3-5 April 2017 Suntec Singapore Convention & Exhibition Centre

2017 Conference brochure

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11 CME ACCREDITED CONFERENCES

» Laboratory Management
» Clinical Chemistry
» Haematology
» Infectious Diseases
» Molecular Diagnostics
» Gastro Intestinal Oncology
» Diabetes
» Cardiac Markers
» R&D - Next Gen Diagnostics
» Obs-Gyne and Women’s Health
» Point Of Care Testing

NEW

NEW

Register before 23 February 2017 for early bird rates

+65 641 17791<br>medlabasia@informa.com<br>www.medlabasia.com
WELCOME TO MEDLAB ASIA PACIFIC

Introduction
MEDLAB Asia Pacific will feature 11 CME accredited conferences which will be focused around laboratory diagnostics. A variety of scientific lectures, case studies, demonstrations and interactive activities will be available for all healthcare professionals to attend. New themes and tracks for 2017 include Point of Care Testing, Obs - Gyne and Women’s Health, Next Generation Sequencing and Gastro Intestinal Oncology.
This scientific conference is supported by the Academy of Medicine, Singapore.

Benefits of Attending
• Assess latest trends and best practices in laboratory safety to identify possible hazards at the workplace
• Discuss emerging and re-emerging infectious diseases for outbreak prevention and elimination
• Identify screening tools to prevent, timely diagnose, and treat Diabetes Mellitus
• Discuss frequently misunderstood concepts in quality management to achieve quality assurance and control in the laboratory
• Identify lab trends to improve operational challenges in clinical laboratory
• Explain regulatory structures and technology to regulate molecular diagnostic assays
• Analyse challenges in quality assurance in haematology to ensure reliability of the lab tests
• Appraise the latest developments in biomarkers, targeted agents and vaccines for diagnosis of liver, stomach, colorectal cancer
• Discover key technological breakthroughs in POCT that aid in clinical decision making

Exhibition
Held alongside the conferences, the free-to-attend exhibition will present thousands of new products, equipment and services showcased by the main players in the industry. This will provide an opportunity for you to see the latest technologies on display and test them out all under one roof, while meeting new contacts and attending educational courses.

Key topics:
• Challenges in the practice of lab medicine: Country reports
• Incorporating safety in the laboratory
• Updates in infectious diseases: Zika virus
• Preventing infection: Hepatitis C and Tuberculosis
• New diabetic treatment and implications for the laboratory
• Lab Prostate-specific antigen (PSA) Testing and Interpretations
• Clinical applications of molecular diagnostics
• Impact of hsTn-I on clinical services and provision of cardiac care
• Novel methods of testing potential drug therapies for cancer
• New born thyroid screening
• Requirements and accreditation of POCT

CME ACCREDITATION
The Singapore Medical Council is the accreditation body for all of the conference tracks at MEDLAB Asia Pacific. The Singapore Medical Council (SMC), a statutory board under the Ministry of Health, maintains the Register of Medical Practitioners in Singapore, administers the compulsory continuing medical education (CME) programme and also governs and regulates the professional conduct and ethics of registered medical practitioners. In their efforts to ensure that doctors are keeping abreast of medical advances, the Council has implemented compulsory CME with effect from 1 January 2003.
Dear healthcare professional,

I am pleased to present you with the conference brochure for the 4th MEDLAB Asia Pacific Exhibition & Congress taking place 3-5 April 2017 at Suntec Singapore Convention & Exhibition Centre.

With the continued economic growth and rapid development of laboratory medicine in the region, there is a challenge for the industry to continue to generate new and innovative tests that will help advance precision medicine and healthcare in general.

As a laboratory professional, you play a critical role in ensuring high-quality, cost effective clinical care by informing clinical decision makers with objective scientific data and informed interpretations of results, integrate informatics into clinical practice guidelines and evidence-based medicine.

This meeting brings together leading laboratory experts, scientists, researchers and clinicians to exchange and share their experiences and research results on all aspects of laboratory medicine and clinical research. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the medical laboratory.

From new methods of effective lab management to the development of techniques in detecting diseases, the MEDLAB Asia Pacific conferences will cover an extensive range of topics guaranteed to educate and enlighten all. Eleven clinical tracks aim to bring the latest cutting edge information on research and technology to our audience. All scientific tracks are supported by the Academy of Medicine, Singapore.

The conference chairs and I are honoured to welcome you to this important CME accredited scientific meeting.

Regards,

Rejoy Penacerrada
Senior Conference Producer
Informa Life Sciences Exhibitions

**Conferences:**

<table>
<thead>
<tr>
<th>03 April, Monday</th>
<th>04 April, Tuesday</th>
<th>05 April, Wednesday</th>
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<tbody>
<tr>
<td>Lab Management</td>
<td>Clinical Chemistry</td>
<td>Haematology</td>
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<td>Infectious Diseases</td>
<td>Molecular Diagnostics</td>
<td>Gastro Intestinal Oncology</td>
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<td>Diabetes</td>
<td>Cardiac Markers</td>
<td>R&amp;D - Next Gen Diagnostics</td>
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<td>Point Of Care Testing</td>
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**Associations:**

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<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Event</th>
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<tbody>
<tr>
<td>10:00</td>
<td>Welcome address by Master, Academy of Medicine Singapore</td>
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<tr>
<td>10:05</td>
<td>Opening remarks by Conference Chair: Dr Aw Tar Choon, Professor and Chemical Pathologist, Department of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore</td>
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<tr>
<td>10:10</td>
<td>Session 1:</td>
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<tr>
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<td>Moderator: Dr Aw Tar Choon, Professor and Chemical Pathologist, Department of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore</td>
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<tr>
<td>10:10</td>
<td>Introduction</td>
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<td>10:25</td>
<td>Pre-analytical factors - rational test ordering</td>
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<tr>
<td></td>
<td>Dr Leslie Lai, President, Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine, Kuala Lumpur, Malaysia</td>
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<tr>
<td>10:45</td>
<td>Pre-analytical factors – sample transport</td>
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<td></td>
<td>Dr Jan-Gowth Chang, Director, Department of Laboratory Medicine, Department of Medical Research, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan</td>
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<td>10:45</td>
<td>Quality control in the laboratory</td>
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<td>Kelly Lim, Principal Medical Lab Scientist, Singapore General Hospital, Singapore</td>
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<tr>
<td>10:45</td>
<td>Pre-analytical audits</td>
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<td></td>
<td>Dr Tjan Sian Hwa, Head of Pathology Department, Koja District Hospital, Jakarta, Indonesia</td>
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<tr>
<td>11:05</td>
<td>Personnel training updates</td>
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<td></td>
<td>Prof Fang Woei-Horng, Professor, School of Medical Technology, College of Medicine, National Taiwan University, Taipei, Taiwan</td>
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<tr>
<td>11:15</td>
<td>Open forum: Challenges in the practice of lab medicine</td>
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<td>Panelists: Dr Leslie Lai, Dr Jan-Gowth Chang, Dr Hanita Othman, Theo Liebregts, Graeme Carter</td>
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<td>13:00</td>
<td>Lunch break</td>
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<td>14:00</td>
<td>Session 2:</td>
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<td>Moderator: Dr Bronwen Ross, Deputy Chief Executive Officer, The Royal College of Pathologists of Australasia, Sydney, Australia</td>
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<tr>
<td>14:00</td>
<td>Testing the rainbow: Productivity gain with multi-disciplinary connectivity</td>
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<td>Graeme Carter, Head of Department, Biochemistry, Australian Clinical Labs, Clayton Victoria, Australia</td>
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<tr>
<td>14:30</td>
<td>Ensuring safety in your laboratory</td>
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<tr>
<td>15:00</td>
<td>EQA to improve lab performance</td>
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<td>Dr Tony Badrick, CEO, The Royal College of Pathologists of Australasia, Quality Assurance Programs, Sydney, Australia</td>
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<td>15:00</td>
<td>Coffee break</td>
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<td>16:00</td>
<td>Session 3:</td>
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<td>Moderator: Dr Bronwen Ross, Deputy Chief Executive Officer, The Royal College of Pathologists of Australasia, Sydney, Australia</td>
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<tr>
<td>16:00</td>
<td>Using the six sigma management system to increase the quality of a medical laboratory</td>
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<td>Dr Hanita Othman, Head of Department, Chemical Pathology Unit, The National University of Malaysia, Kuala Lumpur, Malaysia</td>
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<tr>
<td>16:30</td>
<td>Emerging automation and liquid microbiology - impact on efficiency and turn-around-time</td>
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<td>Theo Liebregts, Head of Bacteriology, PAMM Laboratory, Veldhoven, The Netherlands</td>
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<td>17:00</td>
<td>Acute kidney injury: Prevalence, mortality, cost and challenges of managing this silent killer</td>
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<td>Prof Salvatore Di Somma, Professor of Medicine, Chairman and Director Emergency Medicine, Sapienza University of Rome, Rome, Italy</td>
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<tr>
<td></td>
<td>Theo Liebregts, Head of Bacteriology PAMM Laboratory, Veldhoven, The Netherlands</td>
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<td>17:30</td>
<td>Close of conference</td>
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**Conference Chair:**

Dr Aw Tar Choon, Professor and Chemical Pathologist, Department of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore

**Speaker Faculty:**

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- Prof Fang Woei-Horng, Professor, School of Medical Technology, College of Medicine, National Taiwan University, Taipei, Taiwan
- Graeme Carter, Head of Department, Biochemistry, Australian Clinical Labs, Clayton Victoria, Australia
- Dr Hanita Othman, Head of Department, Chemical Pathology Unit, The National University of Malaysia, Kuala Lumpur, Malaysia
- Dr Tony Badrick, CEO, The Royal College of Pathologists of Australasia, Quality Assurance Programs, Sydney, Australia
SESSION 1: VIROLOGY
10:30 A small world for emerging viruses: Lessons from influenza and Zika
Dr Sebastian Maurer-Stroh, Senior Principal Investigator, Agency for Science, Technology and Research (A*STAR), Singapore

11:00 Efficient management of HCV with HCV core antigen
Dr Priya Abraham, Professor of Microbiology, Department of Clinical Virology, Christian Medical College & Hospital, Vellore, Tamil Nadu, India

SESSION 2: NEW APPROACHES
11:30 Continues and quantitative non-invasive assay to determine Liver Fibrosis – experience sharing
Dr Katherine Soreng, Director, Global Clinical and Scientific Marketing, Siemens Healthineers, Atlanta, USA

12:00 From phenotype to genotype, susceptibility testing in mycobacterium tuberculosis
Dr Nathan A. Ledeboer, A/Prof and Medical Director of Microbiology, Molecular Diagnostics, Reference Services, Laboratory Business Development, Froedtert Hospital; Wisconsin Diagnostic Laboratories, Milwaukee, Wisconsin, USA

12:30 Is two better than one? Combination antibiotic testing for XDR-organisms
A/Prof Andrea Kwa, Clinician Scientist, Pharmacy, Singapore General Hospital; Emerging Infectious Diseases, Duke-NUS Medical School, Singapore

SESSION 3: ANTIBIOTICS AND THE LABORATORY
14:30 Emerging antibiotic resistance: Focus on Carbapenem and Colistin resistance
Prof Patrice Nordmann, Professor, University of Fribourg, Fribourg, Switzerland

15:00 Strategies for controlling MDRO spread: Role of lab and infection control team
Prof Vincent Jarlier, Professor, Groupe Hospitalier Pitié-Salpêtrière, Paris, France

15:30 COFFEE BREAK

SESSION 4: PREVENTING INFECTION
16:00 Control of carbapenemase-producing enterobacteriaceae: Can we? Should we?
Dr Piotr Chlebicki, Senior Consultant, Department of Infectious Diseases, Singapore General Hospital, Singapore

16:30 National surveillance for HAI and AMR: Vietnam
Dr Bui Thi Thu Hien, Laboratory Services Team Lead, CDC/US Embassy, Hanoi, Vietnam

17:00 Screening for Multi-drug resistant organisms (MDRO): Vertical or horizontal approach?
Dr Lance Peterson, Director, Clinical Microbiology and Infectious Diseases Research Division, Associate Epidemiologist, Northshore Research Institute, Evanston, Illinois, USA

17:30 CLOSE OF CONFERENCE
MONDAY, 3 APRIL 2017

13:50  Opening remarks by the Chair: Dr Wong Moh Sim, Head, Laboratory Medicine, Khoo Teck Puat Hospital, Singapore

14:00  Assessing beta cell function in clinical practice
Dr Angela Koh, Senior Consultant, Department of Medicine, Alexandra Hospital, Singapore

14:30  Laboratory markers and methods for the diagnosis and monitoring of diabetes
Dr Loh Tze Ping, Consultant Chemical Pathologist, Department of Laboratory Medicine, National University Hospital, Singapore

15:00  COFFEE BREAK

15:30  Challenge in HbA1c measurements
Dr Busadee Pratumvinit, Asst. Prof, Clinical Pathology, Siriraj Hospital, Bangkok, Thailand

16:00  Genomics in Diabetes Clinic – Our Early Experience
A/Professor Lim Su Chi, Senior Consultant, Department of Medicine/ Director, Clinical Research Unit, Khoo Teck Puat Hospital, Singapore

16:30  CLOSE OF CONFERENCE
### SESSION 1:
**Moderator:** Dr Leslie Lam, Head & Senior Consultant, Laboratory Medicine, Ng Teng Fong General Hospital and Jurong Community Hospital, Singapore

**10:30** The role of the laboratory in chronic kidney disease classification
Dr Leslie Lam, Head & Senior Consultant, Laboratory Medicine, Ng Teng Fong General Hospital and Jurong Community Hospital, Singapore

**11:00** Discrepant results in thyroid function tests; a collection of three tales
Dr Busadee Pratumvinit, Asst. Prof, Clinical Pathology, Siriraj Hospital, Bangkok, Thailand

**13:30** How to optimise criteria for microscopic review of urinalysis
Dr Kanit Reesukumal, A/Prof, Clinical Pathology, Siriraj Hospital, Bangkok, Thailand

**14:00** Interference in immunoassays
Dr Clement K.M. Ho, Consultant Chemical Pathologist, Department of Pathology and Laboratory Medicine, KK Women's and Children's Hospital, Singapore

**14:30** Comparison of a novel quantitative and standard methods for glucose-6-phosphate dehydrogenase deficiency
Dr Chalisa Louicharoen Cheepsunthorn, Instructor, Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

### SESSION 2:
**Moderator:** Dr Yeo Chin Pin, Senior Consultant & Specimen Management, Department of Pathology, Head, Clinical Biochemistry, Satellite Labs & Client & Specimen Management, Department of Pathology, Singapore General Hospital, Singapore

**10:15** Opening remarks by the Chair: Dr Leslie Lam, Head & Senior Consultant, Laboratory Medicine, Ng Teng Fong General Hospital and Jurong Community Hospital, Singapore

**11:30** Practical approach to managing out of control QC
Joanne Lee, Principal Scientific Officer, Ng Teng Fong General Hospital and Jurong Community Hospital, Singapore

**12:00** LUNCH BREAK

**13:00** Endogenous antibody interferences in the chemistry laboratory: Trouble from the inside
Sutirtha Chakraborty, Chief of Clinical Biochemistry and Consultant, Peerless Hospital & B K Roy Research Centre, Kolkata, India

**13:30** How to optimise criteria for microscopic review of urinalysis
Dr Kanit Reesukumal, A/Prof, Clinical Pathology, Siriraj Hospital, Bangkok, Thailand

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Dr Chalisa Louicharoen Cheepsunthorn, Instructor, Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

**15:00** COFFEE BREAK

### SESSION 3:
**Moderator:** Dr Reesukumal, A/Prof, Clinical Pathology, Siriraj Hospital, Bangkok, Thailand

**15:30** Measurement uncertainty
A/Prof Yeo Chin Pin, Senior Consultant & Head, Clinical Biochemistry, Satellite Labs & Client & Specimen Management, Department of Pathology, Singapore General Hospital, Singapore

**16:00** A urologist’s perspective on lab Prostate-Specific Antigen (PSA) testing and interpretations
Dr Loke Wei Tim, Adjunct Assistant Professor, Ng Teng Fong General Hospital, Singapore

**16:30** Beta Trace Protein: Application in accurate detection of CSF leakage & precise monitoring of residual renal function
Speaker TBC

**17:00** Leveraging laboratory automation for performance and productivity
Dr Anthony O. Okorodudu, Director, Laboratory Services, Department of Pathology, University of Texas Medical Branch, Texas, Houston, USA

**17:30** Comparison of a novel quantitative and standard methods for glucose-6-phosphate dehydrogenase deficiency
Dr Chalisa Louicharoen Cheepsunthorn, Instructor, Department of Biochemistry, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

**18:00** CLOSE OF CONFERENCE
<table>
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<tr>
<th>Time</th>
<th>Session/Event</th>
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<tbody>
<tr>
<td>10:00</td>
<td>Opening remarks by Chair and Moderator: Dr Lynette Oon Lin Ean, Senior Consultant &amp; Head, Molecular Lab, Department of Pathology, Singapore General Hospital, Singapore</td>
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<tr>
<td>10:15</td>
<td>SESSION 1: MOLECULAR HAEMATO-ONCOLOGY</td>
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<td>Experience of using Next Generation Sequencing (NGS) for molecular diagnostics in a Hong Kong Hospital: Opportunities and Challenges</td>
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<td>Dr Edmond Ma, Director of Clinical &amp; Molecular Pathology, Department of Pathology, Hong Kong Sanatorium and Hospital, Hong Kong</td>
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<td>10:45  Use of molecular diagnostics in the management in lung cancer</td>
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<td>Dr Daniel Tan, Senior Consultant, Division of Medical Oncology, National Cancer Centre Singapore</td>
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<tr>
<td>11:15</td>
<td>COFFEE BREAK</td>
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<td>11:45</td>
<td>SESSION 2: MOLECULAR MICROBIOLOGY</td>
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<tr>
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<td>Next Generation Sequencing (NGS) for clinical microbiology: Has the time come for its use?</td>
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<td>Dr Lynette Oon Lin Ean, Senior Consultant &amp; Head, Molecular Lab, Department of Pathology, Singapore General Hospital, Singapore</td>
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<td>12:15  Next-Generation Sequencing for Hepatitis C virus</td>
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<td>Dr Rowena Bull, Senior Lecturer, School of Medical Sciences, The University of New South Wales, Sydney, Australia</td>
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<td>12:45</td>
<td>Next-Generation Sequencing for outbreak investigation</td>
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<td>A/Prof Ruiting Lan, Associate Professor, School of Biotechnology and Biomolecular Sciences, The University of New South Wales, Sydney, Australia</td>
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<td>13:15</td>
<td>LUNCH BREAK</td>
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<td>13:45</td>
<td>SESSION 3: UPDATES IN MOLECULAR DIAGNOSTICS</td>
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<td>Molecular and non-molecular rapid diagnostic techniques for identification of B-lactam resistance</td>
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<td>Prof Patrice Nordmann, Professor, University of Fribourg, Fribourg, Switzerland</td>
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<td>14:15</td>
<td>Commercial and regulatory perspectives</td>
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<td>Dr David Bosler, Laboratory Medicine, Cleveland Clinic, Ohio, USA</td>
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<td>14:45</td>
<td>Multiplex pathogen detection of diarrheal disease: benefits for infection control and outbreak control</td>
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<td>Dr Mark Miller, Chief Medical Officer, bioMérieux, Lyon, France</td>
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<td>15:15</td>
<td>SESSION 4: UPDATES IN MOLECULAR DIAGNOSTICS</td>
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<td>Highest sensitivity point-of-care malaria test using LAMP technology</td>
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<td>Dr Slava Elagin, Executive Vice President, Research and Product Development, Meridian Bioscience, Inc, Cincinnati, Ohio, USA</td>
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<td>15:45</td>
<td>Toward eradication of Hepatitis C: The role of virological tools</td>
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- Dr Edmond Ma, Director of Clinical & Molecular Pathology, Department of Pathology, Hong Kong Sanatorium and Hospital, Hong Kong
- Dr Mark Miller, Chief Medical Officer, bioMérieux, Lyon, France
- Prof Patrice Nordmann, Professor, University of Fribourg, Fribourg, Switzerland
- Dr Rowena Bull, Senior Lecturer, School of Medical Sciences, The University of New South Wales, Sydney, Australia
- A/Prof Ruiting Lan, Associate Professor, School of Biotechnology and Biomolecular Sciences, The University of New South Wales, Sydney, Australia
- Dr Slava Elagin, Executive Vice President, Research and Product Development, Meridian Bioscience, Inc, Cincinnati, Ohio, USA
13:45 Opening remarks by the chair and moderator:
Dr Aw Tar Choon, Professor and Chemical Pathologist, Dept of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore

14:00 High sensitivity cardiac troponins: Assay to application
Asst Prof Calvin Chin Woon Loong, Consultant, Cardiology Department, National Heart Centre, Singapore

14:30 Interpretation of sensitive and High Sensitive Troponin assays: New guidelines for the management of NSTE-ACS patients
Dr David Gaze, Lecturer in Clinical Biochemistry, University of Westminster, London, UK

15:00 COFFEE BREAK

15:30 Natriuretic peptides in heart failure: clinical utility and important challenges laboratories need to be aware of
Dr Fernando Chavez, Global Head of Medical, Clinical & Scientific Affairs, Ortho Clinical Diagnostics, New Jersey, USA

16:00 Cardiovascular genomics/ molecular diagnostics
Dr Zhou Zhou, Professor and Director, Center of Laboratory Medicine; Director, Beijing Key Laboratory for Molecular Diagnostics of Cardiovascular Disease, Beijing, China

16:30 CLOSE OF CONFERENCE

Conference Chair:
Dr Aw Tar Choon, Professor and Chemical Pathologist, Dept of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore

Speaker Faculty:
Asst Prof Calvin Chin Woon Loong, Consultant, Cardiology Department, National Heart Centre, Singapore

Dr David Gaze, Lecturer in Clinical Biochemistry, University of Westminster, London, UK

Dr Fernando Chavez, Global Head of Medical, Clinical & Scientific Affairs, Ortho Clinical Diagnostics, New Jersey, USA

Dr Zhou Zhou, Professor and Director, Center of Laboratory Medicine; Director, Beijing Key Laboratory for Molecular Diagnostics of Cardiovascular Disease, Beijing, China
DAY 3

HAEMATOLOGY

09:50 Opening remarks by Conference Chair and moderator: A/Prof Ponnudurai Kuperan, Senior Consultant, Department of Haematology, Tan Tock Seng Hospital, Singapore

10:00 Quality assurance in haematology: What are the challenges
Dr John Sioufi, Haematology and Transfusion Quality Assurance Manager, Royal College of Pathologists of Australasia, Australia

10:30 Revised 2016 WHO classification of Lymphoid Neoplasms
A/Prof Tan Soo Yong, Head, Department of Pathology, National University of Singapore, Singapore

11:00 Thinking outside the plot: Advances in the flow data analysis in the diagnosis of Lymphoid Neoplasms
Dr Lee Shir Ying, Consultant, Department of Haematology/ Medical Oncology, National University Hospital System, Singapore

11:30 Clinical utility of Ret-He and clinical cases study
Dr Restu Kurnia Tjahjan, Hospital Director, RSUD Prof Dr Saiful Anwar Malang, Indonesia

12:00 LUNCH BREAK

13:00 Understanding Epstein Barr Virus - Driven B – Lymphoproliferations: Thinking like the EBV
Dr Leonard Tan Hwan Cheong, Senior Consultant, Department of Pathology, Singapore General Hospital, Singapore

13:30 Minimal Residual disease in Myeloma
Prof Chng Wee Joo, Director, National University Cancer Institute; National University Health System, Singapore

14:00 The evolving molecular haematology service
Dr Benedict Yan, Deputy Director, Molecular Diagnostic Centre, National University Hospital, Singapore

14:30 Pathogenesis of and prevention thrombosis at high altitude: results of systematic research
Dr Prof Jyoti Kotwal, Professor & Senior Consultant, Dept of Hematology, Sir Gangaram Hospital, New Delhi, India

15:00 COFFEE BREAK

15:30 Approach to abnormal coagulation screening results in the day to day clinical practice
Dr Hemalatha Shanmugam, Head, Laboratory Division, University of Malaya Medical Centre, Kuala Lumpur, Malaysia

16:00 Transfusion support for transplant patients
Dr Tan Lip Kun, Senior Consultant, Dept of Haematology and Laboratory Medicine, National University Hospital, Singapore

16:30 Microscopic or Automated? Consideration on NRBC and PLT Count
A/Prof Chutitorn Ketloy, Assistant Professor, Department of Laboratory Medicine Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

17:00 Defining the future of transfusion medicine
Dr Kifah Shahin, Lead Network Discipline Scientist for Transfusion, NSW Pathology West, Australia

17:30 CLOSE OF CONFERENCE

Conference Chair:
A/Prof Ponnudurai Kuperan, Senior Consultant, Department of Haematology, Tan Tock Seng Hospital, Singapore

Speaker Faculty:
Dr Benedict Yan, Deputy Director, Molecular Diagnostic Centre, National University Hospital, Singapore
Prof Chng Wee Joo, Director, National University Cancer Institute; National University Health System, Singapore
A/Prof Chutitorn Ketloy, Assistant Professor, Department of Laboratory Medicine Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
Dr Hemalatha Shanmugam, Head, Laboratory Division, University of Malaya Medical Centre, Kuala Lumpur, Malaysia
Dr John Sioufi, Haematology & Transfusion Quality Assurance manager, Royal College of Pathologists of Australasia, Australia
Dr Prof Jyoti Kotwal, Professor & Senior Consultant, Dept of Hematology, Sir Gangaram Hospital, New Delhi, India
Dr Kifah Shahin, Lead Network Discipline Scientist for Transfusion, NSW Pathology West, Australia
Dr Lee Shir Ying, Consultant, Dept of Haematology/ Medical Oncology, National University Hospital System, Singapore
Dr Leonard Tan Hwan Cheong, Senior Consultant, Department of Pathology, Singapore General Hospital, Singapore
Dr Restu Kurnia Tjahjan, Hospital Director, RSUD Prof Dr Saiful Anwar Malang, Indonesia
Dr Tan Lip Kun, Senior Consultant, Dept of Haematology and Laboratory Medicine, National University Hospital, Singapore
A/ Prof Tan Soo Yong, Head, Dept of Pathology, National University of Singapore, Singapore
09:50 Opening remarks by Conference Chair: Dr Daniel Tan, Medical Director and Consultant Radiation Oncologist, Asian American Radiation Oncology, Gleneagles Hospital, Singapore

SESSION 1: TREATMENT OF COLORECTAL CANCER IN 2017
Moderator: Dr Daniel Tan, Medical Director and Consultant Radiation Oncologist, Asian American Radiation Oncology, Gleneagles Hospital, Singapore
10:00 Colorectal cancer surgery: state of the art
Dr Lai Jiunn Herng, Consultant Colorectal Surgeon, LAI Endoscopy & Colorectal Surgery, Mount Elizabeth Medical Centre, Singapore

10:20 Neoadjuvant treatment strategies in rectal Cancer: Updates from GI ASCO
Dr David Tan, Consultant Radiation Oncologist, National Cancer Centre, Singapore

10:40 Beyond first line therapy for metastatic colorectal cancer
Dr John Low Seng Hui, Consultant Clinical Oncologist, Pantai Hospital, Kuala Lumpur, Malaysia

SESSION 2: GENOMICS, RADIOPHARMACEUTICALS AND IMMUNOTHERAPY
Moderator: Dr Jonathan Teh, Consultant Radiation Oncologist, National Cancer Centre, Singapore
11:00 Genomics of colorectal cancer
Dr Iain Tan, Consultant Medical Oncologist, National Cancer Centre, Singapore

11:20 PRRT for neuroendocrine gastrointestinal tumours
Dr Kelvin Loke, Senior Consultant, Department of Nuclear Medicine and PET, Singapore General Hospital, Singapore

11:40 Immunotherapy in GI cancers
Dr Thomas Soh, Consultant Medical Oncologist, Oncocare Cancer Centre, Singapore

12:00 LUNCH BREAK

SESSION 3: UPDATES IN MANAGEMENT OF UPPER GI TUMOURS
Moderator: Dr Kevin Chua, Assoc Consultant, Division of Radiation Oncology, National Cancer Centre, Singapore

13:00 Latest approach to neoadjuvant therapy for Oesophageal Cancer
Dr Jonathan Teh, Consultant Radiation Oncologist, National Cancer Centre, Singapore

13:20 Advances in management of biliary tract cancer
Dr David Tai, Consultant in Gastrointestinal Cancer Service, Division of Medical Oncology, National Cancer Centre, Singapore

13:40 Integrating radiotherapy into the treatment of pancreatic cancer
Dr Daniel Tan, Medical Director and Consultant Radiation Oncologist, Asian American Radiation Oncology, Gleneagles Hospital, Singapore

SESSION 4: HEPATOCELLULAR CARCINOMA – THE ASIAN PERSPECTIVE
14:00 Updates on imaging in Hepatocellular Carcinoma
Dr Tan Cher Heng, Senior Consultant, Diagnostic Radiology, Tan Tock Seng Hospital, Singapore

14:20 Management of Hepatocellular Carcinoma in 2017
Dr Lee Kang Hoe, Senior Consultant, Asian American Liver Centre, Singapore

14:40 Proton Beam Therapy for Hepatocellular Carcinoma
Dr Masayuki Araya, Division Head, Proton Therapy Center, Aizawa Hospital, Japan

15:00 Clinical utility of PIVKA II in management of Hepatocellular Carcinoma
Dr Tee Hoi Poh, Consultant Gastroenterologist, Hospital Tengku Ampuan Afzan, Kuantan, Pahang, Malaysia

15:20 COFFEE BREAK

16:00 The OncoBeamTM Platform: The use of a high sensitive technology for liquid biopsies in clinical practice
Vishal Sikri, VP Commercial Operations, Sysmex, Baltimore, Maryland, USA

16:30 CLOSE OF CONFERENCE
RESEARCH AND DEVELOPMENT

DAY 3

WEDNESDAY, 5 APRIL 2017

10:15  Opening remarks by the Chair:
Dr John Connolly, Adjunct
Associate Professor (Baylor
University), Director
(Translational Immunology),
Institute of Molecular and Cell
Biology, Singapore

SESSION 1

10:30  Combination of gene therapy
with cell therapy: the new era of
cancer immunotherapy
Masataka Suzuki, Assistant
Professor, Center for Gene Therapy,
Baylor College of Medicine,
Houston, Texas USA

11:00  Developing humanized mouse
models for the study of human
specific diseases and drug
discovery
Qingfeng Chen, Principal
Investigator, Institute of Molecular
and Cell Biology, A*Star, Singapore

11:30  COFFEE BREAK

SESSION 2

12:15  Development of novel anti-
cancer therapeutic agents
Dr David Tan Shao Peng,
Consultant, Department of
Haematology-Oncology, National
University Cancer Institute,
Singapore

12:45  Translational ‘omic biomarker
discovery and validation:
a Manchester pipeline and
perspective
Prof Paul A. Townsend, Associate
Dean, Faculty of Biology, Medicine
and Health, Professor of Molecular
Cell Biology, University of
Manchester, Manchester, UK

13:15  LUNCH BREAK

SESSION 3

14:45  Developing immune therapeutic
strategies for treating chronic
HBV infection
Dr Antonio Bertoletti, Professor,
Emerging Infectious Disease Programme,
Research Director – Vial Hepatitis,
Singapore Institute for Clinical
Sciences, A*Star, Singapore

15:15  Innovations on biomedical
science R&D and the
manufacturing of biologics and
stem cells
Dr John Connolly, Adjunct Associate
Professor (Baylor University),
Director (Translational Immunology),
Institute of Molecular and Cell
Biology, Singapore

SESSION 4

15:45  Health economics and outcomes
research
To be confirmed

16:15  END OF CONFERENCE

Conference Chair:
Dr John Connolly, Adjunct Associate
Professor (Baylor University), Director
(Translational Immunology), Institute of
Molecular and Cell Biology, Singapore

Speaker Faculty:
Dr Antonio Bertoletti, Professor,
Emerging Infectious Disease Programme
Research Director – Vial Hepatitis,
Singapore Institute for Clinical
Sciences, A*Star, Singapore

Dr David Tan Shao Peng, Consultant,
Department of Haematology-Oncology,
National University Cancer Institute,
Singapore

Masataka Suzuki, Assistant Professor,
Center for Gene Therapy, Baylor College
of Medicine, Houston, Texas USA

Prof Paul A. Townsend, Associate Dean,
Faculty of Biology, Medicine and Health
Professor of Molecular Cell Biology,
University of Manchester, Manchester,
UK

Qingfeng Chen, Principal Investigator,
Institute of Molecular and Cell Biology,
A*Star, Singapore
OBS GYNE AND WOMEN’S HEALTH

DAY 3

WEDNESDAY, 5 APRIL 2017

09:50 Opening Remarks by the Chair and Moderator:
Dr Clement K.M. Ho, Consultant Chemical Pathologist, Department of Pathology and Laboratory Medicine, KK Women’s and Children’s Hospital, Singapore

10:00 Pre-eclampsia and PIgf-based testing
Prof Tan Kok Hian, Head and Senior Consultant, Perinatal Audit & Epidemiology Unit, Department of Maternal Fetal Medicine, KK Women’s and Children’s Hospital, Singapore

10:30 Thyroid function testing in pregnancy
Dr Clement K.M. Ho, Consultant Chemical Pathologist, Department of Pathology and Laboratory Medicine, KK Women’s and Children’s Hospital, Singapore

11:00 COFFEE BREAK

11:30 Prenatal diagnosis for thalassaemia
Dr Tan Yuen Ming, Principal Scientist, DNA Diagnostic and Research Laboratory, KK Women’s and Children’s Hospital, Singapore

12:00 Updates of anti-Müllerian hormone (AMH) assessment in reproductive health
Dr Farid Hadi, Regional Medical and Scientific Manager, Asia-Pacific, Roche Diagnostics Asia Pacific, Singapore

13:00 CLOSE OF CONFERENCE

Conference Chair:
Dr Clement K.M. Ho, Consultant Chemical Pathologist, Department of Pathology and Laboratory Medicine, KK Women’s and Children’s Hospital, Singapore

Speaker Faculty:
Dr Farid Hadi, Regional Medical and Scientific Manager, Asia-Pacific, Roche Diagnostics Asia Pacific, Singapore

Prof Tan Kok Hian, Head and Senior Consultant, Perinatal Audit & Epidemiology Unit, Department of Maternal Fetal Medicine, KK Women’s and Children’s Hospital, Singapore

Dr Tan Yuen Ming, Principal Scientist, DNA Diagnostic and Research Laboratory, KK Women’s and Children’s Hospital, Singapore
13:45 Opening remarks by the Chair
Dr Aw Tar Choon, Professor and Chemical Pathologist, Department of Laboratory Medicine, Changi Hospital, Fellow, Academy of Medicine, Singapore

14:00 Setting up an effective POCT program
Dr Anthony Killeen, Professor and Vice-Chair for Clinical Affairs, Dept. of Laboratory Medicine & Pathology, University of Minnesota, Minneapolis, Minnesota, USA

14:30 POCT management and accreditation
Dr Cameron Martin, Coordinator, State-Wide Point of Care Testing, Health Support Queensland Department of Health, Queensland Government, Herston, Queensland, Australia

15:00 COFFEE BREAK

15:30 Best quality management practices in POCT: POCT accreditation
Dr Anthony Killeen, Professor and Vice-Chair for Clinical Affairs, Dept. of Laboratory Medicine & Pathology, University of Minnesota, Minneapolis, Minnesota, USA

16:00 Point-of-Care Testing management in the hospital
Speaker TBC

16:30 CLOSE OF CONFERENCE
2017 FEATURES

New Venue:
At SUNTEC, the exhibition will expand further to 6,000m² to meet the growing demand for exhibition space and allow more companies to reach the targeted audience of IVD industry professionals.

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- If you are unable to attend, a substitute delegate will be welcome in your place. If this is not suitable, a 50% service charge will be payable. Registrations canceled less than 14 days before the event will not be refunded.

- Due to unforeseen circumstances, the programme may change and Informa Exhibitions reserves the right to alter the venue and/or speakers.

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