

CURRICULUM VITAE

SIWANON JIRAWATNOTAI, Ph.D.

CONTACT INFORMATION

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NAME	Position Titles
Siwanon Jirawatnotai, Ph.D.	Instructor, Dept. of Pharmacology, Siriraj Medical School, Mahidol University, Thailand Visiting instructor, Dana Farber Cancer Institute and Brigham and Women's Hospital/Harvard Medical School, Boston, MA Adjunct faculty at Massachusetts School of Pharmacy and Health Sciences, Boston, MA

EDUCATION/TRAINING

INSTITUTION AND LOCATION	Degree or position	YEAR(s)	FIELD OF STUDY
Silpakorn University, Faculty of Pharmacy, Thailand	Bachelor in Pharmacy (With Honor, <i>Suma Cum Laude</i>)	1997	Pharmacy
University of Illinois at Chicago, Department of Molecular Genetics, Chicago, IL	Doctor of Philosophy (Molecular Genetics)	2000–05	Cell Cycle, Cancer Genetics, Endocrinology
Department of Pathology, Harvard Medical School	Research Fellow	2005-2008	Cancer Biology, Cell Cycle
Dana-Farber Cancer Institute, Department of Cancer Biology, Boston, MA	Research Fellow	2005- 2008	Cancer Biology, Cell Cycle

RESEARCH AND PROFESSIONAL EXPERIENCE:

1997–2000	Instructor, Silpakorn University, Faculty of Pharmacy, Thailand
2000-present	Instructor, Institute of Molecular Biosciences, Mahidol University
2000–2005	Ph.D. student/ Graduate Assistant Fellowship Department of Molecular Genetics, University of Illinois at Chicago, Chicago, IL (mentor: Hiroaki Kiyokawa, MD., Ph.D.)
2005- 2008	Postdoctoral Fellow, Department of Cancer Biology, Dana-Farber Cancer Institute (mentor: Peter Sicinski, MD., Ph.D.)
2008- present	Instructor, Department of Surgery, Brigham and Women’s Hospital/Dana Farber Cancer Institute, Harvard Medical School

HONORS AND AWARDS:

Honors graduate (*Suma Cum Laude*), Faculty of Pharmacy, Silpakorn University, Thailand

Quest Diagnostics Young Investigators Award in conjunction with ENDO 2004, awarded by the Endocrine Society®, USA

Thai Government Fellowship 2000-2003; Awarded by the Ministry of Science, Thai Government

Nominee, 2003, 2004, 2005, Graduate College's The Dean's Scholar Award for scholarly achievement, University of Illinois at Chicago

Women's Cancer Program's Fellowship, Brigham and Women's Hospital/Dana-Farber Cancer Institute, 2006-2009

TRF-CHE-Scopus Young Researcher Awards 2013 in Health Sciences

TRF Outstanding Research of the Year, 2013

PUBLICATIONS:

(Peer reviewed papers)

1. Moons DS, **Jirawatnotai S**, Tsutsui T, Franks R, Parlow AF, Hales D, Gibori G, Fazleabas A, Kiyokawa H. (2002). Intact follicular maturation and defective luteal function in mice deficient for cyclin-dependent kinase-4 (Cdk4). *Endocrinology*, 143: 647-654.
2. Moons DS, **Jirawatnotai S**, Parlow AF, Gibori G, Kineman RD, Kiyokawa H. (2002). Pituitary hypoplasia and lactotroph dysfunction in mice deficient for cyclin-dependent kinase-4 (Cdk4). *Endocrinology*, 143: 3001-3008.
3. **Jirawatnotai S**, Moons D, Stocco C, Franks R, Hales DB, Gibori G, Kiyokawa H. (2003). The CDK inhibitors *p27^{Kip1}* and *p21^{Cip1}* cooperate to restrict proliferative life span in differentiating ovarian cells. *Journal of Biological Chemistry*, 278(19):17021-7.
4. Holsberger D, **Jirawatnotai S**, Kiyokawa H, Cooke PS. (2003). Thyroid hormone regulates the cell cycle inhibitor *p27^{Kip1}* in postnatal murine sertoli cells. *Endocrinology*, 144(9):3732-8.
5. **Jirawatnotai S**, Aziyu A, Osmundson E, Moons DS, Kineman R, Kiyokawa H. Cdk4 is indispensable for postnatal proliferation of the anterior pituitary. (2004). *Journal of Biological Chemistry*, 279(49):51100-6
6. Bienvenu F, **Jirawatnotai S**, Elias JE, Meyer CA, Mizeracka K, Marson A, Frampton GM, Cole MF, Odom DT, Odajima J, Geng Y, Zagozdzon A, Jecrois

- M, Young RA, Liu XS, Cepko CL, Gygi SP, Sicinski P. Role of cyclin D1 in development revealed by a genetic-proteomic screen. (2010). *Nature*, 463(7279):374-8.
7. **Jirawatnotai S**, Hu Y, Michowski W, Elias JE, Becks L, Bienvenu F, Zagozdzon A, Goswami T, Wang YE, Clark AB, Kunkel TA, van Harn T, Xia B, Correll M, Quackenbush J, Livingston DM, Gygi SP, Sicinski P. A function for cyclin D1 in DNA repair uncovered by protein interactome analyses in human cancers (2011). *Nature*, 474(7350):230-4
 8. Chuengsamarn S, Rattanamongkolgul S, Luechapudiporn R, Phisalaphong C, **Jirawatnotai S**, Curcumin Extract for Prevention of Type 2 Diabetes. *Diabetes Care* (2012) *Diabetes Care*, 2012 Nov;35(11):2121-7
 9. **Jirawatnotai S**, Hu Y, Livingston D, Sicinski P, Broader role of cyclin D1 in cancer homeostasis, *Cancer Research*, 2012 Sep 1;72(17):4289-93
 10. Satirapod C, Wingprawat S, Jultanmas R, Rattanasiri S, **Jirawatnotai S**, Choktanasiri W, Effect of estradiol valerate on endometrium thickness during clomiphene citrate-stimulated ovulation., *J Obstet Gynaecol Res*, 2013 Aug 12
 11. Thongsroy J, Matangkasombut O, Thongnak A, Rattanatanyong P, **Jirawatnotai S**, Mutirangura A, Replication-Independent Endogenous DNA Double-Strand Breaks in *Saccharomyces cerevisiae* Model, *PLOS ONE*, 2013 Aug 19;8(8):
 12. Chuengsamarn S, Rattanamongkolgul S, **Jirawatnotai S**, Association between serum uric acid level and microalbuminuria to chronic vascular complications in Thai patients with type 2 diabetes, *J Diabetes Complications*. 2013 Dec 12
 13. Chuengsamarn S, Rattanamongkolgul S, Phonrat B, Tungtrongchitr R, **Jirawatnotai S**, Reduction of atherogenic risk in patients with type 2 diabetes by curcuminoid extract: a randomized controlled trial, *J Nutr Biochem*. 2014 Feb;25(2):144-50.