

## KNAUER Webinars in 2011

	<b>When</b> CET/CEST 11:00 am to 12:00 pm	<b>Who</b> Title/Content
<b>KNAUER Webinar BIO</b>	14.01.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> Part 3: Go systematically BIO: Bioline system! <i>Planning, installing and performing with a Knauer Bioline system - basic webinar</i> This part of the BIO webinars gives a detailed introduction how a Bioline system is composed and what people can expect when they buy it. The Bioline system offers an interesting price and performance relationship. Technically it offers more features than known from any other competitor Bio-system currently on the market. Automatisation is possible almost everywhere...
<b>KNAUER Webinar</b>	21.01.2011	<b>SPA/Dr. Silvia Marten</b> It's time to convert: HPLC to UHPLC with the KNAUER Method Converter! <i>Reducing the particle size, shortening the column length, and increasing the linear velocity of the mobile phase are requirements for successful method transfer from traditional HPLC to UHPLC. The availability of HPLC columns with very small particles (&lt; 2 µm) in combination with UHPLC systems opens the new possibilities.</i> The method transfer can be easily realized by using the KNAUER UHPLC Method Converter software to increase the separation speed and find suitable UHPLC method parameters. With this seminar we will share the experiences in HPLC-to-UHPLC method transfer to improve productivity. It is a practical guideline on scaling down separations by taking into account particle size, column ID, and column length.
<b>KNAUER Webinar</b>	25.02.2011	<b>KAM/Dr. Matthias Lübbert</b> Purely efficient: Purification processes with SMB! <i>Content of this Webinar is the comparison between batch and continuous chromatography. There will be shown the benefits and the application fields of SMB technology. Also KNAUER reference customers will be named.</i>
<b>KNAUER Webinar BIO</b>	11.03.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> Part 4: It's crystal clear with Bioline HR glass columns! <i>Installing, filling and de-installing, maintenance of Bioline columns</i> This webinar shows in its first part exactly the steps of how to assemble, install and run a Bioline HR glass column. The second part will deal with de-installation, cleaning and maintenance. Finally we will have a closer look what the benefits of these columns are compared to other columns being on the market in terms of filling time, operation and handling. Be surprised that a column is not just a column!
<b>KNAUER Webinar</b>	18.03.2011	<b>PM/ Dr. Ingo Piotrowski &amp; Matthias Grothe</b> Short of time? Stacked Injections will solve your problem! <i>The purpose of this webinar is to provide the attendees functionality and capabilities of the new software feature "Stacked Injection". Stacked or overlapping injection is the perfect tool for maximizing the purification productivity and can reduce the consumption of the mobile phase by more than half of preparative separations.</i>
<b>KNAUER Webinar BIO</b>	01.04.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> Part 5: Be smart: Use Biofox biochromatography media! <i>Biofox SEC, Ion exchange, HIC and Affinity bio-chromatography material in daily use</i> This webinar will guide you through different application fields. It doesn't matter whether you work with a classical 2- or 3-step separation scheme or you use very efficient and highly selective affinity separation protocols, for instance for tagged proteins. Biofox as the separation media always give you a maximum of performance and security during separation and the Bioline system ensures save fractionation and sample back tracking from µ-scale up to mg and g quantity separations. Basic theory and practical hints about resolution and loadability are provided in this Webinar!
<b>KNAUER Webinar</b>	29.04.2011	<b>SPA/ René Borstel</b> fast, faster, Eurokat H! <i>This presentation demonstrates the performance of different column types for separations of carbohydrates, alcohols and organic acids. With an intelligent choice of parameters modern polymer columns can be optimized for fast separations.</i>

<b>KNAUER Webinar BIO</b>	06.05.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 6: Apply for success: Applications for/with Bioline!</b> <i>Proteins, enzymes, peptides? If it is going about Purification, ask us for Bioline Protein Purification Systems - that will help</i> <i>The main part of this Webinar are detailed purification protocols. At least one example is discussed with all purification results - also intermediate data - to demonstrate beginners in this field and experienced purification professionals what kind of tools Bioline and Biofox can provide to assist you with protein purification. Remarks about cleaning and purification are made as well as a final discussion about analysis techniques used beside biochromatography/LC.</i>
<b>KNAUER Webinar</b>	27.05.2011	<b>KAM/ Dr. Daniel Sturm</b> <b>HPLC, HPLC Plus and UHPLC - KNAUER offers it all!</b> <i>In this Webinar the performance of PLATINblue UHPLC in comparison to HPLC will be shown. In addition there will also be given an introduction of PLATINblue HPLCplus.</i>
<b>KNAUER Webinar BIO</b>	15.07.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 1: Basics in Biochromatography</b> <i>This part shall give an overview what Biochromatography in terms of automated column chromatography is in the lab in our days. On the other hand it has to review some basic theory, glossary as well as application fields in which the technology is presently in use. As a sales expert and/or application specialist in this field, you also need to understand strategies for materials that can be used building the LC system and typical separation media of interest.</i>
<b>KNAUER Webinar BIO</b>	12.08.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 2: The three columns of biobusiness!</b> <i>The Bioline is more than a liquid chromatography machine for separation and purification of biomolecules. It includes three features in one product! Please visit our webinar to learn more about this product line!</i>
<b>KNAUER Webinar</b>	19.08.2011	<b>PM/Dr. Ingo Piotrowski</b> <b>Get prepared: Basics in preparative chromatography!</b> <i>Preparative chromatography is one of the most important and powerful technique for the purification of value products particularly in pharmaceutical industry.</i> <i>This webinar will give you an introduction into basic theory and application areas.</i>
<b>KNAUER Webinar BIO</b>	09.09.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 3: Go systematically BIO: Bioline system!</b> <i>Planning, installing and performing with a Knauer Bioline system - basic webinar</i> <i>This part of the BIO webinars gives a detailed introduction how a Bioline system is composed and what people can expect when they buy it. The Bioline system offers an interesting price and performance relationship. Technically it offers more features than known from any other competitor Bio-system currently on the market. Automatisation is possible almost everywhere...</i>
<b>KNAUER Webinar</b>	23.09.2011	<b>SPA/Dr. Silvia Marten</b> <b>Solve your problems – KNAUER (U)HPLC Troubleshooting!</b> <i>In HPLC or UHPLC numerous problem can arise. In comparison to former days, technology and instrumentation have been improved but typical problems still occur. Especially for inexperienced HPLC-users but also for advanced learners, help in isolating, identifying and correcting typical problems is needed. With this troubleshooting guide, we provide help solving typical and often arising problems in HPLC and UHPLC.</i>
<b>KNAUER Webinar BIO</b>	14.10.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 4: It's chrysal clear with Bioline HR glass columns!</b> <i>Installing, filling and de-installing, maintenance of Bioline columns</i> <i>This webinar shows in its first part exactly the steps of how to assemble, install and run a Bioline HR glass column. The second part will deal with de-installation, cleaning and maintenance. Finally we will have a closer look what the benefits of these columns are compared to other columns being on the market in terms of filling time, operation and handling. Be surprised that a column is not just a column!</i>
<b>KNAUER Webinar</b>	28.10.2011	<b>PM/ Matthias Grothe</b> <b>ClarityChrom HPLC-Software from KNAUER: Easy to use!</b> <i>KNAUER ClarityChrom software is easy to use; it allows customers to get their first results quickly, using only a few simple steps. The clear and simple user interface is pleasant for beginners in HPLC. However, ClarityChrom is a full-featured Chromatography Data System, which also includes more advanced features. Our webinar will focus on the first steps required after installation to get a quick result. This should help to reduce the fear of contact for beginners with a Chromatography Data System.</i>

<b>KNAUER Webinar BIO</b>	04.11.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 5: Be smart: Use Biofox biochromatography media!</b> <i>Biofox SEC, Ion exchange, HIC and Affinity bio-chromatography material in daily use</i> <i>This webinar will guide you through different application fields. It doesn't matter whether you work with a classical 2- or 3-step separation scheme or you use very efficient and highly selective affinity separation protocols, for instance for tagged proteins. Biofox as the separation media always give you a maximum of performance and security during separation and the Bioline system ensures save fractionation and sample back tracking from <math>\mu</math>-scale up to mg and g quantity separations. Basic theory and practical hints about resolution and loadability are provided in this Webinar!</i>
<b>KNAUER Webinar</b>	26.11.2011	<b>KAM/Dr. Birger Holz</b> <b>KNAUERs worldwide customized solutions - What, Who, Where and how?</b> <i>Customized solutions for HPLC, HPLCplus, UHPLC, Biochromatography and Purification Processes will be presented in this Webinar.</i>
<b>KNAUER Webinar BIO</b>	09.12.2011	<b>Bioanalytics/Dr. Markus Fuchs</b> <b>Part 6: Apply for success: Applications for/with Bioline!</b> <i>Proteins, enzymes, peptides? If it is going about Purification, ask us for Bioline Protein Purification Systems - that will help</i> <i>The main part of this Webinar are detailed purification protocols. At least one example is discussed with all purification results - also intermediate data - to demonstrate beginners in this field and experienced purification professionals what kind of tools Bioline and Biofox can provide to assist you with protein purification. Remarks about cleaning and purification are made as well as a final discussion about analysis techniques used beside biochromatography/LC.</i>