We call it the EXPAND® Technical Training Program. EXPAND® seminars, workshops and courses are integrated into the Sartorius Stedim Biotech service program.

These training programs are designed to ensure that each course participant has a proper understanding of the theoretical subject matter and acquires the necessary hands-on, practical skills. The ultimate aim and purpose is to enable technicians and specialists to perform their work safely and efficiently.

Continuing education of staff has become one of the many worldwide regulatory requirements. So, to help our customers keep up with the latest standards, we have created EXPAND®, a comprehensive series of technical training courses with a strong emphasis on hands-on, practical exercises.

These training programs are essential for all supervisors, managers, operators, technicians and specialists working in R&D, Production and Quality Assurance Departments.

"The only person who is educated is the one who has learned how to learn...and change."

Carl Rogers
Dear Reader,

Welcome to our EXPAND® training program 2013 for Asia. Our training courses focus on methodology and the courses are designed to incorporate theoretical and practical exercise. They are open to all interested parties and give you objective and unbiased perspectives.

You can choose the training courses and seminars in the following areas:

- **Cell Culture Technologies**
- **Microbiology**
- **Filtration**
- **Lab- | Quality Management**

We look forward to serving your training needs and continuation of our successful cooperation. We will be pleased to provide you our personalized advice.

Sartorius Training Center
Inhouse Training

We are happy to hold any of our on-going training courses and seminars inhouse at your facilities. We customize training courses according to your training needs, with the contents and structure adapted to the type of continuing professional education you require.

The benefits of our inhouse training include:

1. You get personalized training courses – designed according to your requirements and tailored to meet your needs.

2. You choose the dates and duration for your training courses and seminars.

3. A group of several colleagues can participate in the courses – all at the same time, with the advantage of not incurring travel expenses.

4. The courses will be held on-site using your own equipments and materials (e.g. cell lines, samples production). The knowledge gained can be put right into practice!
Trouble Shooting: Cell Culture

Who should attend: Scientists and operators who are working with small scale animal cell culture in research and development, diagnostics or quality control. Participants must have some practical experience or good understanding in animal cell culture.

Even in experienced cell culture labs, cell growth problems can crop up suddenly and affect the sterility or reproducibility of results. The workshop provides you practicable methods to ensure the quality of your animal cell cultures over the short and long term.

Key benefits of attending the course:

— Understand the physiological correlation and impacts on animal cell cultivation.

— Identify the reasons for common cell culture growth difficulties.

— Options to maintain or increase cell quality.

— Relevant guidelines for quality control of cell cultivation.

Theoretical aspects:

— Detection of poor cell growth and cause analysis. Eg. physiological relationships in the cell culture, effect of media components, material surfaces and cell handling

— Biological and chemical contamination: sources, diagnosis, treatment and prevention

— Required documentation and standardization of cell lines, creating proprietary cell banks (cell banking), viability tests and check lists

Practical aspects:

— Routine methods as caused for poor cell growth - demonstrating freezing | thawing of cells (cryopreservation)

— Detection of poor cell growth and contaminated cells

Course date: 20 – 21 June 2013 (English)
Course duration: 2 days
Start first day: 9.00 am
End last day: 4.00 pm

Trainer: Dr. Claudia Goldmann

Course fee: S$1800 (price subject to GST)

Course venue: Ngee Ann Polytechnic, Singapore

Closing date: 10 May 2013
Animal Cell Culture Workshop: From Cryo Culture to Bioreactor

Who should attend: Scientists and operators with experience in small scale animal cell cultivation who are working in research and development, process development or upstream department. It is also useful for new entrants or operators with experience in microbial fermentation.

This workshop adopts state-of-the-art technology in cell cultivation application and is emphasizing on hands-on training in various cell cultivation systems. Participants will perform every step of the process themselves under supervision of the trainer.

Key benefits of attending the course:

— Understand the physiological requirements of animal cells during their cultivation for production.

— Overview of animal cell culture technology in the biopharmaceutical industry.

— Practical experience in the animal seed train including vial thawing to cell expansion and inoculation of bioreactors, cell counting and cell culture monitoring to cell harvesting.

— Guidance for documentation and quality control of cell cultivation.

Theoretical aspects:

— Basics in animal cells cultivation

— Cultivation systems for production (single-use and multi-use) including set-up

— Sterile transfer, handling of samples and monitoring of the production process

Practical aspects:

— Set-up of bioreactors for single-use and multi-use

— Thawing and cultivation of animal cells in different cultivation systems

— Aseptic transfer of cell culture during the scale-up process.

— Aseptic sampling and monitoring of cell cultivation (determining cell count, viability, sterility)

Course date: 17 – 19 June 2013 (English)

Course duration: 3 days
Start first day: 9.00 am
End last day: 4.00 pm

Trainer: Dr. Claudia Goldmann

Course fee: S$3500 (price subject to GST)

Course venue: Ngee Ann Polytechnic, Singapore

Closing date: 10 May 2013
Microbiology

Environmental Monitoring

Who should attend: Personnel working in quality control, quality assurance, production and technical support. Training personnel who are responsible for ensuring compliance with regulatory, review and approve of reports and written procedure will also benefit.

Excessive microbial and high particulate levels due to ineffective cleaning and personnel issues will affect the quality of the environment and the potential for contamination of products. This course is designed to demonstrate the control of viable particles in critical areas.

Key benefits of attending the course:

— Better equipped to avoid potential environmental violations and contamination problems.
— Improve on your current practices and techniques.
— Better plan for your routine monitoring, research and policy.

Theoretical and practical aspects:

— Standards and regulatory requirements
— Microbial monitoring system
  — Sampling points
  — Frequency of testing
  — Nutrient media
— Identification of environmental isolates
— Modes of contamination
  — Air
  — Surfaces
  — Personnel
— Methods of collecting airborne microorganisms
— Data trending and analysis

Course date:
19 - 20 August 2013 (English)

Course duration:
1.5 days
Start first day: 9.00 am
End last day: 1.00 pm

Trainer:
Dr. Dagmar Simons

Course fee:
S$840 (price subject to GST)

Course venue:
Ngee Ann Polytechnic,
Singapore

Closing date:
22 July 2013
Microbiology for the Beverages Industry

Who should attend: Laboratory staff working in quality control and quality assurance. Managers and supervisors who involved in testing beverage samples and approval activities will also benefit.

Biological stability of the products and hygiene quality are important criteria for beverage manufacturer. This course gives you an overview of the types of microorganisms found in beverage and what damage can they caused, practical microbiological test methods and good hygiene application in control of the problems.

Key benefits of attending the course:

— Understand the scope of microorganisms that can cause spoilage or food safety.
— Understand the important of good hygienic practices in the control of problems.
— Improve your microorganisms detection techniques.
— Develop a good control system and guidelines.

Theoretical aspects:

— Product specific microorganisms | detection of product-spoilage microorganisms
— Biochemical differentiation
— Basic principles and practical application of the HACCP concept
— Plant hygiene

Practical aspects:

Microcopy of bacteria, yeast and fungi, differentiation of entero-bacteriaceae | nonfermentors | Gram-positive bacteria and yeast:

— Microscopy
— Gram-staining (alternative methods)
— Biochemical tests
— Use of different identification systems

Course date:
22 - 23 August 2013 (English)

Course duration:
1.5 days
Start first day: 9.00 am
End last day: 1.00 pm

Trainer:
Dr. Dagmar Simons

Course fee:
S$840 (price subject to GST)

Course venue:
Ngee Ann Polytechnic,
Singapore

Closing date:
24 July 2013
Who should attend: Microbiologist, personnel from quality control and quality assurance, production who involved in collecting and testing water system samples, approval of water system activities and contamination control issue. Participants with little to no experience in water systems and with several years of experience will also benefit.

Control of the quality of water, in particular flourish of microorganisms in the water system will lead to undesirable contamination of facility processes and their products. This course highlights principles and technologies and its applications in pharmaceuticals, biotechnology and ophthalmic operations.

Key benefits of attending the course:

— Understand the water types, qualities, its uses.
— Study the application of water treatment technologies.
— Institute proper sampling, monitoring and microbial control levels that will reduce microbial excursions.
— Better knowledge of regulatory expectations and validation requirements for pharmaceutical systems.

Theoretical and practical aspects:

— Water contaminants
— Types of water used in pharmaceutical processes
  — Specifications | Applications
— Pharmaceutical water systems
  — Specifications and designs
  — Sanitization strategies | Biofilm formation and control
— Water treatment | purification stages
  — Feed water quality | pre-treatment options | final treatment
— Microbiological monitoring
  — Proper microbiological sampling
  — Sampling point | point of use
— Microbiological analysis: Total count, objectionable organisms and endotoxins
— Approaches to water system validation
— Inspections of water systems
Sterility Testing

**Target audience:** Personnel from microbiological quality control and quality assurance, regulatory affairs who perform sterility test or staff who have responsibility for the performance of the sterility testing.

Sterility testing is a very challenging procedure where asepsis must be ensured for a correct interpretation of results. It is important that the personnel have to be properly trained, qualified and certified to perform the various tasks and procedure related to sterility testing. This workshop is designed to give participants practical experience in the handling of sterility testing.

**Key benefits of attending the course:**

- Learn the proper technique of performing sterility testing for different samples.
- Better understanding of qualification and validation of sterility test unit.
- Interpretation and investigation of OOS results.
- Preventive action to control false positive and false negative test results.

**Theoretical aspects:**

- Introduction to sterility testing, regulations and guidelines
- Sterility test methods | test limitations
- Validation
- Interpretation of test results
- Microbial identification of isolates recovered from a sterility test

**Practical session:**

- Sterility testing of different sterile products (LVPs | SVPs | ampoules | antibiotics | syringes | medical devices)
- Visual evaluation of test samples

**Course date:**

5 April 2013 (English)

**Course duration:**

1 day
Start: 9.00 am
End: 4.00 pm

**Course venue:**

Bandung, Indonesia

**Course fee:**

Contact your local Sartorius representative for a quote

**Closing date:**

6 March 2013

**Course date:**

9 - 10 April 2013 (English)

**Course duration:**

1,5 days
Start first day: 9.00 am
End last day: 1.00 pm

**Course venue:**

Ngee Ann Polytechnic, Singapore

**Trainer:**

Dr. Dagmar Simons

**Course fee:**

S$1200 (price subject to GST)

**Closing date:**

10 March 2013
Pharmaceutical Microbiology of Non-Sterile Products

Who should attend: Microbiologist, technical support and personnel working in quality control and quality assurance in pharmaceutical or biotechnology industry. Training personnel who are taking care of contamination issue will also benefit.

Raw materials and non-sterile products used in the pharmaceuticals and biotechnology industry require control of microbial levels during processing and handling. This course provides participants theoretical and practical experience in examination of non-sterile products.

Key benefits of attending the course:

— Understanding the principles application to the microbiological lab.
— Interpreting the regulatory guidelines for microbial limit test.
— Study the proper technique of detecting and quantifying the colonies.
— Improve on your current practice to approach the objective of recognition parameter.
— Recommended guidelines to devise your microbiology validation protocol.

Theoretical and practical aspects:

— Types of microbes and its growth conditions
— Detection methods
— Selection of nutrient media
— Microbiological lab
  — Regulatory requirements
  — Good microbiological practice
  — Media preparation, storage and control
— Microbial limit test according to pharmacopeia guidelines
— Test for specified microorganisms
— Validation of microbiological test methods

Course date: 21 August 2013 (English)

Course duration:
1 day
Start: 9.00 am
End: 4.00 pm

Trainer:
Dr. Dagmar Simons

Course fee:
S$740 (price subject to GST)

Course venue:
Ngee Ann Polytechnic,
Singapore

Closing date:
22 July 2013
Microbiological Basics of Product Safety and Industry Hygiene

Who should attend: Microbiologist, technical support and personnel working in quality control and quality assurance.

Microbes can take the form of bacteria, fungi and protists and they are sufficiently small which proper tools are required for visualization. This course equips you with the skills and methods of detecting micro-organisms and principle application to the microbiological lab.

Key benefits of attending the course:

— Understanding the specific requirements in a microbiology lab.

— Understand the important of good hygienic practices in the control of problems.

— Improve your current practices and techniques of microbial detection.

This course covers:

— Introduction to microbiology

— Microbial growth conditions

— Microbiological detection methods

— The microbiology lab

— Microbiological examination of water and drinking water

— Introduction to personnel hygiene

Course date: 4 April 2013 (English)

Course duration: 1 day
Start: 9.00 am
End: 4.00 pm

Trainer: Dr. Dagmar Simons

Course fee: Please contact your local Sartorius representative for a quote

Course venue: Bandung, Indonesia

Closing date: 5 March 2013
Filtration

Crossflow Filtration Process Optimization and Scale-up

Who should attend: Scientists from research and development, operators and engineers from production who have responsibility for developing processes and implementing production scale. Participants must have experience or basic knowledge in filtration.

This course provides participants state-of-art knowledge about GMP-compliant process using crossflow filtration.

Key benefits of attending the course:
— Determine optimal process parameters for your application.
— Develop a compliant production scale-up.
— Generate and collecting data to devise a new crossflow protocol

Theoretical aspects:
— Crossflow filtration theory and membrane selection
— Factors influencing crossflow performance
— Automatic integrity testing
— Cleaning and sterilization
— Scale-up
— Applications in biotechnology

Practical aspects:
— Operational set-up of the systems
— Determination of clean water flux
— Cell retention by microfiltration (model solution)
— Concentration of a protein solution by ultrafiltration
— Removal of low-molecular weight contaminants by diafiltration
— Cleaning

Course date: 11 – 12 April 2013 (English)
Course duration: 2 days
Start first day: 9.00 am
End last day: 4.00 pm

Trainer: Rodney Carbis
Course fee: S$1400 (price subject to GST)

Course venue: Ngee Ann Polytechnic, Singapore
Closing date: 13 March 2013
Sterilization and Integrity Testing of Membrane Filters

Who should attend: Scientists and operators from production who require the knowledge and skills in handling the filters employed for sterile filtration and filter integrity testing. This course is suitable for participants with little or no experience.

This course provides comprehensive view of filter materials used in the pharmaceutical industry. Participants will learn the theoretical knowledge and practical skills in handling the filters employed for sterile filtration.

Key benefits of attending the course:

— Recognize operating principles of automatic filter integrity test.
— Interpret the print-out derived from the test.
— Determine when and how to perform integrity testing.
— Better knowledge of dealing with failed tests.

Theoretical aspects:

— Basic principles of filtration
  — Structure and properties of pre-filters and final filters
  — Qualification of depth and membrane filters
  — Retention mechanisms

— Integrity testing of membrane filters
  — Regulatory requirements
  — Integrity testing methods
  — Testing equipment

— Principles of steam sterilization of filter lines
  — Methods, set up & trouble shooting

Practical aspects:

— Manual determination of bubble point | diffusion

— Automated integrity testing:
  — Bubble point | diffusion test
  — Integrity testing of hydrophobic filters using the water intrusion test (WIT)
  — Trouble shooting
Filter Optimization and Scale-up

Who should attend: Scientists from research and development, and personnel involved in developing processes and implementing production scale. Participants must have basic knowledge of filtration.

Reducing costs per liter, improving yield and implementing efficient process time while increasing product and process reliability are the major success factors for any company. This course will present the latest techniques of developing a static filtration process solution for your specific application.

Key benefits of attending the course:

— Determine optimum filter combinations with your defined criteria.
— Develop optimal production scale-up process.
— Generate and collecting data to devise a new filtration protocol.

Theoretical aspects:

— Filtration optimization
  — Membrane selection
  — Influencing parameters
  — Filter sizing
  — Filter clogging mechanisms
— Evaluation of test results

Practical aspects:

— Constant flow and constant pressure trials
— Pre and final filter optimization trials
— Demonstration filterability trials
— Small scale filterability trials
— Introduction to filterability trials software
— Scale-up calculations

Course date:
6 September 2013 (English)

Course duration:
1 day
Start: 9.00 am
End: 4.00 pm

Trainer:
Tony Budianto Bee

Course fee:
S$980 (price subject to GST)

Course venue:
Ngee Ann Polytechnic, Singapore

Closing Date:
7 August 2013
Proper Weighing in the Lab

Who should attend: Researchers, analysts and lab technicians who involved in quality control and production.

Weighing is a common source of error that can be difficult to detect in the final analytical results. It is important that the personnel have to be trained and equipped with safe and reliable skills in handling of balances. Participants will learn how to optimize the interplay between balance, place of installation, operator, weighing samples in their daily work routine. This course provides participants opportunity to work on different types of weighing balances.

Key benefits of attending the course:

— Execute proper setting of your weighing station.
— Develop skills in handling balances and weighing samples.
— Good practice to reduce measurement errors and ensure reliable weighing results.
— Improve your current practice to approach the objective of recognition parameter.

The seminar covers:

— Metrological aspects of weighing technology
— Selection of right balances for your weighing tasks
— Factors affecting balances and weighing samples
— Consideration for setting up a weighing samples
— Correct handling and maintenance
— Ensuring reproducible results and the usability of balances
— Determination of minimum sample load according to FDA| USP
— What, how and how often to test and document
— Laboratory practical session

Course dates: 10 June 2013 (English)

Course duration: 1 day
Start: 9.00 am
End: 4.00 pm

Trainer: Kevin Yiu

Course fee: S$740 (price subject to GST)

Course venue: Ngee Ann Polytechnic, Singapore

Closing Date: 13 May 2013
Gravimetric Calibration of Pipettes and Correct Use of Laboratory Balances

Who should attend: Scientists, analysts and staff involved in quality assurance that require accurate and consistent pipetting results.

Even with a high quality pipette using the finest precision tips, variations in user operation and correct use of laboratory balance can alter delivery volumes and introduce inaccuracies. This course provides practical knowledge of pipette calibration, weighing technology and volumetric measurement. Participants will learn to calibrate piston operated pipettes on their own. You can bring your own pipettes to calibrate.

Key benefits of attending the course:

— Understand the association between balance, installation, calibration and operation.
— Identify issues and optimize pipetting performance.
— Understand the requirements for pipette calibration and documentation.
— Develop a compliant procedure for your calibration instrument.

Theoretical and practical aspects:

— Basics of gravimetric pipette calibration
— International standard as per DIN EN ISO 8655
— Setting up a calibration workplace, minimizing interference factors
— Practical preparation and performance of calibrations
— Working with different calibration software
— Documenting and evaluating calibration results
— Criteria for inspection, measuring and test equipment monitoring
— Establish test intervals, traceability, documentation, calibration certificate
— Handling and maintenance of pipettes

Course dates:
11 – 12 June 2013 (English)
26 - 27 September 2013 (English)

Course duration:
2 days
Start first day: 9.00 am
End last day: 4.00 pm

Trainer:
Kevin Yiu

Course fee:
S$980 (price subject to GST)

Course venue:
Ngee Ann Polytechnic, Singapore

Closing Date:
13 May 2013 – June intake
26 August 2013 – Sept intake
Balances as Inspection, Measuring and Test Equipment in the QM System

Who should attend: Analysts, technical specialists and engineers who work on measurements and instrumentation. Lab managers who responsibilities for ensuring compliance with regulatory, review and approve reports and written procedure will also benefit.

The incorporation of balances into quality assurance system (e.g. DIN EN ISO 9000: 2000, GMP, GLP, ISO 17025) is of key importance. This course highlights the specific requirements for measuring devices and test equipment, balance calibration and measurement uncertainty. Participants will have opportunity working on different types of weights and balances.

Key benefits of attending the course:

— Understand calibration process and it’s techniques.
— Execute proper handling and care of calibration weights.
— Implement documentation of test and calibration results in a compliant way.
— Develop a standard test procedure for your weighing instruments.

Theoretical and practical aspects:

— Proper selection and correct handling of balances and calibration weights
  — Definition of terms, interpretation of metrological data
  — Factors affecting balances and weighing samples
  — Practical measurements on laboratory balances
— Specific requirements of DIN EN ISO 10012
— Balances used in legal metrology
— Traceability of calibration results of test equipment
— DKD weights, weight testing and certification
— Calculate the DKD measurement uncertainty on electronic balances
— Determine the minimum sample quality according to the USP
— Equipment qualification DQ, IQ, OQ, PQ

Course date: 25 September 2013 (English)
Course duration: 1 day
Start: 9.00 am
End: 4.00 pm

Trainer: Kevin Yiu

Course fee: S$740 (price subject to GST)

Course venue: Ngee Ann Polytechnic, Singapore

Closing Date: 26 August 2013
Trainers

Rodney Carbis joined the International Vaccine Institute (IVI) in Korea since 2003 and is currently the Head of vaccine development. He leads the team that has developed vaccines against cholera and typhoid and has successfully transferred the vaccines and technology to manufacturer in developing country. Prior to that, he was with Sartorius Australia as a technical manager and assisted vaccine and pharmaceutical companies in Asia to develop downstream processes and optimization of filtration systems. Before this, he was with CSL and he assisted in the developmental work of Influenza vaccine and quality control of viral vaccines.

Dr. Claudia Goldmann studied biology in Goettingen. She was with Barlex Biosciences, a Schering subsidiary. Prior to that, she was working in the Department of Virology and Immunology at German Primate Center. She is a certified trainer and has been an instructor since 2004.

Dr. Dagmar Simons studied biology and she holds a Doctorate from the University of Cologne. She joined Sartorius in 1994 and she was with technical sales department for 6 years. She has been responsible for technical training courses since 2000 as an instructor mainly for filtration technologies and microbiology.

Kevin Yu has more than 15 years of experience in metrological instruments with Sartorius group. He was the Regional Product Manager for lab and industrial weighing products. Prior to that, he was the Product Specialist of Sartorius Mechatronics Hong Kong. Currently, he is the Managing Director of Sartorius Thailand.

Tony Budianto Bee studied Chemical and Biomolecular Engineering in University of Melbourne. Currently, he is an application specialist for filtration and purification technologies in Sartorius Singapore. He assisted vaccine and pharmaceutical companies in ASEAN to develop and optimize downstream processes. He was also an external lecturer in one of the polytechnic in Singapore for Specialist Diploma Course in Biopharmaceutical Technology.
## Course Calendar

### EXPAND Training Courses and Seminars 2013

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<td>4 April 2013</td>
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<td>Sterility Testing</td>
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<td>Regulatory Requirements of Pharmaceutical Water Systems</td>
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1 Science Park Road  
The Capricorn, #05-08A  
Singapore Science Park II  
Singapore 117528  

Telephone: (65) 6872 3966  
Telefax: (65) 6778 2494  
Christina.lim@sartorius-stedim.com  
Or visit our website at  
www.Sartorius-stedim.com/expand
Basic Information

Services

Participants will receive course notes and certificate of attendance. Refreshment and daily lunch are included.

Hotel Arrangement

We will reserve your hotel accommodation upon request.

Transfer

Transfer to training site and back to appointed hotel is included.

Sartorius Stedim Singapore Pte Ltd
1 Science Park Road
The Capricorn, #05-08A
Singapore Science Park II
Singapore 117528

Telephone: (65) 6872 3966
Telefax: (65) 6778 2494

Christina.lim@sartorius-stedim.com
Kindly fax your application form to (65) 6778 2494

Participant information:
Dr | Mr | Mrs | Ms
Name (please underline your last name)
Position | job title
Company
Department
Address
City, Postal Code
E-mail
Phone
Title of training course

Invoice address (if different from the one above):
Name
Address

I hereby register for the following seminar | seminars.
My registration is binding:
Title of first seminar
Course No. | Date
Title of second seminar
Course No. | Date
Title of third seminar
Course No. | Date

Areas of Interest | Questions | Remarks

Date | Signature

Hotel Reservations
Date | Time of arrival
Date | Time of departure
(Nights)

Cancellation Clause!
Cancellations will be accepted if made in writing up to 20 workdays prior to the beginning of the course. After this time, the course fee is payable in full. However, registered participants always have the option to name a substitute attendee.

Non-smoking room preferred
How to Register

Registration is subject to our general Terms & Conditions of business.

Registration

Registration must be submitted in writing. A written confirmation of the booking will follow. The fees will be invoiced upon receiving your registration.

Cancellations

Cancellations will be accepted if made in writing up to 20 working days prior to the commencement of the course. If the registrant cannot attend a course, the full registration fee shall still be due and payable. However, registered participants have the option to appoint a substitute to attend.

Changing the Scope of Services

We reserve the right to change the content and schedule of the seminar and the trainer while preserving the overall nature of the seminar.
We reserve the right to cancel the seminar or to offer an alternative date. If we cancel the seminar due to illness of the trainer, acts of God, or other adventitious events, the registrants have no claim to having the seminar conducted.

Copyrights

Training materials and folders are governed by copyright laws and under no circumstances and at no time may they be reproduced by photographic or electronic means. The materials are intended for the sole personal use of the course participants.

Payment

Payment must be received in full. Cheque payment must make to Sartorius Stedim Singapore Pte Ltd.
Mail your cheque with the copy of the completed application form to 1 Science Park Road, The Capricorn, #05-08A, Singapore Science Park II, Singapore 117528.

For further information, please contact:

E-mail: Christina.lim@sartorius-stedim.com
Phone: (65) 6872 3966
Telefax: (65) 6778 2494

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1 Science Park Road, The Capricorn, #05-08A
Singapore Science Park II, Singapore 117528