

# Pharmaceutical Impurities Workshop

Thursday, 20 September 2018, Reinach (BL)

## Preminary Agenda

09:30 Arrival and registration

Topic	
09:45	Welcome and introduction
09:55	<b>Pharmaceutical Impurities:</b> Overview on pharmaceutical impurities including what is an impurity, various types of impurities, regulatory guidelines and important points to consider during impurity testing
10:25	<b>Inorganic impurity analysis workflows:</b> Different inorganic impurities, new regulatory guidelines and how to analyze these impurities using ICP-MS will be discussed
10:50	Coffee break
11:15	<b>Organic impurity analysis workflows:</b> Strategies of organic impurity analysis will be shown, followed by as detailed look at various workflows available including LC, charged aerosol detection (CAD) and LC-MS and discussion of pros and cons
11:45	<b>Ion chromatography for pharmaceutical impurities analysis</b>
12:15	<b>Introduction to afternoon practical sessions</b>
12:20	Lunch
13:20	<b>Practical session - Ibuprofen impurity analysis:</b> The group will be split into three with each small group spending 30 minutes at each station. We will investigate impurities of ibuprofen at different stations: LC station with LC and UV, CAD and MS detection, ICP-MS station and IC-MS station.
15:00	<b>Why use reference standards?</b> This presentation will investigate why to use reference standards and the main points to consider.
15:30	<b>Extractables and leachables:</b> Definitions of an extractable and leachable and techniques employed to analyze these
15:45	Summary and wrap- up (End of the event around 16:00)

### Workshop trainers:

- Timothy Cross – EMEA HPLC Regional Marketing Manager, Thermo Fisher Scientific, Hemel Hempstead, UK
- Heiko Herrmann – European Sales Support Expert HPLC, Thermo Fisher Scientific, Dreieich, Germany
- Detlef Jensen – European Sales Support Expert IC, Thermo Fisher Scientific, Dreieich, Germany
- Ioana Konz – Application Specialist TEA and Chromatography, Thermo Fisher Scientific, Reinach
- Kirsty Macintyre – Senior Scientist, CMC Analytical Services, LGC, Fordham, UK
- Alexander Schwahn – European Sales Support Expert Pharma/Biopharma, Thermo Fisher Scientific, Reinach
- Christian Zeine – Global Product Manager Pharma Sector, LGC Standards, Wesel, Germany

### Venue:

Thermo Fisher Scientific (Schweiz) AG, Neuhofstrasse 11, 4153 Reinach

In collaboration with:



Participation is free of charge, but seats are limited.

Please register online at [www.thermofisher.com/pharma-impurities](http://www.thermofisher.com/pharma-impurities).

For questions about this event please email [events.ch@thermofisher.com](mailto:events.ch@thermofisher.com).

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