

Comprehensive Report on Attending the Canadian Food Engineering Conference - 2026

Comparative Evaluation of Antioxidant Activity and Catechin Profile of Oolong Tea from Different Geographical Origins

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1. Introduction

The Canadian Food Engineering Conference (CFEC), held in University of Guelph ON, Canada, from 14 to 15 May, 2026 served as one of the most prestigious global platforms for food safety professionals, researchers, industry decision-makers, and regulatory authorities. The conference focused on strengthening international food safety systems, implementing advanced analytical technologies, and promoting knowledge exchange between nations. Participation in this event provided invaluable exposure to global trends, innovative solutions, and multidisciplinary discussions shaping the future of food safety.

2. Purpose of Attendance

My primary objectives in attending CFEC 2026 were to present my PhD research as an invited speaker and enhance my international academic profile. I aimed to gain deeper insights into emerging technologies in food analysis, risk assessment, and evolving global regulatory frameworks that are shaping modern food safety systems. The conference also provided a valuable platform to network with internationally recognized experts and explore opportunities for future research collaborations and academic exchanges. Furthermore, attending the event broadened my understanding of current food safety challenges from scientific, industrial, and regulatory perspectives. Importantly, as the sole representative from Taiwan and National Pingtung University of Science and Technology, I sought to showcase the strength of Taiwanese research in food safety and contribute actively to international scientific discussions.

3. Detailed Academic Contributions and Learning Outcomes of CFEC'2026

3.1. Oral Presentation as a Speaker

My primary objectives in attending CFEC 2026 were to present my research findings through a 15-minute oral presentation and enhance my international academic visibility. Through this presentation, I had the opportunity to share my research outcomes with researchers, scientists, and industry experts from different countries, while also receiving valuable feedback and suggestions for future work. I also aimed to gain deeper insights into emerging technologies in food analysis, food safety risk assessment, and evolving global regulatory frameworks that are shaping modern food safety systems. The conference provided an excellent platform to learn about recent scientific advancements and current challenges faced by the food industry and regulatory authorities worldwide. In addition, attending CFEC 2026 enabled me to network with internationally recognized researchers and explore opportunities for future research collaborations, academic exchanges, and interdisciplinary projects. The event further broadened my understanding of food safety issues from scientific, industrial, and regulatory perspectives. Importantly, as a representative of Taiwan and National Pingtung University of Science and Technology, I was honored to showcase the quality and impact of Taiwanese research in food safety and contribute to international scientific discussions through my oral presentation and abstract presentation at the conference.

3.2. Representation of Taiwan

Attending the Canadian Food Engineering Conference (CFEC 2026) significantly contributed to my academic and professional development by enhancing my research presentation skills, scientific knowledge, and international exposure. During the conference, I delivered a 15-minute oral presentation titled “Comparative Evaluation of Antioxidant Activity and Catechin Profile of Oolong Tea from Different Geographical Origins” in Scientific Session I under the theme “Food Chemistry and Nutrition.” This experience strengthened my confidence in presenting research findings before an international scientific audience and improved my ability to communicate complex research outcomes effectively.

Participation in keynote lectures, scientific sessions, workshops, and panel discussions broadened my understanding of recent advancements in food engineering, food safety, artificial intelligence applications in food systems, sustainable packaging technologies, and food waste valorization. The conference exposed me to innovative methodologies and emerging research trends that are highly relevant to my PhD research and future academic career.

The conference also provided valuable networking opportunities with internationally recognized researchers, scientists, industry professionals, and regulatory experts from different countries. These interactions helped me exchange research ideas, receive constructive feedback on my work, and explore possibilities for future collaborations and academic partnerships. In addition, exposure to multidisciplinary research presentations enhanced my critical thinking, broadened my scientific perspective, and motivated me to pursue more impactful and globally relevant research in food chemistry and food safety.

Furthermore, representing Taiwan and National Pingtung University of Science and Technology at an international conference strengthened my sense of academic responsibility and allowed me to showcase the quality of Taiwanese research on a global platform. Overall, participation in CFEC 2026 was highly beneficial for my professional growth, research development, and future academic aspirations.

4. Networking and International Collaborative Opportunities

CFEC 2026 provided an excellent platform to interact with internationally recognized researchers, scientists, industry professionals, and academicians working in diverse areas of food engineering and food safety. Through scientific sessions, keynote lectures, workshops, and panel discussions, I was able to exchange research ideas, discuss current challenges in food systems, and gain valuable feedback on my research work. The conference also created opportunities to build professional connections with experts from different countries, which may support future collaborative research projects, academic exchanges, and interdisciplinary studies. Interacting with researchers working in areas such as food processing, AI applications in food systems, sustainable packaging, and food safety broadened my research perspective and enhanced my understanding of emerging global trends in food science and engineering.

In addition, representing Taiwan and National Pingtung University of Science and Technology at an international conference helped strengthen academic visibility and encouraged meaningful scientific discussions with participants from academia, industry, and regulatory sectors worldwide.

5. Practical Knowledge and Industrial Applications

Participation in CFEC 2026 enhanced my knowledge and research exposure in the field of food science and engineering. Through keynote lectures, scientific sessions, workshops, and panel discussions, I gained insights into recent advancements in food processing, food safety, sustainable packaging, artificial intelligence applications in food systems, and food waste valorization. These sessions improved my understanding of current research trends, industrial challenges, and global developments in modern food systems.

The conference also exposed me to innovative research methodologies and multidisciplinary approaches relevant to my PhD work. In addition, presenting my research at an international platform helped improve my scientific communication skills and allowed me to receive valuable feedback from researchers and professionals. Overall, CFEC 2026 provided a meaningful learning experience that strengthened my academic knowledge and research perspective.

6. Acknowledgment

I express my heartfelt gratitude to my supervisor, Prof. Ho-Hsien Chen, for their continuous support, guidance, and encouragement. I also thank NPUST for facilitating and supporting my

participation in this prestigious global event. Their mentorship and institutional support have been instrumental in shaping my academic journey

Highlights







