

## ประวัติและผลงาน

นายวันชนะ สืบไวย Asst. Prof. Dr. Wunchana SEUBWAI

1. ตำแหน่งทางวิชาการ: ผู้ช่วยศาสตราจารย์

### 2. ประวัติการศึกษา

ระดับ	ชื่อปริญญา (สาขาวิชา)	ชื่อสถาบัน, ประเทศ	ปี พ.ศ.
ปริญญาตรี	วท.บ. (เทคโนโลยีชีวภาพ)	มหาวิทยาลัยขอนแก่น	2547
ปริญญาเอก	ปร.ด. (ชีวเคมีทางการแพทย์)	มหาวิทยาลัยขอนแก่น	2553

### 3. ผลงานทางวิชาการ

#### 3.1 ตำรา หนังสือ หรือเอกสารประกอบการสอน (ย้อนหลัง 10 ปี)

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#### 3.2 งานวิจัย (ย้อนหลัง 10 ปี)

1. Thamrongwarangoon U, Sangkhamanon S, Seubwai W, Saranaruk P, Cha'on U, Wongkham S. Aberrant GLUT1 Expression Is Associated With Carcinogenesis and Progression of Liver Fluke-associated Cholangiocarcinoma. *In vivo*. 2021;35(1):267-74.
2. Saengboonmee C, Seubwai W, Lert-Itthiporn W, Sanlung T, Wongkham S. Association of Diabetes Mellitus and Cholangiocarcinoma: Update of Evidence and the Effects of Antidiabetic Medication. *Canadian journal of diabetes*. 2020.
3. Thonsri U, Wongkham S, Wongkham C, Hino S, Nakao M, Roytrakul S, et al. High glucose-ROS conditions enhance the progression in cholangiocarcinoma via upregulation of MAN2A2 and CHD8. *Cancer science*. 2020.
4. Saengboonmee C, Phoomak C, Supabphol S, Covington KR, Hampton O, Wongkham C, et al. NF-kappaB and STAT3 co-operation enhances high glucose induced aggressiveness of cholangiocarcinoma cells. *Life sciences*. 2020;262:118548.
5. Thonsri U, Seubwai W, Waraasawapati S, Wongkham S, Boonmars T, Cha'on U, et al. Antitumor Effect of Shikonin, a PKM2 Inhibitor, in Cholangiocarcinoma Cell Lines. *Anticancer research*. 2020;40(9):5115-24.
6. Silsirivanit A, Matsuda A, Kuno A, Tsuruno C, Uenoyama Y, Seubwai W, et al. Multi-serum glyco-biomarkers improves the diagnosis and prognostic prediction of cholangiocarcinoma. *Clinica chimica acta; international journal of clinical chemistry*. 2020;510:142-9.
7. Sripa B, Seubwai W, Vaeteewoottacharn K, Sawanyawisuth K, Silsirivanit A, Kaewkong W, et al. Functional and genetic characterization of three cell lines derived from a single tumor of an *Opisthorchis viverrini*-associated cholangiocarcinoma patient. *Human cell*. 2020;33(3):695-708.
8. Sanmai S, Proungvitaya T, Limpai boon T, Chua-On D, Seubwai W, Roytrakul S, et al. Serum pyruvate dehydrogenase kinase as a prognostic marker for cholangiocarcinoma. *Oncology letters*. 2019;17(6):5275-82.

9. Silsirivanit A, Phoomak C, Teeravirote K, Wattanavises S, Seubwai W, Saengboonmee C, et al. Overexpression of HexCer and LacCer containing 2-hydroxylated fatty acids in cholangiocarcinoma and the association of the increase of LacCer (d18:1-h23:0) with shorter survival of the patients. *Glycoconjugate journal*. 2019;36(2):103-11.
10. Kidoikhammouan S, Seubwai W, Silsirivanit A, Wongkham S, Sawanyawisuth K, Wongkham C. Blocking of methionine aminopeptidase-2 by TNP-470 induces apoptosis and increases chemosensitivity of cholangiocarcinoma. *Journal of cancer research and therapeutics*. 2019;15(1):148-52.
11. Guragain D, Seubwai W, Kobayashi D, Silsirivanit A, Vaeteewoottacharn K, Sawanyawisuth K, et al. Artesunate and chloroquine induce cytotoxic activity on cholangiocarcinoma cells via different cell death mechanisms. *Cellular and molecular biology*. 2018;64(10):113-8.
12. Saentaweesuk W, Araki N, Vaeteewoottacharn K, Silsirivanit A, Seubwai W, Talabnin C, et al. Activation of Vimentin Is Critical to Promote a Metastatic Potential of Cholangiocarcinoma Cells. *Oncology research*. 2018;26(4):605-16.
13. Puthdee N, Seubwai W, Vaeteewoottacharn K, Boonmars T, Cha'on U, Phoomak C, et al. Berberine Induces Cell Cycle Arrest in Cholangiocarcinoma Cell Lines via Inhibition of NF-kappaB and STAT3 Pathways. *Biological & pharmaceutical bulletin*. 2017;40(6):751-7.
14. Phoomak C, Vaeteewoottacharn K, Silsirivanit A, Saengboonmee C, Seubwai W, Sawanyawisuth K, et al. High glucose levels boost the aggressiveness of highly metastatic cholangiocarcinoma cells via O-GlcNAcylation. *Scientific reports*. 2017;7:43842.
15. Dana P, Kariya R, Vaeteewoottacharn K, Sawanyawisuth K, Seubwai W, Matsuda K, et al. Upregulation of CD147 Promotes Metastasis of Cholangiocarcinoma by Modulating the Epithelial-to-Mesenchymal Transitional Process. *Oncology research*. 2017;25(7):1047-59.
16. Thamrongwarangoon U, Seubwai W, Phoomak C, Sangkhamanon S, Cha'on U, Boonmars T, et al. Targeting hexokinase II as a possible therapy for cholangiocarcinoma. *Biochemical and biophysical research communications*. 2017;484(2):409-15.
17. Saengboonmee C, Seubwai W, Cha'on U, Sawanyawisuth K, Wongkham S, Wongkham C. Metformin Exerts Antiproliferative and Anti-metastatic Effects Against Cholangiocarcinoma Cells by Targeting STAT3 and NF-kB. *Anticancer research*. 2017;37(1):115-23.
18. Thonsri U, Seubwai W, Warasawapati S, Sawanyawisuth K, Vaeteewoottacharn K, Boonmars T, et al. Overexpression of lactate dehydrogenase A in cholangiocarcinoma is correlated with poor prognosis. *Histology and histopathology*. 2017;32(5):503-10.
19. Uthaisar K, Vaeteewoottacharn K, Seubwai W, Talabnin C, Sawanyawisuth K, Obchoei S, et al. Establishment and characterization of a novel human cholangiocarcinoma cell line with high metastatic activity. *Oncology reports*. 2016;36(3):1435-46.

20. Phoomak C, Vaeteewoottacharn K, Sawanyawisuth K, Seubwai W, Wongkham C, Silsirivanit A, et al. Mechanistic insights of O-GlcNAcylation that promote progression of cholangiocarcinoma cells via nuclear translocation of NF-kappaB. *Scientific reports*. 2016;6:27853.
21. Seubwai W, Vaeteewoottacharn K, Kraiklang R, Umezawa K, Okada S, Wongkham S. Inhibition of NF-kappaB Activity Enhances Sensitivity to Anticancer Drugs in Cholangiocarcinoma Cells. *Oncology research*. 2016;23(1-2):21-8.
22. Seubwai W, Vaeteewoottacharn K, Kraiklang R, Umezawa K, Okada S, Wongkham S. Inhibition of NF-kappaB Activity Enhances Sensitivity to Anticancer Drugs in Cholangiocarcinoma Cells. *Oncology research*. 2016;23(1):21-8.
23. Saengboonmee C, Seubwai W, Pairojkul C, Wongkham S. High glucose enhances progression of cholangiocarcinoma cells via STAT3 activation. *Scientific reports*. 2016;6:18995.
24. Ngernyuang N, Seubwai W, Daduang S, Boonsiri P, Limpai boon T, Daduang J. Targeted delivery of 5-fluorouracil to cholangiocarcinoma cells using folic acid as a targeting agent. *Materials science & engineering C, Materials for biological applications*. 2016;60:411-5.
25. Wattanawongdon W, Hahnvajanawong C, Namwat N, Kanchanawat S, Boonmars T, Jearanaikoon P, et al. Establishment and characterization of gemcitabine-resistant human cholangiocarcinoma cell lines with multidrug resistance and enhanced invasiveness. *International journal of oncology*. 2015;47(1):398-410.
26. Saengboonmee C, Seubwai W, Wongkham C, Wongkham S. Diabetes mellitus: Possible risk and promoting factors of cholangiocarcinoma: Association of diabetes mellitus and cholangiocarcinoma. *Cancer epidemiology*. 2015;39(3):274-8.
27. Pattanapairoj S, Silsirivanit A, Muisuk K, Seubwai W, Cha'on U, Vaeteewoottacharn K, et al. Improve discrimination power of serum markers for diagnosis of cholangiocarcinoma using data mining-based approach. *Clinical biochemistry*. 2015;48(10-11):668-73.

#### 4. ประสบการณ์การสอนระดับอุดมศึกษา 9 ปี

##### 5. ภาระงานสอน

###### 5.1 ระดับปริญญาตรี

- 371120 ELEMENTARY FORENSIC SCIENCES
- 371421 FORENSIC MEDICINE I
- 371531 FORENSIC MEDICINE II

###### 5.2 ระดับปริญญาโท

###### 5.3 ระดับปริญญาเอก

- GS217891 Seminar in Biomedical Sciences 1
- GS217892 Seminar in Biomedical Sciences 2
- 363998 DISSERTATION