

# Seewaboon Sireeratawong

## PROFILE

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Name : Seewaboon Sireeratawong

Academic Position : Associate Professor

Degree : Ph.D. (Pharmacology) from Chiang Mai University, Thailand

Office : Department of Pharmacology, Faculty of Medicine, Chiang Mai University 50200,

THAILAND

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## EDUCATION

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2002	Ph.D. (Pharmacology)	Chiang Mai University, Thailand
1996	D.V.M. (Veterinary Medicine)	Khon Kaen University, Thailand

## WORK EXPERIENCES

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2021-2025	Deputy Head of Department	Department of Pharmacology, Faculty of Medicine, Chiang Mai University
2014- Present	Associate professor	Department of Pharmacology, Faculty of Medicine, Chiang Mai University
2014	Instructor	Department of Pharmacology, Faculty of Medicine, Chiang Mai University
2013-2014	Director	Laboratory Animal Center, Thammasat University
2012-2014	Deputy Chief Pre-Clinical Science Officer for Planning and Development	Faculty of Medicine, Thammasat University
	Chairman of the Board of Strategic Development	Department of Preclinical Science, Faculty of Medicine, Thammasat University
	Head, Division of Pharmacology	Department of Preclinical Science, Faculty of Medicine, Thammasat University
2011-2013	Director (Acting)	Laboratory Animal Center, Thammasat University
2009-2014	Associate professor	Division of Pharmacology, Department of Preclinical Science, Faculty of Medicine, Thammasat University
2006-2014	Head, Virtual Research Unit of Research Unit of Pharmacology and Toxicology	Thammasat University
	Head, Experimental Animal Unit	Faculty of Medicine, Thammasat University

	Head of Laboratory for Pharmacology and Toxicology Research	Faculty of Medicine, Thammasat University
2005-2006	Assistant to the Vice-Dean for Research	Faculty of Medicine, Thammasat University
2004-2009	Assistant professor	Division of Pharmacology, Department of Preclinical Science, Faculty of Medicine, Thammasat University
2003-2005	Assistant Chief Pre-Clinical Science Officer for Planning and Development	Faculty of Medicine, Thammasat University
2003-2004	Head, Division of Pharmacology	Department of Preclinical Science, Faculty of Medicine, Thammasat University
	Head, Research Unit of Pharmacology and Toxicology	Faculty of Medicine, Thammasat University
2002-2004	Instructor	Department of Preclinical Science, Faculty of Medicine, Thammasat University

## PROFESSIONAL ACTIVITIES AND CONTRIBUTIONS

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- 2017-Present 1. Monitoring and Site-visiting Committee and Evaluation Standard of Institutional Animal Care and Use Committee, Institute for Animals for Scientific Purpose Development (IAD), National Research Council of Thailand (NRCT)
- 2016-Present 2. Institutional Animal Care and Use Committee Member, Thammasat University
- 2015-Present 3. Sub-Institutional Animal Care and Use Committee Member, Thammasat University
- 2017-Present 4. Consultant of Laboratory Animal Center, Office of Advanced Science and Technology, Thammasat University
- 2017-Present 5. Institutional Animal Care and Use Committee Member, National Center for Genetic Engineering and Biotechnology (BIOTEC)
- 2017-Present 6. Consultant of Laboratory Animal Section, National Center for Genetic Engineering and Biotechnology (BIOTEC)
- 2016-Present 7. Institutional Animal Care and Use Committee Member, Faculty of Medicine, Chiang Mai University
- 2008-2014 8. Chairman of the Board of Animal Ethics Committee, Thammasat University
- 2004-2017 9. Member of the Commission, Animal Ethics, National Center for Genetic Engineering and Biotechnology (BIOTEC)
- 2003-2014 10. Chairman of the Board of Animal Ethics Committee, Faculty of Medicine, Thammasat University

## FUNDING

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2005	1. Head of research program: Biological Activities of <i>Terminalia chebula</i> Retz., <i>Terminalia bellirica</i> (Gaertn.) Roxb., <i>Phyllanthus emblica</i> Linn., <i>Morinda citrifolia</i> Linn. and <i>Murdannia loriformis</i> (Hassk.) Rolla Rao et Kammathy	National Research Council of Thailand (NRCT)
	2. Head of research project: Anti-inflammatory and Analgesic Activities of Five Kinds of Thai Medicinal Plants	
	3. Head of research project: Anti-tumor Promotion on Mice Skin of Five Kinds of Thai Medicinal Plants	National Research Council of Thailand (NRCT)
	4. Head of research project: Cytotoxicity Anti-proliferation and Anti-invasion of Cancers of Five Kinds of Thai Medicinal Plants	
2006	1. Head of research program: Research and Development of <i>Terminalia chebula</i> Retz., <i>Terminalia bellerica</i> Roxb. and <i>Phyllanthus emblica</i> L. to the Health	National Research Council of Thailand (NRCT)

2. Head of research project: Acute and Chronic  
Toxicities of Three Kinds of Thai Medicinal Plants

3. Head of research project: Acute and Subchronic  
Toxicity Study of Tam rub Chanta leela in rats

4. Head of research project: Acute and Subchronic  
Toxicity Study of Tamrub Roean Pip Samut in rats

2007	1. Head of research program: Biological Activities of Maha Pigut Tripala	National Research Council of Thailand (NRCT)
	2. Head of research project: Anti-inflammatory and Analgesic Activities of Maha Pigut Tripala	
	3. Head of research project: Anti-tumor Promotion on Mice Skin of Maha Pigut Tripala	
	4. Head of research project: The anti-oxidation of Maha Pigut Tripala	
	5. Head of research project: The Study of Acute and Subchronic Toxicities from the extract and powder of Fi-Pra-Lai-Kul Recipe	National Research Council of Thailand (NRCT)

6. Head of research project: Anti-inflammation, analgesic and antipyretic activities of Juntaleela Recipe

7. Head of research project: Anti-gastric ulcer activities of Jantaleela Recipe

8. Head of research project: Anti-inflammation, antipyretic and analgesic effects of Benjakul extract in animal

2008	1. Head of research project: Acute and chronic toxicity studies of piperine extract in rats	Department for Development of Thai Traditional And Alternative Medicine Ministry of Public Health
2009	1. Head of research project: Acute and Chronic Toxicities of Pommi Extract	National Research Council of Thailand (NRCT)
	2. Head of research project: The Study of Acute and Chronic Toxicities of the Extract From <i>Zingiber purpureum</i> Roscoe	
	3. Head of research project: The antioxidation of <i>Terminalia chebula</i> Retz., <i>Terminalia bellirica</i> Roxb., <i>Phyllanthus emblica</i> L., <i>Morinda citrifolia</i> Linn. and <i>Murdannia loriformis</i> (Hassk.) Rolla Rao et Kammathy	Thammasat University

2010	<ol style="list-style-type: none"> <li data-bbox="363 150 1018 192">1. Head of research project: Anti-tumor promotion</li> <li data-bbox="363 327 1018 427">2. Head of research project: Acute and Subacute Toxicity study of Tumrub Ya Wat Mai Seab in Rats</li> <li data-bbox="363 495 1018 584">3. Head of research project: Acute and Subchronic Toxicity study of Tumrub Ya Sam Rak in Rats</li> </ol>	<p data-bbox="1102 150 1390 250">National Research University (NRU)</p> <p data-bbox="1102 327 1390 633">Department for Development of Thai Traditional And Alternative Medicine Ministry of Public Health</p>
2011	<ol style="list-style-type: none"> <li data-bbox="363 656 1018 824">1. Head of research program: Research and Development of Anti-cancer Formula from Wat Khampramong</li> <li data-bbox="363 853 1018 1019">2. Head of research project: Anti-tumor Effects and Toxicity of Anti-cancer Formula from Wat Khampramong</li> </ol>	<p data-bbox="1102 656 1390 824">National Research Council of Thailand (NRCT)</p>

2012	<ol style="list-style-type: none"> <li data-bbox="373 219 1075 300">1. Head of research program: Research and development of Rittichon formula</li> <li data-bbox="373 394 1075 542">2. Head of research project: Anti-inflammatory, analgesic and anti-ulcerogenic activities of extractive from Rittichon formula</li> <li data-bbox="373 636 1075 716">3. Head of research project: Acute and Chronic Toxicity of Extractive from Rittichon Formula</li> <li data-bbox="373 797 1075 887">4. Head of research project: Acute and chronic toxicity of Sa-hat-ta-ra recipe extract</li> </ol>	National Research Council of Thailand (NRCT)
2013	<ol style="list-style-type: none"> <li data-bbox="373 1032 1075 1126">1. Head of research program: Pharmacological and toxicity of Ya Prasa Kanplu</li> <li data-bbox="373 1200 1075 1294">2. Head of research project: Analgesic activity study of Ya Prasa Kanplu</li> <li data-bbox="373 1397 1075 1491">3. Head of research project: Acute and subchronic toxicity study of YaPrasaKanplu</li> </ol>	Department for Development of Thai Traditional And Alternative Medicine Ministry of Public Health

2014	<p>1. Head of research program: Biological activity of of the Standardized Extract of <i>Thumbergia laurifolia</i> Lindl.</p> <p>2. Head of research project: Effect of the Standardized Extract of <i>Thumbergia laurifolia</i> Lindl. on Markers of Hangover</p> <p>3. Head of research project: Toxicology of the Standardized Extract of <i>Thumbergia laurifolia</i> Lindl.</p>	National Research Council of Thailand (NRCT)
2015	<p>1. Head of research program: Research and Development of the Psoriasis Treatment Thai Herbs for Formula from Prapokklao Hospital</p> <p>2. Head of research project: The Study of Antipsoriatic effect in Preclinic of Wanachawee recipes</p> <p>3. Head of research program: Development for Prasapraohyai remedy extract as drugs for treatment allergic rhinitis patients</p> <p>4. Head of research project: Chronic Toxicity of Prasapraohyai remedy extract</p>	Agricultural research development agency (Public organization); ARDA
2015	5. Head of research program: Research and development of traditional knowledge from medicinal plants and traditional medicine	Highland Research and Development Institute (Public Organization).

2016	<p>1. Head of research program: The Research and Development of Standardized Extract of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> species in Thailand as Health Products for Erectile Dysfunction Patients</p>	<p>Agricultural research development agency (Public organization); ARDA</p>
	<p>2. Head of research project: Effects of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> Standardized Extract on Sexual Behaviour, Anxiety and Cardiovascular System</p>	
	<p>3. Head of research project: Analgesic and Anti-inflammatory Effects of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> Standardized Extract</p>	
	<p>4. Head of research project: Anti-ulcerogenic Effect of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> Standardized Extract</p>	
	<p>5. Head of research project: Acute and Chronic Toxicity of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> Standardized Extract</p>	
	<p>6. Head of research program: Pharmacological activity of Patthapita</p>	<p>Agricultural research development agency (Public organization); ARDA</p>
	<p>7. Head of research project: Hepatoprotective effect of the Standardized Extract of Patthapita</p>	
2016	<p>8. Head of research project: Toxicology of the Standardized Extract of Patthapita</p>	<p>Agricultural research development agency (Public organization); ARDA</p>

	9. Head of research program: The study of toxicology and pharmacology of medicinal plants/traditional medicine	Highland Research and Development Institute (Public Organization).
2017	1. Head of research project: The Study of Antipsoriatic effect in Preclinic of Wanachawee recipes	Agricultural research development agency (Public organization); ARDA
	2. Head of research program: The Study of Pharmacology and Toxicology of Medicinal Plants/Traditional Medicine in The Tonic Herb	Highland Research and Development Institute (Public Organization).
2018	1. Head of research program: The study of phytochemistry and biological activity of herbal medicine	Highland Research and Development Institute (Public Organization).
	2. Head of research program: The study of Biological activity of <i>Thumbergia laurifolia</i> Lindl. Extract (Second Year)	Agricultural research development agency (Public organization); ARDA
	3. Head of research project: Biological activity of the Pure Compounds of Standardized Extract of <i>Thumbergia laurifolia</i> Lindl.	
	4. Head of research program: The Research and Development of Standardized Extract of <i>Mucuna pruriens</i> (L) D.C. var. <i>pruriens</i> species in Thailand as Health Products for Erectile Dysfunction Patients (Second Year)	

2018	5. Head of research project: Chronic Toxicity of <i>Mucuna pruriens</i> (L) DC. var. <i>pruriens</i> Standardized Extract	Agricultural research development agency (Public organization); ARDA
2019	1. Head of research program: Study and Research of Herbal Products from Traditional Knowledge of Highland Local Wisdom	Highland Research and Development Institute (Public Organization).
2020	1. Head of research program: Research and development of medicinal plants and folk recipe for Detoxification activity of Highland to the commercial products	Highland Research and Development Institute (Public Organization).
	2. Head of research project: Pharmacological activity of the fraction of major herb in Patthapita recipe	Agricultural research development agency (Public organization); ARDA
2021-2024	1. Head of research program: Research and Development of Medicinal Plants and Folk Recipe for Detoxification Activity of Highland to the Commercial Products in Clinical phase	Highland Research and Development Institute (Public Organization).
	2. Head of research program: Research and Test of <i>Mucuna pruriens</i> (L.) DC. Product on Clinical phase	Agricultural research development agency (Public organization); ARDA
2024	1. Head of research program: Anti-pesticide poisoning effects of indigenous herbs for highland agriculturists' quality of life in 2024	Targeted Research, Chiang Mai University

2025	1. Head of research program: Phase 2, a randomized, double-blind, two-way crossover, placebo-controlled clinical trial of efficacy and safety of <i>Mucuna pruriens</i> extract in men with mild and mild to moderate erectile dysfunction	Agricultural research development agency (Public organization); ARDA
	2. Head of research program: Enhancement of hepatoprotective dietary supplement toward expanded commercial application	Science and Technology Park, Chiangmai University

## PUBLICATION

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1. Yimsoo T, Taychaworaditsakul W, Chuntakaruk H, Treesuppharat W, Kongkiatpaiboon S, Ariyachayut A, Chansakaow S, Chewonarin T, Khonsung P, **Sireeratawong S**. Antitumor Activity of the Ethanolic Extract from *Syzygium aromaticum* in Colorectal Cancer Xenograft Mice. *Pharmaceutics*. 2026; 18(1):79. <https://doi.org/10.3390/pharmaceutics18010079>
2. Kunnaja P, Chansakaow S, Taychaworaditsakul W, Intatham S, Jaijoy K, Wittayapraparat A, Yusuk P, Suksathan R, **Sireeratawong S**. Hepatoprotective Effects and Antioxidant Properties of a Herbal Detoxifying Formula Against Chlorpyrifos-Induced Toxicity in Sprague-Dawley Rats. *Biology*. 2026; 15(1):17. <https://doi.org/10.3390/biology15010017>
3. Yimsoo T, Taychaworaditsakul W, Chansakaow S, Kongkiatpaiboon S, Tayana N, Chewonarin T, Khonsung P, **Sireeratawong S**. The Effect of the Ethanolic Extracts from *Syzygium aromaticum* and *Syzygium nervosum* on Antiproliferative Activity and Apoptosis in HCT116 and HT-29 Cells. *International Journal of Molecular Sciences*. 2025; 26(14):6826. <https://doi.org/10.3390/ijms26146826>
4. Tantipat S, Trisuwan K, Kunnaja P, **Sireeratawong S**, Natakankitkul S, Imiam S, Chansakaow S. Trans-p-Coumaryl Alcohol as a Bioactive Compound and Anti-Inflammatory Agent in Wannachawee Recipe for Psoriasis. *Pharmaceutics*. 2025; 17(7):864. <https://doi.org/10.3390/pharmaceutics17070864>
5. Intatham S, Taychaworaditsakul W, Kunnaja P, Wongnoppavich A, Jaijoy K, Chansakaow S, Rojsanga P, **Sireeratawong S**. Anti-Hangover and Hepatoprotective Effects of the Leaf Extract of *Thunbergia laurifolia* in Sprague–Dawley Rats. *Pharmaceutics*. 2025; 18(5):685. <https://doi.org/10.3390/ph18050685>

6. Intatham S, Taychaworaditsakul W, Khonsung P, Chansakaow S, Jaijoy K, Lertprasertsuke N, Soonthornchareonnon N, **Sireeratawong S**. Safety Evaluation for Acute and Chronic Oral Toxicity of Maha Pigut Triphala Contains Three Medicinal Fruits in Sprague-Dawley Rats. *Biology*. 2024; 13(12):1005. <https://doi.org/10.3390/biology13121005>
7. Bunyakitcharoen A, Taychaworaditsakul W, **Sireeratawong S**, Chansakaow S. Anti-Hyperglycemic Effects of Thai Herbal Medicines. *Plants*. 2024; 13(20):2862. <https://doi.org/10.3390/plants13202862>
8. Taychaworaditsakul W, Sawong S, Intatham S, Chansakaow S, Chewonarin T, Kunnaja P, Jaijoy K, Wittayapraparat A, Yusuk P, Charoensup W and **Sireeratawong S**. The Safety Assessment of Mutagenicity, Acute and Chronic Toxicity of the *Litsea martabanica* (Kurz) Hook.f. Water Leaf Extract. *Toxics* 2024, 12(7), 470; <https://doi.org/10.3390/toxics12070470>
9. Taychaworaditsakul W, Sawong S, Intatham S, Chansakaow S, Kunnaja P, Chewonarin T, Jaijoy K, Wittayapraparat A, Yusuk P and **Sireeratawong S**. The Ameliorative Effect of *Litsea martabanica* (Kurz) Hook. f. Leaf Water Extract on Chlorpyrifos-Induced Toxicity in Rats and Its Antioxidant Potentials. *Foods* 2024, 13(11), 1695; <https://doi.org/10.3390/foods13111695>
10. Taychaworaditsakul W, Saenjurn C, Lumjuan N, Chawansuntati K, Sawong S, Jaijoy K, Na Takuathung M and **Sireeratawong S**. Safety of Oral *Carica papaya* L. Leaf 10% Ethanolic Extract for Acute and Chronic Toxicity Tests in Sprague Dawley Rats. *Toxics* 2024, 12(3), 198; <https://doi.org/10.3390/toxics12030198>
11. Tan B, Chiranthanut N, Chansakaow S, **Sireeratawong S**, Khonsung P, Nimlamool W, Takuathung MN, Lertprasertsuke N. Gastroprotective effects of Pikad Tri-phol-sa-mut-than herbal remedy on multiple gastric ulcer models in rats. *Heliyon*. 2023 Aug 19.
12. Subhawa S, Arpornchayanon W, Jaijoy K, Chansakaow S, Soonthornchareonnon N, and **Sireeratawong S**. Anti-Inflammatory, Antinociceptive, Antipyretic, and Gastroprotective Effect of *Eurycoma longifolia* Jack Ethanolic Extract. *Life*. 2023; 13(7):1465. <https://doi.org/10.3390/life13071465>

13. Na Takuathung, M., Wongnoppavich, A., Jaijoy, K., Soonthornchareonnon, N. and **Sireeratawong, S.**, 2023. Antioxidant and Antitumorigenic Activities of the Standardized Water Extract From Fruit of *Terminalia chebula* Retz. var. *chebula*. *Natural Product Communications*, 18(6), p.1934578X231176925.
14. Tan, B., Chiranthanut, N., Chansakaow, S., **Sireeratawong, S.**, Khonsung, P., Nimlamool, W., Takuathung, M. N., & Lertprasertsuke, N. (2022). Anti-inflammatory effects of Pikad Tri-phol-sa-mut-than remedy, consisting of dried fruits of *Aegle marmelos* (L.) Corrêa, *Coriandrum sativum* L., and *Morinda citrifolia* L. *Journal of ethnopharmacology*, 298, 115639. <https://doi.org/10.1016/j.jep.2022.115639>.
15. Arpornchayanon W, Subhawa S, Jaijoy K, Lertprasertsuk N, Soonthornchareonnon N, **Sireeratawong S**. Safety of the Oral Triphala Recipe from Acute and Chronic Toxicity Tests in Sprague-Dawley Rats. *Toxics*. 2022 Aug 30;10(9):514.
16. Na Takuathung M, Jaijoy K, Soonthornchareonnon N, **Sireeratawong S**. Anti-inflammatory, Antinociceptive, and Antitumorigenesis Activities of *Terminalia Bellerica* (Gaertn.) Roxb. in Animal Models. *Natural Product Communications*. 2022 Apr;17(4):1934578X221089996.
17. Kunnaja, P., Chansakaow, S., Wittayapraparat, A., Yusuk, P., and **Sireeratawong, S.** (2021). In Vitro Antioxidant Activity of *Litsea martabanica* Root Extract and Its Hepatoprotective Effect on Chlorpyrifos-Induced Toxicity in Rats. *Molecules* (Basel, Switzerland), 26(7), 1906. <https://doi.org/10.3390/molecules26071906>
18. Rachsee A, Chiranthanut N, Kunnaja P, **Sireeratawong S**, Khonsung P, Chansakaow S, Panthong A. *Mucuna pruriens* (L.) DC. seed extract inhibits lipopolysaccharide-induced inflammatory responses in BV2 microglial cells. *J Ethnopharmacol*. 2021;267:113518. Online doi: 10.1016/j.jep.2020.113518
19. Khonsung P, Chiranthanut N, Panthong A, Chansakaow S, Intahphuak S, **Sireeratawong S**. Acute and ninety-day oral toxicity of the water extract from the fresh leaves of *Pseuderanthemum palatiferum* in rats. *Chiang Mai University Journal of Natural Sciences*. 2020;19(4), pp. 983-996.

20. Inchab K, Khonsung P, Chiranthanut N, Kunanusorn P, Panthong A, **Sireeratawong S**. Evaluation of anti-inflammatory, analgesic, and antipyretic activities of *Pseuderanthemum palatiferum*. Chiang Mai University Journal of Natural Sciences 2019;(3)18, pp. 393-407.
21. Kuropakornpong P, Itharat A, Panthong S, **Sireeratawong S**, Ooraikul B. In Vitro and In Vivo Anti-Inflammatory Activities of Benjakul: A Potential Medicinal Product from Thai Traditional Medicine. Evid Based Complement Alternat Med 2020.
22. Phaosri M, Jantrapirom S, Na Takuathung M, Soonthornchareonnon N, **Sireeratawong S**, Buacheen P, Pitchakarn P, Nimlamool W, and Potikanond S. *Salacia chinensis* L. Stem Extract Exerts Antifibrotic Effects on Human Hepatic Stellate Cells through the Inhibition of the TGF-1-Induced SMAD2/3 Signaling Pathway. Int J Mol Sci. 2019. 13;20(24).
23. Na Takuathung M, Wongnoppavich A, Panthong A, Khonsung P, Chiranthanut N, Soonthornchareonnon N, **Sireeratawong S**. Antipsoriatic Effects of Wannachawee Recipe on Imiquimod-Induced Psoriasis-Like Dermatitis in BALB/c Mice. Evid Based Complement Alternat Med. 2018. (2):1-13. DOI: 10.1155/2018/7931031
24. Inchab K, Khonsung P, Chiranthanut N, Kunanusorn P, Potikanond S, Chansakaow S, Panthong A, **Sireeratawong S**. Anti-gastric ulcer activity of the water extract from Payawanorn (*Pseuderanthemum palatiferum*). J Health Sci Med Res. 2018; 36(2):89-95.
25. Na Takuathung M, Wongnoppavich A, Pitchakarn P, Panthong A, Khonsung P, Chiranthanut N, Soonthornchareonnon N, **Sireeratawong S**. Effects of Wannachawee Recipe with Antipsoriatic Activity on Suppressing Inflammatory Cytokine Production in HaCaT Human Keratinocytes. Evid Based Complement Alternat Med. 2017. 5906539. DOI: 10.1155/2017/5906539
26. Ratchadaporn N, Rojanasthien N, **Sireeratawong S**, Rojsanga P, Nimlamoo W, Potikanond S. *Thunbergia laurifolia* Exhibits Antifibrotic Effects in Human Hepatic Stellate Cells. Evid Based Complement Alternat Med. 2017. 3508569. DOI: 10.1155/2017/3508569
27. Chularojanamontri L, Chiranthanut N, Jaijoy K, Soonthornchareonnon N, **Sireeratawong S**. Anti-inflammatory, analgesic and antipyretic activity of *Terminalia arjuna* Roxb. extract in animal models. Thai Pharm Health Sci J. 2017. 100(Suppl.5):S91-S97.

28. Wannasiri S, Chansakaow S, **Sireeratawong S**. Effects of Solanum torvum fruit water extract on hyperlipidemia and sex hormones in high-fat fed male rats. Search Results. Asian Pac J Trop Biomed. 2017. DOI: 10.1016/j.apjtb.2017.01.027
29. Munkong N, Hansakul P, Yoysungnoen B, Wongnoppavich A, **Sireeratawong S**, Kaendee N and Lerdvuthisopon N. (2016). Vasoprotective effects of rice bran water extract on rats fed with high-fat diet. Asian Pacific Journal of Tropical Biomedicine. 6(9), 778-784.
30. **S. Sireeratawong**, N. Chiranthanut, N. Lertprasertsuke, K. Jaijoy. (2016). Acute and chronic toxicities of *Pandanus amaryllifolius* Roxb. Water extract from the root in rats. SOJ Pharmacy & Pharmaceutical Sciences 3(2), 1-7. DOI: <http://dx.doi.org/10.15226/2374-6866/3/1/00140>
31. U. Nanna, K. Jaijoy, N. Soonthornchareonnon, **S. Sireeratawong** (2015) Analgesic and antipyretic activity of Tri-sa-maw recipe. *Journal of the Medical Association of Thailand*. 98(Suppl 2), S16-21.
32. U. Nanna, K. Jaijoy, N. Lertprasertsuke, N. Soonthornchareonnon, **S. Sireeratawong** (2015). Acute and subchronic toxicity of Tri-sa-maw recipe in rat. *Journal of the Medical Association of Thailand*. 98(Suppl 2), S8-15.
33. S. Wannasiri, K. Jaijoy, N. Chiranthanut, N. Soonthornchareonnon, **S. Sireeratawong** (2015). Effect of Tri-sa-maw recipe on gastrointestinal regulation and motility. *Journal of the Medical Association of Thailand*. 98(Suppl 2), S1-7
34. **S. Sireeratawong**, K. Jaijoy, P. Khonsung, N. Lertprasertsuke, K. Ingkaninan. (2016). Acute and chronic toxicities of *Bacopa monnieri* extract in Sprague Dawley rats. BMC Complementary and Alternative Medicine (2016) 16:249 DOI 10.1186/s12906-016-1236-4
35. S. Koontongkaew, O. Poachanukoon, **S. Sireeratawong**, T. Dechatiwongse Na Ayudhya, P. Khonsung, K. Jaijoy, R. Soawakontha, M. Chanchai. Safety Evaluation of *Zingiber cassumunar* Roxb. Rhizome Extract: Acute and Chronic Toxicity Studies in Rats. Int Sch Res Notices. 2014. Doi: 10.1155/2014/632608. 14

36. **S. Sireeratawong**, K. Jaijoy, P. Khonsung, N. Soonthornchareonnon (2014). Analgesic and anti-inflammatory activities of the water extract from *Terminalia chebula* Rezt. *African Journal of Traditional, Complementary and Alternative Medicines* 11(6):77-82.
37. **S. Sireeratawong**, A. Itharat. P. Khonsung, N. Lertprasertsuke, K. Jaijoy (2013) Toxicity studies of the water extract from the calyces of *Hibiscus sabdariffa* L. in rats. *African Journal of Traditional, Complementary and Alternative Medicines*. 10(4):122-1271.
38. **S. Sireeratawong**, K. Jaijoy, N. Soonthornchareonnon. (2014). Evaluation of anti-inflammatory and antinociceptive activity of Triphala recipe. *African Journal of Traditional, Complementary and Alternative Medicines* 10(2):246-250.
39. **S. Sireeratawong**, K. Jaijoy, W. Panunto, U. Nanna, N. Lertprasertsuke, N. Soonthornchareonnon. (2014). Acute and chronic toxicity studies of the water extract from dried fruits of *Terminalia bellerica* (Gaertn.) Roxb. in Spargue-Dawley rats. *African Journal of Traditional, Complementary and Alternative Medicines* 10(2):223-231.
40. **S. Sireeratawong**, U. Nanna, S. Vannasiri, N. Chiruntanat, S. Srithiwong, P. Subcharoen, P. Termwiset, P. Tungsukruthai, A. Chuthaputti, K. Jaijoy (2013). Acute and subchronic toxicity study of Tud-Rak-Ka-Sai-Puu Recipe in rats. *African Journal of Traditional, Complementary and Alternative Medicines* 10(1):142-148.
41. **S. Sireeratawong**, N. Chiruntanat, U. Nanna, N. Lertprasertsuke, S. Srithiwong, N. Soonthornchareonnon, K. Jaijoy (2013). Acute and Subchronic Toxicity of Chantaleela Recipe in Rats. *African Journal of Traditional, Complementary and Alternative Medicines* 10(1):128-133.
42. **S. Sireeratawong**, P. Khonsung, U. Nanna, S. Vannasiri, N. Lertprasertsuke, T. Singhalak, N. Soonthornchareonnon, K. Jaijoy (2012). Anti-diarrheal activity and toxicity of Learng Pid Samud recipe. *African Journal of Traditional, Complementary and Alternative Medicines* 9(4):519-529.
43. **S. Sireeratawong**, P. Khonsung, P. Piyabhan, U. Nanna, N. Soonthornchareonnon, K. Jaijoy (2012). Anti-inflammatory and anti-ulcerogenic activities of Chantaleela recipe. *African Journal of Traditional, Complementary and Alternative Medicines* 9(4):485-494.

44. **S. Sireeratawong**, S. Thamaree, K. Ingkaninan, P. Piyabhan, S. Vannasiri, P. Khonsung, T. Singhalak, K. Jaijoy (2012). Evaluation of acute and subacute oral toxicity of the ethanol extract from *Antidesma acidum* Retz. *African Journal of Traditional, Complementary and Alternative Medicines* 9(4):465-469.
45. **S. Sireeratawong**, A. Itharat, N. Lerdvuthisopon, P. Piyabhan, P. Khonsung, S. Boonraeng, K. Jaijoy (2012). Anti-inflammatory, analgesic and antipyretic activities of the ethanol extract of *Piper interruptum* Oipz. and *Piper chaba* Linn. *ISRN Pharmacology* Article ID 480265, 6 pages.
46. **S. Sireeratawong**, S. Vannasiri, U. Nanna, T. Singhalak, K. Jaijoy (2012). Evaluation of acute and chronic toxicities of the water extract from *Ziziphus attopensis* Pierre. *ISRN Pharmacology* Article ID 789651, 7 pages.
47. Jitvaropas R, Saenthaweesuk S, Somparn N, Thuppia A, **Sireeratawong S** and Phoolcharoen W. (2012). Antioxidant, antimicrobial and wound healing activities of *Boesenbergia rotunda*. *Natural Product Communications* 7(7):909-12.
48. J. Charoenteeraboon, K. Jaijoy, A. Wongnoppavich, N. Soonthornchareonnon, **S. Sireeratawong** (2010). Antioxidant activities of the standardized water extract from fruit of *Phyllanthus emblica* Linn. *Songklanakarin Journal of Science and Technology* 32(6):599-604.
49. **S. Sireeratawong**, S. Vannasiri, S. Sritiwong, A. Itharat, K. Jaijoy. Anti-inflammatory, Antinociceptive and Antipyretic Effects of the Ethanol Extract from Root of *Piper sarmentosum* Roxb. *Journal of the Medical Association of Thailand* 93(Suppl.7):S1-S6.
50. **S. Sireeratawong**, P. Piyabhan, T. Singhalak, Y. Wongkrajang, R. Temsiririrkkul, J. Punsrirat, N. Ruangwises, S. Saraya, N. Lerdvuthisopon, K. Jaijoy (2010). Toxicity evaluation of Sappan wood extract in rats. *Journal of the Medical Association of Thailand* 93(Suppl.7):S50-S59.
51. K. Pinmai, W. Hirrote, N. Soonthornchareonnon, K. Jongsakul, **S. Sireeratawong**, S. Tor-Udom (2010). *In Vitro* and *In Vivo* Antiplasmodial Activity and Cytotoxicity of Water Extracts of *Phyllanthus emblica*, *Terminalia chebula*, and *Terminalia bellerica*. *Journal of the Medical Association of Thailand* 93(Suppl.7):S120-S126.

52. K. Jaijoy, S. Vannasiri, P. Piyabhan, N. Lerdvuthisopon, S. Boonraeng, P. Khonsung, N. Lertprasertsuke, **S. Sireeratawong** (2010). Acute and subchronic toxicity study of the water extract from the fruits of *Piper chaba* Hunter in rats. *International Journal of Applied Research in Natural Products* 3(4):29-35.
53. W. Panuntoa, K. Jaijoy, N. Lerdvuthisopon, N. Lertprasertsuke, N. Soonthornchareonnonb, **S. Sireeratawong** (2010). Acute and chronic toxicity studies of the water extract from dried fruits of *Terminalia chebula* Rezt. in rats. *International Journal of Applied Research in Natural Products* 3(4):36-43.
54. K. Jaijoy, N. Soonthornchareonnon, N. Lertprasertsuke, A. Panthong, **S. Sireeratawong** (2010). Acute and chronic oral toxicity of standardized water extract from the fruit of *Phyllanthus emblica* Linn. *International Journal of Applied Research in Natural Products* 3(1):48-58.
55. C. Ngamkitidechakul, K. Jaijoy, P. Hansakul, N. Soonthornchareonnon, **S. Sireeratawong** (2010). Antitumor effects of *Phyllanthus emblica* Linn.: Induction of cancer cell apoptosis and inhibition of in vivo tumor promotion and in vitro invasion of human cancer cells. *Phytotherapy Research* 24:1405-1413.
56. K. Jaijoy, N. Soonthornchareonnon, A. Panthong, **S. Sireeratawong** (2010). Anti-inflammatory and analgesic activities of the water extract from the fruit of *Phyllanthus emblica* Linn. *International Journal of Applied Research in Natural Products* 3(2):28-35.
57. N. Kandee, **S. Sireeratawong**, B. Burawat, N. Utama-Ang, N. Lerdvuthisopon (2009). The effect of rice barn extract on insulin resistance in high fat diet-induced obese rats. *Thammasat Medical Journal* 9(2):140-147.
58. A. Thuppia, P. Rabintossaporn, S. Saenthaweek, K. Ingkaninan, **S. Sireeratawong** (2009). The hypoglycemic effect of the water extract from leaves of *Lagerstroemia speciosa* L. in streptozotocin-induced diabetic rats. *Songklanakarin Journal of Science and Technology* 31(2):133-137.

59. S. Saenthaweesuk, A. Thuppia, P. Rabintossaporn, K. Ingkaninan, **S. Sireeratawong** (2009). The study of hypoglycemic effects of the *Morus alba* L. leave extract and histology of the pancreatic islet cells in diabetic and normal rats. *Thammasat Medical Journal* 9(2):148-155.
60. P. Rabintossaporn, S. Saenthaweesuk, A. Thuppia, K. Ingkaninan, **S. Sireeratawong** (2009). The histological examination of livers in normal and streptozotocin-induced diabetic rats received *Annona squamosa* L. aqueous leaves extract. *Thammasat Medical Journal* 9(1): 39-44.
61. P. Rabintossaporn, A. Thuppia, S. Saenthaweesuk, K. Ingkaninan, **S. Sireeratawong** (2009). Antihyperglycemic and histological effects on the pancreas of the aqueous leaves extract of *Annona squamosa* L. in normal and diabetic rats. *Songklanakarin Journal of Science and Technology* 31(1):73-78.
62. P. Hansakul, C. Ngamkitidechakul, K. Ingkaninan, **S. Sireeratawong**, W. Panunto (2009). Apoptotic induction activity of *Dactyloctenium aegyptium* (L.) P.B. and *Eleusine indica* (L.) Gaerth. *Songklanakarin Journal of Science and Technology* 31(3):273-279.
63. **S. Sireeratawong**, N. Lertprasertsuke, U. Srisawat, A. Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2009). Acute and subchronic toxicities of the water extract from *Harrisonia perforata* Merr. in rats. *Songklanakarin Journal of Science and Technology* 31(1):63-71.
64. **S. Sireeratawong**, A. Wongnophavich, K. Jaijoy. (2009). Triphala: The Thai Traditional Herbal Formulation for Cancer Treatment. *Songklanakarin Journal of Science and Technology* 31(2):139-149.
65. **S. Sireeratawong**, N. Lertprasertsuke, U. Srisawat, A. Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2008). Acute and subchronic toxicities of the water from root of *Sida rhombifolia* Linn. in rats. *Songklanakarin Journal of Science and Technology* 30(6):729-737.

66. **S. Sireeratawong**, N. ertprasertsuke, U. Srisawat, A. Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2008). Acute and subchronic toxicities of the water extract from *Tiliacora triandra* (Colebr.) Songklanakarin *Journal of Science and Technology* 30(5):611-619.
67. K. Pinmai, **S. Chunlaratthanabhorn**, C. Ngamkitidechakul, N. Soonthornchareon, C. Hahnvajanawong (2008). Synergistic growth inhibitory effects of *Phyllanthus emblica* and *Terminalia bellerica* extracts with conventional cytotoxic agents: doxorubicin and cisplatin against human hepatocellular carcinoma and lung cancer cells. *World Journal Gastroenterology* 14(10):1477-1640.
68. **S. Chunlaratthanaphorn**, N. Lertprasertsuke, U. Srisawat, A. Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2007). Acute and subchronic toxicities of the water extract from *Imperata cylindrica* (Linn.) Raeusch in rats. *Songklanakarin Journal of Science and Technology* 29(Suppl.1):141-155.
69. **S. Chunlaratthanaphorn**, N. Lertprasertsuke, U. Srisawat, A.Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2007). Acute and subchronic toxicities of the water extract from *Citrus aurantifolia* (Christm. et Panz.) Swingle in rats. *Songklanakarin Journal of Science and Technology* 29(Suppl.1):125-139.
70. **S. Chunlaratthanaphorn**, N. Lertprasertsuke, U. Srisawat, A.Thuppia, A. Ngamjariyawat, N. Suwanlikhid, K. Jaijoy (2007). Acute and subchronic toxicities of the water extract from *Piper nigrum* L. in rats. *Songklanakarin Journal of Science and Technology* 29(Suppl.1):109-124.
71. **S. Thanabhorn**, K. Jaijoy, S. Thamaree, K. Ingkaninan and A. Panthong (2006). Acute and subacute toxicity study of the ethanol extract from *Lonicera japonica* Thunb. *Journal of Ethnopharmacology* 107:370-373.
72. **S. Thanabhorn**, K. Jaijoy, S. Thamaree, K. Ingkaninan and A. Panthong (2006). Acute and subacute toxicity study of the ethanol extract from the fruits of *Terminalia bellerica*. *Mahidol University Journal of Pharmaceutical Science* 33(1-4):23-30.

73. **S. Thanabhorn**, K. Jaijoy, S. Thamaree, K. Ingkaninan and A. Panthong (2005). Acute and subacute toxicity study of the ethanol extract from the rhizomes of *Cyperus rotundus* Linn. *Mahidol University Journal of Pharmaceutical Science* 32(1-2):15-22.
74. **S. Thanabhorn**, K. Jaijoy, S. Thamaree, K. Ingkaninan and A. Panthong (2005). Acute and subacute toxicity study of the ethanol extract from *Alternanthera philoxeroides* Griseb. *Mahidol University Journal of Pharmaceutical Science* 32(1-2):4-14.