JPAG
JOINT PHARMACEUTICAL ANALYSIS GROUP

ChromSoc
The Chromatographic Society - founded 1956

The Chromatographic (Analytical) Method Life Cycle: from Cradle to Grave III

18 & 19 May 2026

Royal Society of Chemistry
Burlington House, Piccadilly, London

Presenters include:

Jean-Francois Diereck, GlaxoSmithKline
Nina Trost, Novartis Pharmaceuticals
Sandra Furianetto, University of Firenze
Maire Welham, AstraZeneca
Ilaria Neri, University of Cork

Key themes

The programme includes a full and exciting range of topics and speakers over two days designed to facilitate delegate and exhibitor access to a wide range of highly regarded scientists from industry, regulators and the chromatography industry who will share their knowledge and experience in applying and implementing the principles of AQbD. In combination with the fully integrated exhibition and vendor presentation programme, this symposium will deliver a highly interesting event sharing real experiences with excellent networking opportunities.

The meeting incorporates speakers on the following topics:

- all stages, from method development and robustness using a range of separation techniques, qualification and validation, transfer and continuous performance monitoring.
- Analytical Quality by Design (AQbD) framework for development & lifecycle management
- latest regulatory expectations such as permitted chromatographic method changes according to the main pharmacopoeias.
- key elements of the enhanced approach described in ICH Q2/Q14 including Analytical Target Profile (ATP), Knowledge Management, Analytical Risk Assessment, Performance Monitoring, and how these are integrated into the AQbD framework.
- how to leverage a risk-based approach and balance between the benefits of post-approval flexibility and their resource investments required for implementation.
- strategies to streamline analytical development and simplify lifecycle management.
- environmental sustainability considerations and opportunities.
- aligning and strengthening links between product quality attributes and analytical procedures.
- minimising the risks of future changes and impact on the overall product control strategy.
- predictive modelling & digital tools and how industry needs to further strengthen the mindset and available skills in statistics.

Call for Posters

The meeting is open to poster abstract submissions in line with any chromatographic / analytical / validation topics including case studies from industry or academia. Deadline for abstracts is 30 April 2026. If you wish to present a poster at the meeting, please see details on the JPAG website at www.jpag.org/info

Registration

Registration can be made via QR code or link: https://www.jpag.org/197

Contact:

https://www.linkedin.com/groups/3796797
events@jpag.org

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Day One - 18th May 2026

09:30-10:15	**Coffee and registration**
Session 1: Challenges and Opportunities of ALCM: State of the Nation for Analytical Life Cycle	
10:15-10:25	**Introduction and Welcome** Adrian Clarke (on behalf of ChromSoc & RSC Separation Science Group), Novartis Pharma AG, Basel, Switzerland
10:25-11:05	**ICH Q2 (R2) and Q14: Challenges and Opportunities and Where it May Lead Us** Jean-Francois Diereck, GSK, Belgium
11:05-11:35	**AQbD-Driven Ion Pairing RPLC Method Development for Oligonucleotide Impurity Characterization: A Risk-Based Approach under ICH Q14** Amanda Guiraldelli Mahr, RIC, Belgium
11:35-12:15	**A Platform Approach to Charge Variant Analysis of Monoclonal Antibodies** Sandra Furlanetto, University of Firenze, Italy
12:15-12:30	**TBC: Flash Poster Session or Vendor slot**
12:30-14:00	**Lunch, exhibition and posters**
Session 2: Application of State-of-the-Art Analytical Life Cycle Approaches	
14:00-14:30	**Performance-based Definition of Analytical Platform Using and Enhanced Performance-Based Approaches** Nina Trost, Novartis Pharmaceuticals, Slovenia
14:30-15:00	**Applied AQbD from A to Z – Pragmatic ICH Q14 Case Study Using Capillary Electrophoresis for Virus Quantification** Ewoud van Tricht, Kantisto, The Netherlands
15:00-15:30	**Analytical Method Lifecycle as part of Control Strategy** Maire Welham, AstraZeneca R&D, UK
15:30-16:00	**Coffee, exhibition and posters**
Session 3: Advances in Analytical Life Cycle Technologies and Philosophies	
16:00-16:40	**QbD - a Philosophy not a Template & One For All: a SFC-MS/MS Platform Method for the Analysis of Multiple Nitrosamines in Accordance with the ICH Guidelines** Mijo Stanic and Andreas Zappe, Chromicent, Germany
16:40-17:00	**Advancing Robustness Verification for Validated and Compendial Methods on the Alliance iS HPLC System: Practical Integration of ICH Q14 and Lifecycle Risk Principles** Andrea Gheduzzi, Waters, UK
17:00-17:20	**From Experience-Based HPLC to a Systematic, Controlled Method Lifecycle as part of ICH Q14 with ChromSwordAuto** Arthur Kalimulin, ChromSword, Austria
17:20 -19:00	**Networking Event (Aperitif) & Poster Viewing**

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Day Two – 19th May 2026

09:00-09:30	**Posters and Coffee**
Session 4: Smart Analytical Life Cycle Strategies	
09:30-10:00	**GC Analytical Platform for the Analysis of Residual Solvents - AQbD/Analytical Lifecycle Approaches** Mikael Nilsson, Cambrex, Sweden
10:00-10:20	**Designing Smarter Methods: VUV Detection from Early Insight to Life Cycle Control** Richard Ladd, VUV Analytics / UVision, UK
10:20-10:40	**Software-aided Method Development and Optimisation for SFC Separations** Gesa Schad, Shimadzu European Group, Germany
10:40-11:00	**Strategies for the Prevention of False Positives and False Negatives in Nitrosamine Testing** Nathanael Page, Resolian, UK
11:00-11:30	**Coffee, exhibition and posters**
Session 5: Digital Tools and Approaches in the Analytical Life Cycle	
11:30-12:00	**Separation Quality Factor: A Comprehensive Tool for Ranking, Modelling, and Optimizing Gradient Separations** Szabolcs Fekete, Waters AS, Switzerland
12:00-12:30	**From Instruments to Insight: Analytics in the Digital, Automated Lab** Christian Haas, Agilent, Germany
12:30-13:00	**Autonomous Optimisation of Small-Molecule and Oligonucleotide Separations via Bayesian Machine Learning Algorithms** Matthew Notley & Edward Ahearne, AstraZeneca R&D, UK
13:00-14:30	**Lunch, exhibition and posters (including the Chromatography Society AGM)**
Session 6: Further Advances and Opportunities: Digitalisation, Scientific Practices and Sustainability	
14:30-15:00	**Digitalising the Analytical Method Lifecycle: an Industrial Use Case** Lewis Shipp, QbDVision, UK and Stephanie Toulot, Novartis Pharma AG, Switzerland
15:00-15:30	**Retention Prediction for Green Methods** Ilaria Neri, University of Cork, Ireland
15:30-16:00	**Good Compliance, Good Science? Why We Need to Talk About Good Scientific Practice in ALCM** Wiebke Holkenjans, Bayer AG, Germany
16:00-16:50	**Panel Discussion: The Challenges and Opportunities in ALCM**
16:50-17:00	**Close** Lisa Hinchliffe (on behalf of JPAG), Independent Regulatory CMC Consultant, UK