

Food Fraud - the Analytical Tools



INTRODUCTION

Chairs: *Sandy Primrose, Food Authenticity Programme Advisor & Lucy Foster, Defra*

- 10:00 - 10:05 Welcome and introduction
Sandy Primrose, *Food Authenticity Programme Advisor*
- 10:05 - 10:20 Food Fraud - an international perspective
John Spink, *Michigan State University*
- 10:20 - 10:35 Food Fraud - a policy perspective
Lindsay Harris, *Department for Environment, Food and Rural Affairs*, and
Will Creswell, *Food Standards Agency*
- 10:35 - 10:50 The UK Food Authenticity Programme
Lucy Foster and **Sophie Rollinson**, *Department for Environment, Food and Rural Affairs*
- 10:50 - 11:20 Coffee break

Delegates are invited to put up challenges and priorities on 'post-its' for discussion in the afternoon Q&A session

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USING CHEMICAL MARKERS

Chairs: *Paul Bereton, Fera and Gerard Downey, TEAGASC*

- 11:20 - 11:40 An overview of analytical approaches to verify country of origin labelling (COOL) claims
Simon Kelly, *University of East Anglia*
- 11:40 - 12:00 Identifying oil species in oil mixtures
Tassos Koidis, *Queen's University Belfast*

USING BIOCHEMICAL MARKERS

Chairs: *Paul Bereton, Fera and Gerard Downey, TEAGASC*

- 12:00 - 12:20 Mass spectrometry and the analysis of food composition and authentication
Paul Fraser, *Royal Holloway University*
- 12:20 - 12:40 A proteomic approach to the detection of offal and added serum in meat products
Ellen Billett, *Nottingham Trent University*
- 12:40 - 13:00 Detection of unlabelled meat in meat products using proteomics and genomics
Adrian Charlton, *The Food and Environment Research Agency*
- 13:00 - 13:40 Lunch
Posters and Networking

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USING DNA MARKERS

Chairs: *Sandy Primrose, Food Authenticity Programme Advisor & Hez Hird, Fera*

- 13:40 - 14:00 Meat speciation analysis - current and emerging approaches
Malcolm Burns, *LGC Group*
- 14:00 - 14:20 Genetic tools for geographic traceability and breed identification of food
Gill Murray-Dickson, *Trace Forensics*
- 14:20 - 14:40 Public Analysts' perspective
Liz Moran, *Association of Public Analysts*

THE FUTURE

Chairs: *Sandy Primrose, Food Authenticity Programme Advisor & Hez Hird, Fera*

- 14:40 - 15:00 European research initiatives on food authenticity
Paul Brereton, *The Food and Environment Research Agency*
- 15:00 - 15:15 Meeting the challenges - future development in the Food Authenticity Programme
Lucy Foster, *Department for Environment, Food and Rural Affairs*
- 15:15 - 16:00 **Panel Q&A session**
An opportunity to explore with stakeholders what they see as the key challenges faced in Food Authenticity and what technical solutions are needed to address them

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Q&A

Panel

UK Government

Lindsay Harris, *Department for Environment, Food and Rural Affairs*
Will Cresswell, *Food Standards Agency*

Enforcement

Liz Moran, *Association of Public Analysts*

Industry

Michele Suman, *Barilla G.R.F.lli SpA*

Europe

Paul Brereton, *The Food and Environment Research Agency*

International

John Spink, *Michigan State University*