

# ICFA 2018

The 2<sup>nd</sup> International Conference on Food Analysis  
Incorporating:

- The 26<sup>th</sup> Conference of Residue Chemists (CRC)
- The 14<sup>th</sup> Government Food Analysts' Conference (GFAC)
- The 7<sup>th</sup> Analytical Conference of the Asia Pacific Food Analysis Network (AC)
- The 3<sup>rd</sup> Australian Food Metrology Symposium (AFMS)

*'Where Food Analysis Meets Industry and Regulation'*

Held at The Treacy Centre, 126 The Avenue, Parkville, Melbourne, Australia

**Monday the 19<sup>th</sup> of November**

Registrations are available from 5:00PM

**Social Mixer  
6:00PM – 8:00PM  
Music by Soul Chic**

**Delegates are invited to attend a social mixer at the conference venue.  
Light refreshments including beverages and canapes will be provided.**

## Tuesday 20<sup>th</sup> November

*Registration available from 8:00am*

9:00 – 9:30	<b>Conference Opening with Welcome to Country</b> <b>Invited Speaker:</b> Dr. Simone Richter, Group Executive Nuclear Science & Technology, and Landmark Infrastructure at the Australian Nuclear Science and Technology Organisation (ANSTO)	
<b>Session 1: Recent events in Biological Analysis – Chaired by Dean Clarke</b>		
9:30 – 9:50	<b>Prof. Ben Howden (Melbourne Diagnostics Unit, Australia)</b>	Emerging and persistent foodborne pathogens
9:50-10:20	<b>Dr. Leesa Bruggink (VIDRL – The Peter Doherty Institute for infection and Immunity, Australia)</b>	Detection of norovirus and the investigation of foodborne outbreaks
<b>Morning Tea: 10:20-11:00am</b>		
<b>Session 2: Residues in Food</b> <i>Hosted by: Perkin Elmer</i>		
11:00-11:30	<b>Dr. Michelangelo Anastassiades (EURL-SRM, Germany)</b>	Investigating the boundaries of QuEChERS
11:30-11:50	<b>Kevin Melksham (QLD Health Forensic and Scientific Services, Australia)</b>	Pyrrrolizidine alkaloids in honey
11:50-12:10	<b>Maresa Heath (Agriculture Victoria – Department of Economic Development, Jobs, Transport and Resources, Australia)</b>	Produce monitoring in Victoria – the purpose and role in regulation
12:10-12:30	<b>Bruce Chen (Symbio Laboratories, Australia)</b>	Multi pesticide residue analysis for Australian fresh produce by high resolution LC/MS and positive detection statistics in recent years <b>and</b> Multi PFAS residue analysis by high resolution LC/MS
<b>Lunch: 12:30-13:30pm</b>		
<b>Session 3: Food Allergens</b> <i>Hosted by: Key Diagnostics</i>		
13:30-14:00	<b>Prof. Andreas Lopata (James Cook University, Australia)</b>	Fish and shellfish allergy
14:00-14:20	<b>A/Prof. Cenk Suphioglu (Deakin University, Australia)</b>	Cracking the egg: immunological and molecular analysis of egg allergens
14:20-14:40	<b>Dr. Michelle Colgrave (CSIRO, Australia)</b>	Measuring gluten – necessity is the mother of invention
14:40-15:00	<b>Dr. Jennifer Koplin (Murdoch Children's Research Institute, Australia)</b>	Peanut and tree nut allergy in Australia
<b>Afternoon Tea: 15:00-15:30pm</b>		
<b>Session 4: Proficiency Testing Studies by the National Measurement Institute</b>		
15:30-15:50	<b>Paul Armishaw (National Measurement Institute, Australia)</b>	
15:50-16:10	<b>Raluca Lavetz (National Measurement Institute, Australia)</b>	
16:10-16:30	<b>Luminita Antin (National Measurement Institute, Australia)</b>	
<b>Session 5: Food Analysis Activities in the Asia Pacific Region</b> <i>Introduction by Stewart Jones, Coordinator of the Asia Pacific Food Analysis Network</i>		
16:40-17:00	<b>Assoc. Prof. Kunchit Judprasong (Mahidol University, Thailand)</b>	Analytical performance of laboratories in Asia Pacific Food Analysis Network (APFAN)
17:00-17:20	<b>Prof. Prapasri Puwastien (Mahidol University, Thailand)</b>	Improving proficiency testing programmes: lesson learned by PT provider
17:20-17:40	<b>Dr. Hasnah Haron (National University of Malaysia, Malaysia)</b>	Chemical compositions of Kelulut honey: a comparison of different locations in Malaysia

<b>Wednesday 21<sup>st</sup> November</b>		
<b>Session 6: Persistent Organic Pollutants – Chaired by Gavin Rose</b>		
8:00-8:30	<b>Dr. Matt Taylor (NSW Dept. of Primary Industries, Australia)</b>	Impacts of PFAS contamination on exploited estuarine species: an emerging picture of an emerging contaminant
8:30-9:00	<b>Dr. Åsa Jamting (National Measurement Institute, Australia)</b>	Potential emerging challenges for the food analyst: from micro plastics to nanoparticles
9:00-9:20	<b>Dr. Michael Archer (AECOM, Australia)</b>	PFAS distribution and elimination in chicken eggs
9:20-9:40	<b>Dr. Robert Symons (Eurofins, Australia)</b>	Analysing food for PFAS using QuEChERS & LC-MS/MS
9:40-10:00	<b>Gavin Stevenson (National Measurement Institute, Australia)</b>	Persistent Organic Pollutants profiles in foods and biota
<b>Morning Tea: 10:00-10:30am</b>		
<b>Session 7: Honey</b>		
<i>Hosted By: Novachem</i>		
10:30-11:00	<b>Dr. Peter Brooks (University of the Sunshine Coast, Australia)</b>	Some bioactivity properties of honey
11:00-11:20	<b>Jodie Goldsworthy (Beechworth Honey, Australia)</b>	Honey from a global industry perspective
11:20-11:40	<b>Dr. Claire McDonald (Ministry of Primary Industries, New Zealand)</b>	Authenticating Manuka honey from New Zealand
11:40-12:00	<b>Kenneth Dods (ChemCentre, Australia)</b>	Creating an industry standard for production of jarrah and marri honey.
<b>Lunch: 12:00-13:00pm</b>		
<b>Session 8a: Nutrition – Chair: Peter Watkins</b>		<b>Session 8b: Hemp and Residues – Chair: Vince Murone</b>
13:00-13:30	<b>TBA</b>	<b>Dr. Michelangelo Anastassiades (EURL-SRM, Germany)</b> Determination of analytes of special interest
13:30-13:40	<b>Glenn Cardwell (Curtin University, Australia)</b> Post-harvest pulsed UV radiation of fresh and dried mushrooms creates a viable source of dietary vitamin D	<b>Tran Tang (DAWR, Australia)</b> The import requirements and testing of imported hemp products
13:40-14:00	<b>Dr. Ujang Tinggi (Queensland Health, Australia)</b> Elemental analysis of honey products sold in Queensland markets and assessment of nutritional significance	<b>Dr. Stuart Gordon (CSIRO, Australia)</b> Industrial hemp crop products and residues; what's what
14:00-14:20	<b>Ellie Dunlop (Curtin University, Australia)</b> Developing an Australian food composition database for vitamin D content in foods	<b>Prof. Rachel Burton (University of Adelaide, Australia)</b> Hemp food as a nutrition powerhouse
<b>Afternoon Tea: 14:20-15:00pm</b>		
<b>Session 9: Food Fraud – Chair: James Roberts</b>		
15:00-15:30	<b>Prof. Samuel Godefroy (University Laval, Canada)</b>	What is food fraud and how is it impacting us
15:30-15:50	<b>Dr. Weeraya Karnpanit (Mahidol University, Thailand)</b>	Food fraud incidents in Thailand: occurrences, detections and actions taken
15:50-16:10	<b>Dr. Debashish Mazumder (ANSTO, Australia)</b>	Towards developing a seafood provenance and quality authentication model in Australia
16:10-16:30	<b>Adrian Rogers (Romer Labs, UK)</b>	Food fraud: the deadly allergen scandal
<b>Conference Dinner: 18:30-23:00pm</b>		
<i>Hosted by: R-Biopharm</i>		
<i>Presentations by: Dr. Jan Herrmann (National Measurement Institute) and Prof. Samuel Godefroy (University Laval)</i>		
<b>RACV Club, Melbourne CBD – 501 Bourke St, Melbourne CBD</b>		

Thursday 22<sup>nd</sup> November

**MALDI Biotyper- Microbial Identification , Validation And Demonstration Of How It's Used Within Clinical, Veterinary Agriculture, Food And Pharmaceutical Industries**

*Hosted by: Bruker*

8:00-8:50	<b>Dr. Daniele Sohier (Bruker, Germany)</b>	Actions speak louder than words: changing microbial identification in clinical and food microbiology with the validated MALDI Biotyper
8:50-9:10	<b>Brett Heron (Queensland Health, Australia)</b>	Public and Environmental Health's use of the MALDI Biotyper for surveillance and outbreak investigations in Queensland
9:10-9:30	<b>Prof. Darren Trott (ACAR Adelaide University Veterinary School, Australia)</b>	Use of the MALDI Biotyper in Veterinary Microbiology and Biosecurity
9:30-10:00	<b>Dr. Thien Tran (Bruker, Australia)</b>	MALDI-TOF demonstration

**Morning Tea: 10:00-10:30am**

**Allergens Workshop**

*Hosted by: R-Biopharm*

10:30 – 10:50	<b>Prof. Andreas Lopata (James Cook University, Australia)</b>	A study on undeclared food allergens in imported food products
10:50-11:10	<b>Dr. Jason Tye-Din (Walter and Eliza Hall Institute of Medical Research, Australia)</b>	Controversies in the gluten-free diet: a medical perspective
11:10-11:30	<b>Kim Rogerson (City of Greater Dandenong Council, Australia)</b>	Importers and non-compliant labelling
11:30-11:50	<b>Dr. Annette Sauer (R-Biopharm, Germany)</b>	Gluten measurement: past, present and future
11:50-12:10	<b>Dr. Martina Koeberl (National Measurement Institute, Australia)</b>	Fish detection ELISA comparison
12:10-12:30	<b>Dr. Roni Nugraha (Bogor University, Indonesia)</b>	Detection and quantification of food allergens using mass spectrometry

**Lunch: 12:30-13:30pm**

**Food Fraud Workshop**

**Chair: Prof. Samuel Godefroy (University Laval, Canada)**

13:30-14:00	<b>Andrew Patterson (Dept. of Agriculture and Water Resources, Australia)</b>	Current issues
14:00-14:20	<b>Lea Heintz (Bruker BioSpin, Germany)</b>	Honey authenticity testing by 1H - NMR
14:20-14:40	<b>Kim Leighton (JAS-ANZ, Australia)</b>	The role of standards and a chain of custody in combating food fraud
14:40-15:00	<b>Cameron Scadding (SourceCertain, Australia)</b>	Food fraud: tools in action

**Panel Discussion:**

Andrew Patterson (DAWR)  
Dr. Debashish Mazumder (ANSTO, Australia)  
Dr. Weeraya Karnpanit (Mahidol University, Thailand)  
Erik Poole (Sydney Fish Market, Australia)  
Adrian Rogers (Romer Labs, UK)  
Prof. Samuel Godefroy (University Laval, Quebec, Canada)  
Dr. Peter Brooks (University of the Sunshine Coast, Australia)  
Cameron Scadding (SourceCertain)

**Close of Conference: 15:30pm**

Closing address by Dr. Bruce Warrington, Australia's Chief Metrologist