



Food and water microbiology: - Rapid confirmation using MALDI-TOF

Wednesday 14 December 2016, SCI, London, UK

Organised by SCI's Environment, Health and Safety Group

Synopsis

The use of MALDI-TOF systems has completely revolutionized the way microbial identification/confirmation is performed. The speed, accuracy, ease of use and cost efficiency are so impressive that significant numbers of clinical laboratories all over the world, have now successfully employed this rapid technique on a routine basis for a number of years for rapid microbial identification/confirmation of clinically relevant microorganisms. However, this simple approach is now also being applied in many routine food and water laboratories. The relevant commercial clinical databases have been found to be fit for purpose and are continually incorporating new species including food and water-related species. The user can also set up a supplementary own personal database to be used in conjunction with the instrument manufacturer database. This event has 10 presentations covering a wide range of topics in relation to various food and water applications related to the use of MALDI TOF technology.

Attendees

The conference is aimed at food and water microbiological technical staff; public health professionals, lab managers; food and water industry personnel responsible for microbiological quality and regulators.

Organising Committee

- ▶ K.Clive Thompson, SCI/ALcontrol Laboratories
- ▶ Erika Tranfield, Bruker

Sponsorship

If you are interested in in sponsorship opportunities, please contact conferences@soci.org

Registration

To register for the event, please visit: www.soci.org/events. Early bird rates end on **Friday 4 November 2016**.

Early-bird rates before 4 November

SCI Members £120
SCI Student Members £40
Non-Members £160

Standard rates from 4 November

SCI Members £145
SCI Student Members £50
Non-Members £195

For further information, visit: www.soci.org/events

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Programme

- 09.30 Registration and refreshments
- 10.00 Opening remarks - K. Clive Thompson
- 10.05 **MALDI Biotyper – Back to the Future!**
Erika Tranfield, Bruker
- 10.35 **A time and a place, current and future applications of MALDI-TOF in a busy food micro lab**
Matteo Capocéfalo & Maria Gemenetzi, ALcontrol Labs
- 11.05 **The use of MALDI-TOF for the identification of isolates from food samples**
Frieda Jorgensen, PHE Colindale
- 11.35 **Rapid Confirmation of Salmonella & Listeria isolates from food testing**
Julie Archer, Roy Betts and Charmaine Mitchell, Campden BRI group
- 12.05 **A can manufacturer's perspective: MALDI changed our lab!**
Bryan Donald, CROWN Technology
- 12.35 Lunch
- 13.30 **The use of MALDI-TOF in the investigation of Bovine Mastitis and milk quality problems associated with poor water quality**
Andrew Bradley, Quality Milk Management Services Ltd
- 14.00 **Another tool in the arsenal - improving the public health response through the use of MALDI-ToF**
Sam Collins, PHE Porton Down
- 14.30 **MALDI-TOF, as clear as water**
Lizbeth Vissers, Aqualab Zuid BV
- 15.00 Refreshments
- 15.30 **Rapid confirmation using the MALDI TOF in Legionella and drinking water microbiology**
Pervinder Johal, ALS
- 16.00 **The Omics pocketknife: Select your fit for purpose tool**
Daniele Sohler, Bruker
- 16.30 Discussion with and further questions to speakers
- 16.50 Close

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