

Curriculum Vitae

Name: Chananya Chuaysrinule
Position: Researcher Practitioner
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EDUCATION

2020	M.Sc. (Food Science) Kasetsart University
2009	B.Sc. (Fisheries) Kasetsart University

TRAINING

2014	Regional Training on: Prevention and Control of Mycotoxins in Food and Feedstuff, Vietnam Nation University of Agriculture, Hanoi Vietnam, 25-30 September 2014
2016	Training Course on: Food Metabolism, Faculty of Agro-Industry, Kasetsart University, 12-16 September 2016

PROFESSIONAL EXPERIENCE

2020 – present	Scientific Equipment and Research Division, Kasetsart University
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AREA OF EXPERTISE

- Mycotoxin : Mycotoxin extraction and Analysis
- Mycotoxin-producing fungi in food
- Food safety

As Head of Project

2023	The improvement of utilization from pigmented rice for health food: Risk assessment and stable bioactive compounds production
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As Co-Researcher

2022	Development of QuEChERS sample preparation for the determination of mycotoxin in medicinal herbs by HPLC and health risk assessment of mycotoxin via consumption of medicinal herbs
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PUBLICATION

1. Maneeboon T, S. Sangchote, R. Hongprayoon, **C. Chuaysrinule** and W. Mahakarnchanakul. 2023. Modeling the Thermal Inactivation of Ascospores from Heat-Resistant Molds in Pineapple Juice and Evaluating Disinfection Efficiency of Sodium Hypochlorite and Chlorine Dioxide. *Beverages*. 9(4):96.
2. Maneeboon, T., S. Sangchote, R. Hongprayoon, **C. Chuaysrinule** and W. Mahakarnchanakul. 2023. Occurrence of Heat-Resistant Mold Ascospores in Pineapple and Sugarcane Field Soils in Thailand. *International Journal of Microbiology*. 2023, 8347560.
3. Maneeboon, T., **C. Chuaysrinule** and W. Mahakarnchanakul. 2023. Optimization and Validation of Dispersive Liquid–Liquid Microextraction for Simultaneous Determination of Aflatoxins B1, B2, G1, and G2 in Senna Leaves and Pods Using HPLC-FLD with Pre-Column Derivatization. *Toxins*. 15, 277.
4. **Chuaysrinule, C.**, T. Maneeboon and W. Mahakarnchanakul. 2023. Mutual effects on mycotoxin production during co-culture of ochratoxigenic and aflatoxigenic *Aspergillus* strains. *Mycotoxin Research*. 39, 57–66.
5. Joshi, P.; **C. Chauysrinule**, W. Mahakarnchanakul and T. Maneeboon. 2022. Multi-Mycotoxin Contamination, Mold Incidence and Risk Assessment of Aflatoxin in Maize Kernels Originating from Nepal. *Microbiology Research*. 2022, 13, 258-277.
6. Dwipa, R.P.U., T. Maneeboon, **C. Chuaysrinule**, and W. Mahakarnchanakul. 2022. Interactive Inhibition of Aflatoxigenic *Aspergillus flavus* and Ochratoxigenic *Aspergillus carbonarius* by *Aspergillus oryzae* under Fluctuating Temperatures. *Microbiology Research*. 13 (1): 114-127.
7. **Chuaysrinule, C.**, T. Maneeboon, C. Roopkham, W. Mahakarnchanakul. 2020. Occurrence of aflatoxin- and ochratoxin A-producing *Aspergillus* species in Thai dried chilli. *Journal of Agriculture and Food Research*. 2: 100054
8. **Chuaysrinule, C.**, W. Mahakarnchanakul and T. Maneeboon. 2020. Comparative study on the effect of temperature and water activity on *Aspergillus flavus* and *Aspergillus carbonarius* isolates growth and mycotoxin production on a chili powder medium. *Cogent Food and Agriculture*. 6: 1782097

9. Nampeung, A., T. Maneeboon, C. Roopkham, **C. Chuaysrinule** and W. Mahakarnchanakul. 2014. Fumonisin and T-2 toxin production of *Fusarium* spp. isolated from complete feed and individual agricultural commodities used in shrimp farming. *Mycotoxin Research* 30 (1): 9-16.

CONFERENCE PRESENTATIONS

1. **Chuaysrinule, C.**, C. Roopkham, W. Mahakarnchanakul and T. Maneeboon. 2023. Fungal contamination of pigmented rice grains: identification and presence of potentially citrinin-producing species. p 170. In the 5th International Conference of Mycotoxicology and Food Security, 2023 (ICM 2023) "Global mycotoxins challenges in 2023" 6-7 September 2023, Bangkok, Thailand.
2. Maneeboon,T., **C. Chuaysrinule** and W. Mahakarnchanakul. 2023. Mycological analysis and incidence of aflatoxin and ochratoxin A-producing fungi in selected medicinal herbs. p 169. In the 5th International Conference of Mycotoxicology and Food Security, 2023 (ICM 2023) "Global mycotoxins challenges in 2023" 6-7 September 2023, Bangkok, Thailand
3. **Chananya Chuaysrinule**, Chanram Roopkham, Krittaya Petchpoung and Thanapoom Maneeboon. 2022. Aflatoxin B1 degradation by a newly isolated endophytic fungus *Aspergillus aculeatus*, International Symposium of Mycotoxicology 2022 & International Conference of Mycotoxicology and Food Security 2022 (ISMYCO 2022 & ICM 2022), 6 - 9 September 2022, Thailand
4. **Chananya Chuaysrinule**, Warapa Mahakarnchanakul and Thanapoom Maneeboon. 2022. Optimization of a modified QuEChERS method for simultaneous analysis of AFB1, AFB2, AFG1, AFG2 and OTA in senna leaf powder by HPLC-FLD, International Symposium of Mycotoxicology 2022 & International Conference of Mycotoxicology and Food Security 2022 (ISMYCO 2022 & ICM 2022), 6 - 9 September 2022, Thailand
5. **Chananya Chuaysrinule**, Siriwan Soiklom, Krittaya Petchpoung, Warapa Mahakarnchanakul, Khamjut Ruenreungdee and Thanapoom Maneeboon. 2014. Detection of aflatoxins producing *Aspergillus* spp. from fish meal, soybean meal and shrimp feed in Thailand. p 901. *In The 10th International Mycological Congress*. 3-8 August 2014. Bangkok, Thailand.

6. **Chananya Chuaysrinule**, Warapa Mahakarnchanakul and Thanapoom Maneeboon. 2017. Occurrence of Aflatoxin and Ochratoxin A Producing Fungi in Chili of Thailand. *In* The 5th IUMS Outreach Programme: Advances in Food Safety and Mycotoxins, 19-20 January, 2017, Yogyakarta, Indonesia
7. **Chananya Chuaysrinule**, Warapa Mahakarnchanakul and Thanapoom Maneeboon. 2020. Influence of temperature and water activity on growth and production of aflatoxin B1 by *Aspergillus flavus* and ochratoxin A by *A. carbonarius* isolated from dried chili, p. 94. *In* The 6th International Union of Microbiological Societies (IUMS) Outreach Programme on Food Safety and Microbial Toxins, 20-21 February 2020. Universitas Gadjah Mada, Yogyakarta, Indonesia.
8. Warapa Mahakarnchanakul, Retty Putri Utami Dwipa, **Chananya Chuaysrinule** and Thanapoom Maneeboon. 2020. Mycotoxigenic fungi and mycotoxins in selected cereals in Thailand and their exposure assessment, p. 39. *In* The 6th International Union of Microbiological Societies (IUMS) Outreach Programme on Food Safety and Microbial Toxins, 20-21 February 2020. Universitas Gadjah Mada, Yogyakarta, Indonesia
9. Retty Putri Utami Dwipa, Thanapoom Maneeboon, **Chananya Chuaysrinule** and Warapa Mahakarnchanakul. 2020. Competition of toxigenic isolates of *Aspergillus flavus* and *Aspergillus carbonarius* under shifting temperature, p. 90. *In* The 6th International Union of Microbiological Societies (IUMS) Outreach Programme on Food Safety and Microbial Toxins, 20-21 February 2020. Universitas Gadjah Mada, Yogyakarta, Indonesia
10. Thanapoom Maneeboon, **Chananya Chuaysrinule**, Retty Putri Utami Dwipa and Warapa Mahakarnchanakul. 2020. Mycobiota and Mycotoxins contamination in sesame seeds, lotus seeds and Job's tears seeds from Thailand, p 119. *In* WMFmeetsASIA – the 12th Conference of the World Mycotoxin Forum, 13-15 January 2020. Bangkok, Thailand.
11. Parawee Pukkasorn, Wannasawat Ratphitagsanti, Vichai Haruthaithanasan, Thanapoom Maneeboon and **Chananya Chuaysrinule**. 2016. Consumer Survey on Aflatoxin Contaminated Peanut and Ultra Superheated Steam Technology Usage. *In* The 18th Food Innovation Asia Conference 2016 (FIAC 2016)

12. Sudarut Kaokaeng, Warapa Mahakarnchanakul, Thanapoom Maneeboon and **Chananya Chuaysrinule**. 2014. The Optimized Condition of Ochratoxin A Production for Reference Material Production, p 87. *In The the 2nd AFSA Conference on Food Safety and Security*. 15 – 18 August 2014. Bien Hoa City, Vietnam
13. Thanapoom Maneeboon, **Chananya Chuaysrinule**, Nampeung Anukul, Panrapee Iamtaweejaloen and Warapa Mahakarnchanakul. 2014. Isolation of *Aspergillus Section Flavi* form Rice in Thailand and their Aflatoxins Producing Ability, p 900. *In The 10th International Mycological Congress*. 3-8 August 2014. Bangkok, Thailand.
14. Thanapoom Maneeboon, **Chananya Chuaysrinule**, Nampeung Anukul, Chanram Roopkham and Warapa Mahakarnchanakul. 2013. A preliminary investigation on the presence of zearalenone producing *Fusarium* from corn in Thailand. p72. *In The International Conference on Mycological Aspects for Food and Feed Safety*, 27-28 June 2013. Yogyakarta, Indonesia.
15. Kooprasertying, P., T. Maneeboon, **C. Chuaysrinule**, K. Insawake, R. Hongprayoon and W. Mahakarnchanakul. 2013. In-house Immuno Affinity Column Development for Aflatoxin B1 Detection. p 64. *In The International Conference on Mycological Aspects for Food and Feed Safety*, 27-28 June 2013. Yogyakarta, Indonesia.