



FOOD FRAUD UNMASKED

Symposium for students and early career stage scientists

13th and 14th of June 2024

University College Dublin, Ireland

The Red Room, UCD Students Centre*, Belfield Campus



Day 1: 13th June 2024

Time	Topic	Speaker
12.00	REGISTRATION AND SANDWICH LUNCH	
13.00	Welcome address	Prof. Eileen Gibney, Institute of Food and Health, University College Dublin, Ireland
13.10	Session 1: Food fraud vulnerabilities in food supply chains and management systems	Chair: Prof Alan Reilly, University College Dublin, Ireland
13.10	<i>Keynote lecture: Food fraud – Scientific developments in the past decade</i>	Prof. Saskia van Ruth, University College Dublin, Ireland
13.40	Food fraud in the food supply chain in Nigeria	Blessing Okonji, University of Central Lancashire Preston, Lancashire, UK
14.00	Food fraud vulnerability assessment of the honey supply chain	Argyro Tsfara, University College Dublin, Ireland
14.20	Intelligent food assurance systems: Rapid responses to food inauthenticity	Jiaqi Zhou, Queen’s University Belfast, UK
14.40	Sowing an integrity-centric digital ecosystem in the Dutch broiler supply chain: Defining credibility of quality and traceability systems	Clio Cudoni, Wageningen University, the Netherlands
15.00	Concluding remarks and close of session	Chair: Prof. Alan Reilly, University College Dublin, Ireland
15.10	TEA, COFFEE AND BROWSE POSTERS	
15.40	Session 2: Food fraud detection methodologies I	Chair: Dr Di Wu, Queen’s University Belfast
15.40	<i>Keynote lecture: Food fraud detection methodologies – current developments</i>	Dr Di Wu, Queen’s University Belfast
16.10	Maple syrup adulteration: Utilizing fluorescence fingerprints and machine learning for enhanced detection	Maleeka Singh, University of Guelph, Canada
16.30	A comparative analysis of phenotype and DNA-based approaches for olive variety identification	Carla Teixeira, University of Santiago de Compostela, Portugal
16.50	The sound of coffee	Annabella van Ruth, Wageningen University, the Netherlands
17.10	Verifying pine nuts authenticity through sesquiterpene fingerprints	Berta Torres Cobes, University of Barcelona, Spain
17.30	Concluding remarks and close of session	Chair: Dr Di Wu, Queen’s University Belfast
17.45	EATING TOGETHER: BUS TO SYMPOSIUM DINNER	

*UCD Students Centre: see [map](#)

PROGRAMME



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Day 2: 14th June 2024

Time	Topic	Speaker
8.30	Session 3: Food fraud, regulations and alternative controls	Chair: Dr Fiona Lalor, University College Dublin, Ireland
8.30	<i>Keynote lecture: Food fraud from the industry perspective</i>	Brian Hyland, Dawn Meats, Ireland
9.00	The classification, detection and control of the nine sins of tea fraud	Yicong Li, Queen's University Belfast, UK
9.20	Drivers and barriers to QR code implementation in the olive oil supply chain	Pengfei Li, Wageningen University, the Netherlands
9.40	Regulatory regime and food fraud vulnerability: Impact of Brexit	Theekshani Kolamunna, University College Dublin, Ireland
10.00	An investigation into the impact of Brexit on consumer perception of trust in the food industry	Babatope Omoniyi, University College Dublin, Ireland
10.20	Concluding remarks and close of session	Chair: Dr Fiona Lalor, University College Dublin, Ireland
10.30	<i>TEA, COFFEE AND BROWSE POSTERS</i>	
11.00	Session 4: Food fraud detection methodologies II	Chair: Prof Saskia van Ruth, University College Dublin, Ireland
11.00	Scientific approaches to soy sauce authenticity: Past efforts and future prospects	Chaofan Ji, Dalian Polytechnic University, China
11.20	Authentication of the dietary background and geographical origin of Irish grass-fed beef using fatty acids profiling approach	Sherif Shaheen, University College Dublin, Ireland
11.40	Seafood mislabelling: Histology and infrared spectroscopy as effective and reliable inspection tools	Riccardo Provera, Istituto Zooprofilattico Sperimentale, Italy
12.00	Interpreting the impact of particle size on the compositional variations of ginger powder by volatilomics and metabolomics approach	Qing Han, Wageningen University, the Netherlands
12.20	Concluding remarks, prizes and close of symposium	Dr Fiona Lalor, University College Dublin, Ireland
12.45	<i>SANDWICH LUNCH</i>	
13.30	<i>End of symposium</i>	

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