



Seminar abstracts VWR-dagen 16. oktober 2014

Radisson SAS Blu Scandinavia Hotel, Holbergsgt.

VWR-dagen har til nå vært en suksess!. Nå arrangerer vi igjen stor utstilling med 40 av våre leverandører og mange interessante seminarer innen et bredt spekter av fagområder. Seminarenes varighet er på ca 1 time og man må melde seg på hvert enkelt seminar dersom man ønsker å delta på flere. Vær obs på at noen seminarer går samtidig. De fleste seminarene holdes på engelsk, men noen holdes på nordisk språk – de kommer frem av abstractet. Nedenfor er seminarene beskrevet med mer utfyllende informasjon. Påmeldingsfristen er 8. oktober, vi har begrenset antall plasser så vær rask!

Seminarrom Skagerak

09:30-10:30 Kjemikaliesikkerhet ved forskningslaboratoriene.
Hvilke utfordringer har man og hvordan kan de best løses
Speaker: Tore Havellen, Miljø- og bærekraftansvarlig, OUS

Abstract

Virksomhetsbeskrivelse av Oslo Universitetssykehus og en beskrivelse av noen typer laboratorier vi har. Hvordan løser OUS utfordringene forsknings-laboratorier har med å etterleve forskjellige myndighetskrav. Følgende temaer vil bli diskutert: Risikovurdering av kjemikalier, subsituasjon av farlige kjemikalier, håndtering av farlig avfall og bruk av elektronisk stoffkartotek., brannvern og førstehjelp, samt sikker håndtering og oppbevaring av kjemikalier.

11:00-12:00 Kvalitetssikring av pipettering i laboratoriet
Speaker: Helle Garder, VWR

Abstract

Pipettens plass i Kvalitetssystemet.
Hva vet du om pipettens prestasjoner mellom kalibreringene
Litt om ISO-standarder

13:15-14:15 Laboratoriesikkerhet for et trygt laboratorium
Speaker: Helmuth Gissing, VWR

Abstract

Laboratoriearbeid er farlig. Foredraget tar for seg flere huskereglene for å ivareta sikkerheten i det daglige laboratoriearbeidet. Det gir en oversikt om design og egnet utstyr for et trygt laboratorium. I tillegg tar det for seg praktiske retningslinjer for risikovurderinger, brannvern og førstehjelp, samt sikker håndtering og oppbevaring av kjemikalier.

14:30-30 What is important if you need the "right" pH
Speaker: Wolfgang Knappek, SI Analytics GmbH

Abstract

In this seminar we will cover the following topics: the importance of pH, definition of pH, sample matrix and conditions, sensor design, calibration, what pH electrodes don't like.



Seminarrom Bergen

09:00-10:00 Design-for-Sustainability Applied to Water Purification Systems

Speaker: Tore Braathen, Merck Millipore

Abstract

One of the objectives of Merck Millipore is to reduce the environmental impacts of the new products and solutions offered on the market. The key concept underlying all efforts is the "life cycle thinking", a strategy that aims at improving product performances from its design, to its manufacturing, transportation, utilization and end-of-life. We will show how applying design-for-sustainability right at the product concept has lead to significant reduction of impacts of a new water purification platform, and how customers can economically benefit from this design-for-sustainability. Initiatives around packaging and documentation on existing products will also be highlighted.

10:30-11:00 Sustainability – part of the future in the lab industry and in the whole society

Speaker: Magnus Rignell & Etienne Acker, VWR

Abstract

At VWR, our approach to sustainability is to meet the three primary goals as defined by the UN World Commission on the Environment and Development:

Environmental protection – Planet

Economic growth – Performance

Social impact - People

We recognise that building sustainable business practices and helping the planet is in the best interest of all of our organizations and our community. We understand that you have green initiatives and we are committed to helping you reach those goals. In this seminar we will present VWR's program for Sustainability including initiatives for our customers like Environmentally Preferable Products, Ethical Trade, Carbon Disclosure Project, waste handling/recycling solutions for our customers via TerraCycle® and Sustainability Services for labs.

11:30-12:15 Tired of counting and reporting what's in your lab - we can do it for you! - VSR+, lagerstyringssystem

Speaker: Erik Jokisalo, VWR

Abstract

New VSR+ system from VWR can help you to track and follow lab supplies and chemicals even down to batch level making reporting and ordering so simple that you can focus on other tasks at hand. With stock managing tool you can easily track your expenses accross all cost centers and be sure that you receive most updated information about your article movements. You can easily automate your ordering process weather you run a small lab or big stockroom to make sure you don't end up out of stock situations at any time.



Seminarrom Bergen

12:45-13:15 RightCycle* Program: How to implement a true, closed-loop solution to divert product from the waste stream and reuse it to create new eco-friendly products

Speaker: Per Andersson, Kimberly-Clark

Abstract

Most companies in pharma and research have a high intention to make their workplaces more sustainable. But initiatives often fail at the implementation phase. KIMBERLY-CLARK PROFESSIONAL* developed a new easy to use program called RIGHTCYCLE*. The first true, closed-loop solution to divert product from the waste stream and reuse it to create new eco-friendly products. Learn in this seminar how you can also start recycling your gloves and garments with this program and make your workplace more sustainable.

13:45-14:15 YOUTILITY, The Next Generation of Reusable Glassware attached

Speaker: Malwina Kezyworzeka, DURAN Group

Abstract

Highlight the importance of HUMAN Safety and Environmental Protection
We will show our new DURAN Youtility bottle system and their benefits
Green facts - Why our products are sustainable

14:30-15:30 Advancing environmental responsibility with sustainable products

Speaker: Christiane Neuhaus, Merck Millipore

Abstract

The chemicals we offer help our customers to improve people's everyday lives, but we recognize that the products may have a potential impact on environment, health or safety. We take our responsibility to choose chemicals and materials that provide the best combination of performance, safety, limited environmental impact and toxicity. We actively explore and assess the viability of alternatives to classical solvents (greener solvent alternatives) and concepts for improved packaging.

In accordance with the 12 principles of green chemistry we support our customers in their efforts to select and use more sustainable options for their chemical synthesis.



Seminarrom Christiania

09:30-10:30 Pipetting techniques and maintenance

Speaker: Anna-Maria Zamayeri, Thermo Scientific

Abstract

When pipetting the user, the liquid properties and the environment impact the result. Learn how these factors affect your pipetting, how to care for your pipettes and what you can do to guarantee your results.

11:30-12:30 Cell culture surfaces

Speaker: Kirsi Liimatainen, Thermo Scientific

Abstract

Selecting good vessel for cell culture that would fit to future needs/measurements including imaging. Tips to overcome problems in cell attachment and surface protein degradation during trypsinization.

13:00-14:00 Microplate instrumentation and cellular assays

Speaker: Shahin Hojjati, Thermo Scientific

Abstract

Microplate instrumentation can come to great use during the whole cellular workflow, from how you dispense and wash your cells in a homogenous matter to different sensitive detection and monitoring methods. This seminar will discuss ways of finding the right tools to optimize your cell assays.

14:45-15:45 How to optimize your storage of frozen samples

Speaker: Kirsi Liimatainen, Thermo Scientific

Abstract

Giving advices to freezer maintenance to prevent breakage and additional energy costs. Advices to maximize the sample capacity and organize sample data that is essential to your successful lab operations and allows you to share and collaborate with your partners.



Seminarrom Lofoten

09:45-10:45 How to choose the best filtration product for YOUR application

Speaker: Lena Wennerstrand, Pall Life Sciences

Abstract

Filtration is a necessary and crucial step in many processes in a lab no matter if you work in the field of for instance Life Science, BioTech, Pharma, Sample preparation, Microbiology, Quality Control or Chemistry. The scale and type of sample could be different but there is always something you would like to get rid of in your sample or something you would like to enrich. Ideally without annoying features as the filter/membrane clogging or losing too much of your sample in the filtration process itself. In this seminar you will learn just how to choose the best filtration product for your application. If you ever have struggled with a filtration step in your lab then this is the seminar for you. We will go through the basics of filtration and talk about things you need to take in consideration when deciding what filter or membrane to use. How to achieve as pure sample as possible in the most effective way. Some examples of what we will touch upon are sterile filtration, microbiology, quality control, how to choose a filter unit for HPLC or uHPLC, Ultrafiltration and TFF and more.

11:30- 12:30 Tools and tips for affinity protein purification and how to automate your purification with affordable ÄKTA Start

Speaker: GE Healthcare

Abstract

Commonly one type of chromatography media has been used for Histidine tagged protein purification. During the talk we will cover different benefits of various media which are optimized either for high binding capacity, purity or specifically for prokaryotic and eukaryotic expression systems as well as different formats for screening, capture and scale-up. Important practical tips for best results will be also be presented.

ÄKTA start – easy and affordable way to automate your protein purification

ÄKTA start is the latest addition to the famous ÄKTA chromatography system series. It is an affordable preparative system with intuitive design, simple flow path, and user-friendly interface. With ÄKTA start it is easy to automate the purification of a wide variety of proteins using built-in methods for common chromatography techniques like desalting/ buffer exchange, affinity, gel filtration, and ion exchange.

ÄKTA is a trademark of General Electric Company or one of its subsidiaries.

13:15-14:15 Laboratory identification for Food and Beverage Production and Workplace safety

Speaker: Thomas Pettersen, Brady

Abstract

"Syftet med seminariet är att informera om de högkvalitativa system för laboratorie- och facilitetsmärkning som Brady erbjuder. Dessa system är baserade på marknadsspecifika material och skrivare och ger tillsammans en märkning som inte bara fäster och sitter kvar på underlaget, men också förblir läsbar under många år, även i de mest utmanande miljöer. Några exempel är flytande kväve, DMSO/Xylen, autoklivering och värmebad på laboratoriet, samt de tuffa rengöringsmetoder som används inom livsmedelsproduktion."



Seminarrom Lofoten

14:45-15:45 How your consumables and pipettes can affect your assay results - use your resources smart

Speaker: Tommy Larsen, Eppendorf

Abstract

Improve your assay results by focusing on the choice of consumables, good ergonomics and your pipetting system. Recent studies shows, that leachables are detectable in common consumables and can pose a likely source of error.

Eppendorf guides you to use your resources smart, avoiding leachables and obtain the best possible results.



Seminarrom Finnmark

09:30-10:30 The importance of mature concepts and solutions for supplying to cleanrooms and controlled environments- for efficient processes and contamination control that covers both safety of products and personnel
Speaker: Frank Braun, Basan

Abstract

Working in controlled environments requires the highest degree of expertise, experience and diligence in order to ensure efficient and safe contamination control.

Thus, supplying to cleanrooms and controlled environments must be more than just "box moving". In addition to a comprehensive range of products, customer individual consultation and services as well as a sophisticated supply concept must be an integral part of the overall performance.

The requisite for a successful customer relationship is an analysis of the customer's specific requirements and of the onsite circumstances. Depending on the amount of products and services needed, this may also include an initial gap analysis combined with an inspection of plant and cleanrooms.

This lecture provides an introduction on how an optimal supply concept should look like in order to reach both customer satisfaction as well as efficient processes and cost optimisation.

11:00-12:00 Chemical Waste Management and Disposal in Laboratories
Speaker: Herbert Heidfeldt, Merck Millipore

Abstract

Merck's goal is to avoid impact of hazards of waste to humans, other species and the environment through sound waste management. The lecture will guide our customer to define "waste" in chemical laboratories and show how to manage this issue to protect environment and human health as well as consider the legal compliance.

12:45-13:45 Improve Your Pipeting Results and Ergonomy in Laboratory
Speaker: Petra Kyllönen, Sartorius

Abstract

Kommer senere.



Seminarrom Finnmark

14:15-15:15 Microscopy products from Merck Millipore for reproducible and reliable results every day

Speaker: Ute Schmidt, Merck Millipore

Abstract

Dyes and solution have been a part of the Merck portfolio since a long time. The tradition and the experience will be seen in the quality of the microscopy products. The microscopy products are a comprehensive range of classical hematology, cytology histology and bacteriology products which are constantly being expanded and adapted to the needs of the user and to comply with relevant environmental regulations. The most important aspect is quality which ensures that reproducible results can always be obtained. The microscopy products belong to the group of IVD and comply with the EU IVD Directive and bear the CE mark. With the CE registration process is documenting all steps of the life cycle and the according quality management ISO 13485. Insert sheets, more technical information and documents for all registered products are available in the internet.

The diagnostic accuracy and sensitivity, easy application, the speed and suitability for a huge range of specimen, cost effectiveness, repeatability are the reason that the staining procedures have such an importance in medical diagnostic. Classic methods which are available since more as 100 years as e.g. Giemsa , H&E, Gram stain, Tb stain and more are used nowadays with the same importance. Modification of some basic methods are available now, which have to be sensitive and specific in the same way and offers beside some more convenience for the user as PAS stain, Methenamine silver plating. acc. to Gomori, Tb-fluor phenol-free , Neo-Cytocolor®. On some examples will be shown the advantage of the modified.

Seminarrom Telemark

09:15-10:45 “Alting handler om indstilling”

Speaker: Søren Holmgren,
OL-gullvinner i Goalball og foredragsholder



Abstract

Nå har du en unik sjanse til å lære om hva som gjør ham til en ukuelig suksess. Han er med sine to olympiske gullmedaljer og sitt prisvinnende salgstalent – tross alt, faktisk blind.

Det er fort gjort å la den ene dagen ta den andre og glemme å stoppe opp og reflektere. Det er fort gjort å hisse seg opp i trafikken fordi andre bilister ikke har helt de samme kjøreferdighetene som en selv.

Det krever imidlertid mye mot og vilje å velge et lykkelig og suksessfullt liv som til det fulle lever opp til den om noe slitte frasen, om å ”se muligheter fremfor begrensninger”.

Det motet og den viljen har foredragsholder og forfatter Søren Holmgren!

Søren har vunnet to olympiske gullmedaljer i disiplinen goalball, som er et ballspill for blinde. Ved OL i Sydney 2000 og Athen 2004, hvor han og hans lag tok gullet hjem til Danmark, var han også toppscorer ved begge turneringene. Han har besteget et fjell, han har vunnet IBM's pris for beste nye selger i Europa, Mellømøsten og Afrika i 2006, han har stor succes med sit eget firma ”i to i”, og han er mentor i et rollemodellprogram for blinde barn og unge. Søren er dessuten mentaltrener for flere danske elitesportsfolk .

Søren lovet seg selv tidlig i livet at hans øyesykdom, som sakte, men sikkert ville ta fra ham synet, ikke skulle begrense hans liv og drømmer. Det løftet har han holdt, og nå vil han dele sine verktøy for å oppnå suksess og livsglede med deg!

11:15-12:15 CellCulture and cellbased Assays, Cell to signal, Migration to FLIPR - Important considerations for a successful assay-result,

Speaker: Dusan Raicevic, Corning

Abstract

Important considerations for a successful assay-result Cells, Flasks, Inserts, plates, surfaces and detection methods
Creating / designing a cell-based assay is a puzzle of variables that selected correct and put in their correct position will give a perfect picture of a number of biological events.

To select the correct pieces and to place them in the correct position, we need to answer some critical questions;

-**What we want** to detect/ analyze /prove/measure

-**What cell/ cells** to use, properties of our cell/Cells...

-characteristics and growth conditions, how do we make functional cells?

-**Detection method** , colorimetric, fluorescent or luminescent?

-**Handling** Manual or automatic

-**Format** 6well to 1536 well

how many cells?...In general grow as many as needed for the complete assay simultaneously, ensuring minimal variation from the cells population itself

Make sure that the complete genetical variation within the cell-line is carried over in each passage....

Weak cells are needed as they are often “first indicators”We will need to select the correct growth environment for our cells

Surface,vessel, in case expansion is needed to get sufficient number of cells; number of passages, growth environment (media, serum, additives).

We will demonstrate possible constructs enabling “good” expansion with functional and happy cells with good assay results”. We will also demonstrate some usual mistakes leading to poor assay results.

Seminarrom Telemark

12:45-14:15 “Alting handler om innstilling”

Speaker: Søren Holmgren,
OL-gullvinner i Goalball og foredragsholder



Abstract

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14:45-15:45 Pipetteseminar – fokus på kalibrering og tolkning av resultater

Speaker: Haransin Selvanayagam, VWR

Abstract

Hva betyr kalibrering iht ISO-8655 standarden.

I tillegg vil det vises hvordan vedlikehold av en pipette gjøres.