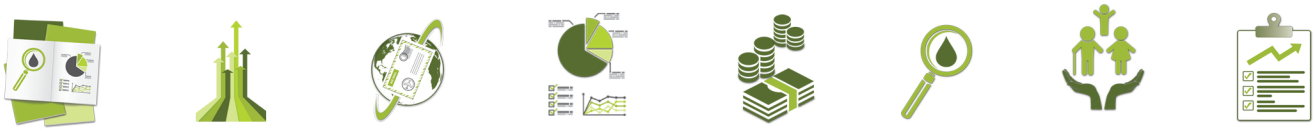
neoteryx®

The promise of microsampling, delivered

the microsampling workshop



This full-day workshop, presented by Dr. Neil Spooner of Spooner Bioanalytical Solutions Ltd, focuses on blood microsampling and examines it's many uses including collection of clinical samples from locations convenient for the patient, reduction in the number of animals used for research, and limiting the amount of blood taken from vulnerable populations.

Tuesday, 28 March | 8:30 - 16:30
Hotel Nikko Düsseldorf Germany

who should attend?

Technicians, clinicians, analysts, managers, and directors working in pharmaceutical, CRO, clinical, healthcare, or regulatory organizations with an interest in or curiosity of pre-clinical and/or clinical utilization of blood microsampling. Workshop is designed for current and potential future users of microsampling collection devices.

what will you learn?

- Gain a broader understanding of what VAMS microsampling is, and how / where the technique can be applied to
- Explore the challenges of implementing microsampling - **and how to overcome them**
- Examine, via case studies, how VAMS microsampling analytically compares to traditional collection methods
- Become aware of Neoteryx microsampling products (current and future) and the support available for evaluation and implementation

cost: €50 includes:	**At Workshop** • Lunch and refreshments • Break-out sessions with microsampling experts to address your specific needs **Post-Workshop** • Access to presentations / case studies • Unlimited phone consultations with microsampling specialist • A Mitra microsampling device to evaluate
registration:	**Registration deadline is Monday, 20 March 2017** Click Here or contact Europe@neoteryx.com and reference "The Microsampling Workshop – Düsseldorf" in the subject line.

seminar agenda	
8:30 - 9	Registration / Welcome
9:10	Introduction to Microsampling | Neil Spooner
10:00	Introduction to Neoteryx Services/Products, Publications / Resources, and Future Plans | James Rudge
10:40	Refreshment Break
11:00	**Case Studies / Question and Answer** • Supporting a paediatric study using wet and dry samples – Analytical considerations | Paul Abu-Rabie • Application of Mitra Microsampling for the quantification of antibiotics: possible use for therapeutic drug monitoring in pediatrics | Giuliana Cangemi • LC-MS/MS analysis of immunosuppressants with the use of Mitra microsampling for out-patient monitoring as alternative for dried blood spot sampling | Remco Koster
12:20	Lunch
13:20	Small Group Break-out Discussions – Challenges of implementing dried blood microsampling and how to overcome them with current and future solutions
14:20	Refreshment Break
15:00	**Case Studies / Questions and Answer** • Determination of the alcohol biomarker Phosphatidylethanol in capillary whole blood collected with the Mitra device | Michael Böttcher • Forensic Applications of VAMS - Heroin, Cocaine, TCH and MDME | Marcel de Puit • Microsampling in a clinical context - VAMS as a case example | Christophe Stove
16:20 - :50	Workshop Wrap-up / End of Workshop

workshop speakers

Neil Spooner, Spooner Bioanalytical Solutions, UK
Neil Spooner is the owner of Spooner Bioanalytical Solutions Ltd., a consultancy company specialising in supporting companies implementing microsampling workflows and innovators of novel microsampling and microanalytical approaches.

Paul Abu-Rabie, GlaxoSmithKline, UK
Paul Abu-Rabie is an Associate Fellow at GlaxoSmithKline R&D (Stevenage, UK), and has recently accepted a position within the Future Analytical & Control Technologies group where he will be continuing his interest in direct MS analysis and analytical innovation. Prior to this Paul spent 14 years in the Bioanalysis group within DMPK at GSK, and worked as a Bio analyst at several CRO's. Paul received a Chemistry degree from the University of Sussex, and a PhD on the topic of direct analysis applied to microsampling techniques. Areas of interest include analytical innovation and new technology, automation, direct analysis, and microsampling.

Giuliana Cangemi, Gaslini Children's Hospital, Italy
Giuliana heads the chromatography and mass spectrometry section of the Gaslini Children's Hospital in Genova since 2005. She has developed and validated multiple therapeutic drug monitoring assays, focusing on various microsampling techniques. She has published over 40 peer-reviewed papers and has refereed for a range of scientific journals, amongst which Bioanalysis. Giuliana holds a degree in Biological Sciences and a Ph.D. in Biochemistry from the University of Genova

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Remco Koster, University Medical Center Groningen, Netherlands
Dr. Remco Koster works as a research coordinator at the University Medical Center Groningen, The Netherlands. He has been working in the field of bioanalysis for over 15 years, where he has developed numerous analytical methods using LC–MS/MS. His research focuses on the development and validation of high-speed extraction and analysis methods for drugs and drugs of abuse in matrices like blood, plasma, hair, saliva and dried blood spots. In 2015 he obtained his PhD on the subject "The influence of the sample matrix on LC-MS/MS method development and analytical performance". In his work as a research coordinator he is a coach for students and colleagues who perform research in the Clinical Pharmaceutical and Toxicological Laboratory of the University Medical Center Groningen. He is a (co-)author of more than 22 publications. He has been actively involved in the field of dried blood spot research since 2012 and is currently investigating the alternative Mitra/Neoteryx microsampling technique for the analysis of immunosuppressants.

workshop speakers (continued)

Michael Böttcher, MVZ Labor Dessau GmbH
Michael Böttcher received his diploma in zoophysiology and biochemistry at the Zoological Institute at University of Hamburg in 1987. He earned his PhD degree in 2004 at University Duisburg/Essen for lymphocyte micro-chimerism studies after liver transplantation using flow cytometry. Since 1988 he is working in private labs in the field of chromatography with special focus on drugs of abuse. Michael Böttcher is the head of toxicology department of MVZ Labor Dessau GmbH (Limbach Gruppe) which is one of the biggest drug testing labs today in Germany. The department is working in all kinds of drug and alcohol testing eg.: employee and pre-employment screening, clinical drug screening, intoxications, therapeutic drug monitoring etc. They are also performing confirmation and specialized analysis in different body fluids and hair for other labs and forensic institutes in Germany and Europe and are accredited for forensic drug testing.

Marcel de Puit, Netherlands Forensic Institute
Dr. De Puit is the Research Lead for Fingerprint Research at the Netherlands Forensic Institute (NFI) since 2007. Since 2015 he is also a part-time Associate Professor at the Delft University of Technology (TUDelft). He holds a BSc in Organic Synthesis (Utrecht, the Netherlands) and subsequently performed PhD studies in under supervision prof. P.J. Kocienski at the University of Glasgow (Scotland, UK). His research interest range from the development of new visualisation reagents to the chemical analysis of fingerprints and he is a founder and board member of the European Division of The International Association for Identification.

Christophe Stove, Ghent University
Since Feb 2014 I have taken up a tenure-track position as assistant-professor in Toxicology at the Laboratory of Toxicology at the Faculty of Pharmacy, Ghent University, Belgium. One of my current research focuses -with different research lines running- is the development of alternative strategies for the GC-MS and LC-MS/MS-based measurement of endogenous molecules and drugs (of abuse) in biological matrices, with particular interest for the use of microsampling and dried blood spots for therapeutic drug monitoring and for toxicology purposes.

James Rudge, Neoteryx, UK
James Rudge serves as Global Microsampling Specialist at Neoteryx LLC. Prior to joining Neoteryx, Dr. Rudge worked for Phenomenex for 14 years and is a co-inventor of the Mitra Microsampling Device and the Volumetric Absorptive Microsampling (VAMS) technology. During his 14 years at Phenomenex, Dr. Rudge held a number of roles including Key Account Manager, Field Service Specialist and latterly European Business Development manager for clinical research. These roles allowed him to collaborate with customers on a wide range of projects regularly working in customer laboratories (globally). Dr. Rudge graduated from the University Wales, Swansea with a BSc. (Hons) IIi in Biochemistry and a Ph.D. in Organic Chemistry where he worked on novel chemiluminescent probes for immunoassays.

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http://blog.neoteryx.com/home/resources

The Microsampling Workshop is presented by Dr. Neil Spooner of Spooner Bioanalytical Solutions Ltd (SBS) and hosted by Neoteryx. SBS has world class expertise in the development and implementation of technologies and workflows associated with the utilization of microsampling, enabling the delivery of these benefits to users and developers of these technologies. Neoteryx is focused on delivering simple, quantitative, and automatable microsampling solutions for biological sample collection which improve welfare, reduce costs, and enable convenient sample collection anywhere, anytime, by anyone. The Mitra Microsampler class I medical device is for direct specimen collection of blood and other biological fluids. It is not specific to any clinical test, and is not for use in diagnostic procedures. Use of the Mitra Microsampler in Laboratory Developed Tests (LDTs) requires further processing including the establishment of performance characteristics and successful validation by the laboratory in a manner consistent with CLIA requirements. Limit one evaluation device per attendee. Evaluation device subject to availability.