effects with chemotherapeutic drugs." ทุนอุดหนุนการวิจัยคณะแพทยศาสตร์ มหาวิทยาลัยธรรมศาสตร์. ปี 2549. ผู้ร่วมวิจัย

Publication :

- Pinmai K, Chunlaralthanaporn S, Ngamkitidachakul C, Soonthornchareon N, Hahnvajanawong C. Synergistic growth inhibitory effects of *Phyllanthus emblica* and *Terminalia bellerica* with conventional cytotoxic agents doxorubicin and cisplatin against human hepatocellular carcinoma and lung cancer cells. World Journal of Gastroenterology 2008; 14(10): 1491-1497.

- 7.18 "Chemotherapeutic marker for prediction of 5-FU response in cholangiocarcinoma patients." A research project funded by Biotec, NSTDA, 2007-2009. ผู้ร่วมวิจัย ได้ดำเนินการต่อไปประมาณ 80% ของทุนที่ได้รับในปีที่ 2

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