CURRICULUM VITAE

NAME

Tullayakorn Plengsuriyakarn

NATIONALITY

Thai

EDUCATION

2013	Postdoctoral Fellowship Department of Clinical Product Development, Institute of Tropical Medicine, Nagasaki University, Japan
2012	Ph.D. (Biomedical Sciences) Faculty of Allied Health Science, Thammasat University, Pathum Thani, Thailand
2008	B.Sc. Hons. (Medical Technology) Faculty of Allied Health Science, Thammasat University, Pathum Thani, Thailand

ACADEMIC POSITION

Assistant Professor

ACADEMIC EXPERTISE

Pharmacology, Animal Research

WORK HISTORY

November 2012- February 2013

Job title/Position: Researcher, Drug Discovery and Development Center, Thammasat University, Pathum Thaini, Thailand

March 2013- present: Lecturer, Chulabhorn International College of Medicine, Thammasat University, Pathum Thani, Thailand

HONORS & AWARDS

March 2017	Research Award from External Agency, Thammasat University

March 2015 Poster presentation award, 37th Pharmacological and Therapeutic Society of Thailand Meeting, Ubon Ratchathani

November 2014 Young Researcher Award, Thammasat University

November 2014 Research Award from External Agency, Thammasat University

November 2014 Poster presentation award, International Conference on Complementary Treatment for Cancer and Diseases (CTCD), Chiangmai

September 2014 Travel Grant Award, Japanese Cancer Association (JCA), Japan

May 2014 JALAS International Award, Japanese Association for Laboratory Animal Science (JALAS), Japan

October 2012 Dissertation Award, Thammasat University

March 2012 Travel Grant Award, Japanese Pharmacological Society (JPS), Japan

March 2011 Poster presentation award, 33rd Pharmacological and Therapeutic Society of Thailand Meeting, Songkla

MEMBERS OF ACADEMIC SOCIETIES

March 2008-Present Member of the Medical Technology Association of Thailand

March 2011-Present Member of the Pharmacological and Therapeutic Association of Thailand

TRAINING

October 2015 Diploma Course on Research & Development of Products to meet Public Health Needs, Department of Clinical Product Development, Institute of Tropical Medicine, Nagasaki University, Japan

August 2009 International Course on Research Ethics, Thammasat University, Pathum Thani, Thailand

INTERNATIONAL MEETINGS

January 2017 The 2nd International Conference on Herbal and Traditional Medicine (HTM2017)**,** Asia Hotel Phayathai, Bangkok, Thailand

February 2016 The 13th Meeting of the Asia Pacific Federation of Pharmacologists (13th APFP), The Berkeley Hotel Pratunam, Bangkok, Thailand

October 2013 Japanese Society of Tropical Medicine 54th Annual Meeting, Nagasaki Convention Center, Nagasaki, Japan

May 2013 Japanese Conference for Laboratory Animal Science and Technology Conference, Sapporo, Japan

September 2014 The 73rd Annual Meeting of the Japanese Cancer Association, Yokohama, Japan

November 2014 The 1st Complementary Treatment for Cancer and Diseases Conference, Imperial Maeping Hotel, Chiangmai, Thailand

INTERNATIONAL RESEARCH PUBLICATION

1. Amuamuta A, **Plengsuriyakarn T**, Na-Bangchang K. Anticholangiocarcinoma activity and toxicity of the *Kaempferia galanga* Linn. Rhizome ethanolic extract. *BMC Complement Altern Med* 2017; 17(1): 213.
2. Sumsakul W, **Plengsuriyakarn T**, Na-Bangchang K. Pharmacokinetics, toxicity, and cytochrome P450 modulatory activity of plumbagin. *BMC Pharmacol Toxicol* 2016; 17(1): 50.
3. **Plengsuriyakarn T**, Matsuda N, Viyanant V, Karbwang J, Na-Bangchang K (2015). Anticancer activity of *Atractylodes lancea* (Thunb.) DC. in hamster model and application of PET-CT for early detection and monitoring the progression of cholangiocarcinoma. *Asian Pac J Cancer Prev* 16(15): 6279-84.
4. **Plengsuriyakarn T**, Viyanant V, Karbwang J, Na-Bangchang K (2015). Anticancer activity using PET-CT and pharmacokinetics of β-eudesmol in human cholangiocarcinoma xenografted nude mouse model. *Clin Exp Pharmacol Physiol* 42(3): 293-304.
5. Bunyong R, Chaijaroenkul W, **Plengsuriyakarn T**, and Na-Bangchang K (2014). Antimalarial activity and toxicity of *Garcinia mangostana* Linn. *Asian Pac J Trop Med* 4(7): 515-519.
6. Sumsakul W, **Plengsuriyakarn T**, Chaijaroenkul W, Viyanant V, Karbwang J, and Na-Bangchang K (2014). Antimalarial activity of plumbagin *in vitro* and in animal models. *BMC Complement Altern Med* 14(1): 15.
7. **Plengsuriyakarm T**, Thitapakorn V, Na-Bangchang K, and Karbwang J (2013). Thai medicinal plants: potential sources of anti-cholangiocarcinoma drugs. *Int J Pharm Pharm* 2(5): 68-82.

INTERNATIONAL RESEARCH PUBLICATION (Graduated study)

1. **Plengsuriyakarn T**, Viyanant V, Eursitthichai V, Picha P, Kupradinant P, Itharat A, and Na-Bangchang K (2012). Anticancer activities against cholangiocarcinoma, toxicity and pharmacological activities of Thai medicinal plants in animal models. *BMC Complement Altern Med* 12(1): 23.
2. **Plengsuriyakarn T**, Eursitthichai V, Labbunruang N, Na-Bangchang K, Tesana S, Aumarm W, Pongpradit A, and Viyanant V (2012). Ultrasonography as a tool for monitoring the development and progression of cholangiocarcinoma in *Opisthorchis viverrini*/dimethylnitrosamine-induced hamsters. *Asian Pac J Cancer Prev* 13(1): 87-90.

3. **Plengsuriyakarn T**, Viyanant V, Eursitthichai V, Itharat A, and Na-Bangchang K (2012). *In vitro* investigations on the potential roles of Thai medicinal plants in treatment of cholangiocarcinoma. *Int J Pharm Pharmacol* 2(3): 1-12

4. **Plengsuriyakarn T**, Viyanant T, Eursiddhichai V, Tesana S, Chaijaroenkul W, Itharat A, and Na-Bangchang K (2012). Study on cytotoxicity, toxicity and anticancer activity of *Zingiber officinale* Rosoe against cholangiocarcinoma. *Asian Pac J Cancer Prev* 13(9): 4597-4606.

5. **Plengsuriyakarn T** and Na-Bangchang K (2011). Study on toxicity, cytotoxicity and anticancer activity of the ethanolic extract of *Zingiber officinale* roscoe against cholangiocarcinoma. *J Pharmacol Sci* 14: 234

NATIONAL RESEARCH PUBLICATIONS (Graduated study)

1. **Plengsuriyakarn T**, Viyanant V, Tesana S, Eusithichai V, Chaicharoenkul W, Itahrat Q, and Na-Bangchang K (2010). Study on acute toxicity, anti-oxidant and anticancer activity of ginger in *Opisthorchis viverrini*-carcinogen induced cholangiocarcinoma in hamsters. Proceedings of 32nd Pharmacological and Therapeutic Society of Thailand Meeting. *Thai J Pharmacol* 32(1): 129-131.

2. **Plengsuriyakarn T**, Viyanant V, Tesana S, Eursithichai V, Chaijaroenkul W, Itharat A, Na-Bangchang K (2011). Cytotoxic, antioxidant, apoptosis and multi-drug resistant gene inducing activities of *Zingiber officinale* Roscoe. *Thai J Pharmacol* 33(1): 74-78.

3. Eursitthichai V, **Plengsurikarn T**, Labbunruang **N**, Na-Bangchang K**,** Tesana S, Aumarm W, Pongpradit A, and Viyanant V (2011). Preliminary investigation on the application of ultrasonography as a tool for monitoring the development and progress of cholangiocarcinoma in *Opisthrochis viverrini*/dimethylnitrosamine-induced hamsters. *Thai J Pharmacol* 33(1): 72-75.

4. **Plengsuriyakarn T**, Viyanant V, Eursitthicahi V, Chaijaroenkul W, Itharat A, and Na-Bangchang K (2013). Study on toxicity and pharmacological activities *of Atractylodes lancea* (Thumb.). *Thai J Pharmacol* 35(1): 124-128.

5. Panrit L, **Plengsuriyakarn T,** Kiatinun S, and Na-Bangchang K (2013). Investigation on acute toxicity of Thai medicinal plants in animal models. *Thai J Pharmacol* 35(1): 143-145.

6. Sumsakul W, Chaijaroenkul W, **Plengsuriyakarn T**, Viyanant V, and Na-Bangchang K (2013). Toxicity evaluation of plumbagin in animal model. *Thai J Pharmacol* 35(1): 153-156.

7. Eusithichai V, Sroybudda B, Ngamloon E, Soontornnon P, Phewnual K, **Plengsuriyakarn T**, Kotawong K, Roytrakul S, Phaonakrop N, Viyanant V, and Na-Bangchang K (2013). Differential protein expression of plumbagin treated CCA cell line. Abstract: The 12th Meeting of the Asia Pacific Federation of Pharmacologists (APFP), Shanghai, China on July 9-13, 2013.

OITHER RESEARCH PUBLICATIONS (since 2005)

1. **Plengsuriyakarn T**, Viyanant V, Karbwang J, and Na-Bangchang K (2014). Anticancer activity of Atractylodes lancea (Thunb.) DC. in hamster model and application of PET-CT for early detection and monitoring the progression of cholangiocarcinoma. Abstact: Complementary Treatment for Cancer and Diseases Conference, Imperial Maeping Hotel, Chiangmai, Thailand, 5-7 November 2014.

2. Na-Bangchang K, **Plengsuriyakarn T**, Matsuda, Viyanant V, and Karbwang J (2014). Anticancer activity using PET-CT and pharmacokinetics of β-eudesmol in human cholangiocarcinoma xenografted nude mouse model. Abstract: Complementary Treatment for Cancer and Diseases Conference, Imperial Maeping, Chailngmai, Tahiland, Conference, 5-7 November 2014.

3. **Plengsuriyakarn T**, Matsuda N, Karbwang J, and Na-Bangchang K (2014). Anticancer activity of Atractylodes lancea (Thunb.) DC. and application of PET-CT in hamsters model. Abstract: The 73rd Annual Meeting of the Japanese Cancer Association, Yokohama, Japan 25-27 September 2014.

4. **Plengsuriyakarn T**, Viyanant V, Tesana S, Thitapakorn V, Chaijaroenkul W, and Na-Bangchang K (2014). Research and development and pharmacology of Thai medicinal plants for treatment of cholangiocarcinoma. Abstract: Japanese Conference for Laboratory Animal Science and Technology Conference, Sapporo, Japan, 5-7 May 2014.

5. Na-Bangchang K, **Plengsuriyakarn T**, Kongkietpaiboon S, Chaijaroenkul W, Thitapakorn V, Boonprasert K, and Tarasuk M (2014). Trasitional herbal medicine for the control of tropical diseases. Abstract: The 3rd Thailand National Research University Summit. Centara Grand Hotel, Central World, Bangkok, Thailand, 31 July – 1 August 2014.

6. **Plengsuriyakarn T**, Viyanant V, Eursithichai V, Tesana S, Chaijaroenkul W, Itharat A, and Na-Bangchang K. Study on toxicity, cytotoxicity and anticancer Activity of the ethanolic extract of *Zingiber officinale* Roscoe against cholangiocarcinoma. Abstract: The 3rd Commission of Higher Education Congress. Royal Cliff Beach Resort, Pattaya, Chonburi, Thailand, 9-11 September 2010.

7. **Plengsuriyakarn T**, Viyanant V, Eursithichai V, Chaijaroenkul W, Itharat A, and Na-Bangchang K (2010). Study on acute toxicity and anticancer activity of the Tahi medicinal plants in *Opisthorchis viverrini*-carcinogen induced cholangiocarcinoma in hamsters. Abstract: The 3rd Allied Health Sciences Academic Meeting, Thammasat University, Pathumtanee, Thailand, 18-20 February 2010.