



ISBT INDONESIA 2015

26th Regional
Congress of the
ISBT

November 14 - 16, 2015
Bali, Indonesia

Final
Programme



International Society
of Blood Transfusion

in conjunction with the 6th Annual
Conference of The Indonesian Society
of Transfusion Medicine

26th Regional Congress
of the International Society
of Blood Transfusion,
Bali, Indonesia
November 14 - 16, 2015

ISBT INDONESIA 2015



in conjunction with the 6th Annual
Conference of The Indonesian Society
of Transfusion Medicine

Acknowledgements

Corporate Partners

ISBT is pleased to acknowledge the following Corporate Partners

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Word of Welcome Congress President

Dear Friends and Colleagues,

On behalf of the Organising Committee, it is my pleasure to welcome you to the 26th Regional Congress of the ISBT in Bali, Indonesia, which is being held in conjunction with the 6th Annual Conference of the Indonesian Society of Transfusion Medicine from November 14 - 16, 2015.

The Scientific Programme of the congress covers topics relevant to the Asian region, including Clinical Transfusion Practice, Laboratory Aspects of Transfusion; Donors and Donations; Immunobiology; Reducing Transfusion Risks and Management and Organisation of Blood Services including Regulatory Aspects. The Social Programme gives you a chance to connect with your colleagues in an informal setting while you enjoy the best of the Indonesian culture!

The Congress takes place at the Bali International Convention Centre which is conveniently located near a variety of hotels and the Nusa Dua beach. Kuta, Legian, and Seminyak beaches are just 20 minutes away.

Next to the fact that Nusa Dua is home to the Bali International Convention Centre, it also has the most popular golf course in Bali. But what Nusa Dua is most renowned for are its beaches. Perfect for swimming or other water activities. And those who would like to do cultural things might want to visit the Pasifika Museum which houses over 600 paintings.



Thank you for accepting our invitation to join us in Bali. I am sure you will have a memorable and enjoyable Congress and I look forward to meeting you.

Yuyun SM Soedarmono
Congress President

Word of Welcome ISBT President

Dear Colleagues,

I am thrilled to welcome you to Bali, Indonesia, for the 26th Regional Congress of the ISBT. As you will notice, the programme is a combination of educational and scientific symposia distributed among numerous plenary sessions and parallel sessions. The scientific programme starts with a half day organised by Indonesian Society of Transfusion Medicine. The scientific committee has focused on Asia and includes many regional speakers. The topics range from clinical aspects of transfusion medicine, donors and donation, to immunohaematology and transfusion transmitted infectious diseases.

The organisation of a successful congress involves input from many people and many organisations. Particular thanks go to the congress President, Yuyun SM Soedarmono, from the Directorate for Blood Services of the Ministry of Health of Indonesia. She was previously the Director of the Central Blood Transfusion Services of the Indonesian Red Cross. I also want to recognize the contribution of the local organising committee (listed in this programme) and of MCI Amsterdam the professional congress organiser. The support and participation of industry is a key to success of the Congress and I would like to take this opportunity to thank the sponsors and exhibitors, and particularly the ISBT Corporate partners whose on-going backing is crucial to the success of the society and its members.

Lastly, special thanks and welcome to all of the delegates. This Congress provides a unique environment to meet colleagues and friends, to exchange experiences, and most importantly, to create memories and to help change the way we see and practice transfusion medicine.



Thank you for being here! Let us enjoy together the warm Indonesian welcome and hospitality.

Celso Bianco
President, ISBT

Future ISBT Congresses

34th International Congress of the ISBT, Dubai, United Arab Emirates September 3 - 8, 2016

27th Regional Congress of the ISBT, Copenhagen, Denmark June 17 - 21, 2017

28th Regional Congress of the ISBT, Guangzhou, China, November 18 - 27, 2017

Website

Up-to-date information regarding the ISBT congress programme is available on the ISBT website:

www.isbtweb.org

Committees

ISBT Executive Committee

| | |
|--------------------|----------------------------------------|
| President: | Celso Bianco (2014 - 2016) |
| President-Elect: | Vengetassen (Ravi) Reddy (2014 - 2016) |
| Vice President: | Diana Teo (2012 - 2016) |
| Vice President: | Erica Wood (2014 - 2018) |
| Past President: | Peter Flanagan (2014 - 2018) |
| Secretary General: | Roger Dodd (2014 - 2018) |
| Treasurer: | Steve Morgan (2012 - 2016) |

ISBT Board of Directors

| | |
|-----------------------|-------------------------------------------|
| Africa | Bridon Mbaya (2012 - 2016) |
| Northern Americas | Richard Benjamin (2014 - 2018) |
| Southern Americas | Ina-Noelia Pérez-Huaynalaya (2014 - 2018) |
| Eastern Mediterranean | Ahmad Gharehbaghian (2014 - 2018) |
| Europe | Miguel Lozano (2014 - 2018) |
| | Claudio Velati (2012 - 2016) |
| South East Asia | Neelam Marwaha (2012 - 2016) |
| Western Pacific | Masahiro Satake (2012 - 2016) |
| | Che-Kit Lin (2014 - 2018) |

ISBT Executive Director

Judith Chapman (The Netherlands)

ISBT Scientific Secretary

Ellen van der Schoot (The Netherlands)

Committees

Local Organising Committee

Congress President:

Chairperson:

Members:

Yuyun SM Soedarmono

Abdul Salam M. Sofro

Titis Wahyuono

Ni Ken Ritchie

Saptuti Chunaeni

Susanti

Robby Nur Aditya

A.A Sagung Mas Dwipayani

ISBT Working Party Chairpersons

Shubha Allard (United Kingdom)

Peter van den Burg (The Netherlands)

Michael Busch (USA)

Gilles Folléa (Belgium)

Lin Fung (Australia)

Mickey Koh (United Kingdom/Singapore)

Cheuk-Kwong Lee (Hong Kong)

Christine Lomas Francis (USA)

Thierry Peyrard (France)

Christian Seidl (Germany)

Sentot Santoso (Germany)

Cynthia So-Osman (The Netherlands)

Jill Storry (Sweden)

Kevin Land (USA)

Hans Vrielink (The Netherlands)

Silvano Wendel (Brazil)

Pat Distler (USA)

Reviewers

We would like to thank all reviewers for their time and efforts in reviewing the abstracts allocated to them:

| | |
|-------------------------------------|--------------------------------------------|
| Faraizah Abdul Karim (Malaysia) | Rita Fontão-Wendel (Brazil) |
| Jean Pierre Allain (United Kingdom) | Christian Gabriel (Austria) |
| Shubha Allard (United Kingdom) | Christoph Gassner (Zwitzerland) |
| Paul Ashford (USA) | Birgit Gathof (Germany) |
| Giorgio Baldanzi (Brazil) | Christof Geisen (Germany) |
| Alain Beauplet (France) | Jørgen Georgsen (Denmark) |
| Richard Benjamin (USA) | Hans Gulliksson (Sweden) |
| Nidhi Bhatnagar (India) | Kyou-Sup Han (South Korea) |
| Celso Bianco (USA) | Roslin Hassan (Malaysia) |
| Halvard Bönig (Germany) | Hans Erik Heier (Norway) |
| Anneke Brand (The Netherlands) | Åsa Hellberg (Sweden) |
| Dialina Brilhante (Portugal) | Reinhard Henschler (Zwitzerland) |
| Thierry Burnouf (Taiwan) | Hyun Ok Kim (South Korea) |
| Mike Busch (USA) | Sinyoung Kim (South Korea) |
| Jose Manuel Cardenas (Spain) | Alan Kitchen (United Kingdom) |
| Lilian Castilho (Brazil) | Mickey Koh (United Kingdom) |
| Emma Castro (Spain) | Ankie Koopman-van Gemert (The Netherlands) |
| Jean-Pierre Cazenave (France) | So-Yong Kwon (South Korea) |
| Judith Chapman (The Netherlands) | Cheuk-Kwong Lee (Hong Kong) |
| Duck Cho (South Korea) | David Leiby (USA) |
| Brian Custer (USA) | Young Ae Lim (South Korea) |
| Geoff Daniels (United Kingdom) | Chae Seung Lim (South Korea) |
| Masja de Haas (The Netherlands) | Christine Lomas-Francis (USA) |
| Wim de Kort (The Netherlands) | Abdul Salam M. Sofro (Indonesia) |
| Dirk de Korte (The Netherlands) | Neelam Marwaha (India) |
| Francine Décary (Canada) | Carl McDonald (United Kingdom) |
| Greg Dennome (USA) | Faten Moftah (Egypt) |
| Roger Dodd (USA) | Rainer Moog (Germany) |
| Anne Eder (USA) | Charles Munk (Zwitzerland) |
| Magdy El-Ekiaby (Egypt) | Mario Muon (Portugal) |
| Helen Faddy (Australia) | MikeMurphy (United Kingdom) |
| PeterFlanagan (New Zealand) | Sandra Nance (USA) |
| Gilles Folléa (France) | Fatima Nascimento (Portugal) |

Reviewers

Marcia Novaretti (Brazil)
Martin Olsson (Sweden)
Kyoung Un Park (South Korea)
Arturo Pereira (Spain)
Thierry Peyrard (France)
Patrick Provost (Canada)
Ravi Reddy (South Africa)
Maria Rios (USA)
Ritchie Ni Ken (Indonesia)
Pierre Robillard (Canada)
Julieta Rojo Medina (Mexico)
Sentot Santoso (Germany)
Rajesh Sawant (India)
Michael Schmidt (Germany)
Clive Seed (Australia)
Erhard Seifried (Germany)
Luc Sensebé (France)
Martin Smid (The Netherlands)
Yuyun Soedarmono (Indonesia)
Cynthia So-Osman (The Netherlands)
Jill Storry (Sweden)
Susan Stramer (USA)
Cecilia Tan (Singapore)
Agneta Taune Wikman (Sweden)
Diana Teo (Singapore)
Dafydd Thomas (USA)
Kjell Titlestad (Denmark)
Nelson Tsuno (Japan)
Leo van de Watering (The Netherlands)
Peter van den Burg (The Netherlands)
Pieter van der Meer (The Netherlands)
Ellen van der Schoot (The Netherlands)
Dianne van der Wal (The Netherlands)
Marian van Kraaij (The Netherlands)
Hans Vrielink (The Netherlands)

Tomislav Vuk (Croatia)
Jonathan Wallis (United Kingdom)
Silvano Wendel (Brazil)
Erica Wood (Australia)
Fumiichiro Yamamoto (Spain)
Hasan Zaheer (Pakistan)

Congress Organisers

ISBT

For more information about ISBT, please contact:

ISBT Central Office

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F +31 20 7601 761
W: www.isbtweb.org
E: office@isbtweb.org

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Jan van Goyenkade 11
1075 HP Amsterdam
The Netherlands
T +31 20 6793 411
F +31 20 6737 306
Congress E: Indonesia@isbtweb.org
Registration E: ISBTregistration@mci-group.com

Local Travel Agent & Housing Agency

c/o Bali Discovery Events
Komp. Pertokoan Sanur Raya No. 27A
Jalan By Pass Ngurah Rai, Sanur
Bali 80227, Indonesia
P: +62 361 286 283
E: Indonesia@isbtweb.org

Congress Venue

Bali International Convention Centre (BICC)
Westin Resort Nusa Dua, Bali, Indonesia
Kawasan Pariwisata Nusa Dua,
BTDC Lot N-3 · Bali,
Bali, 80363
Indonesia
P: +62 361 771 906
W: www.westinnusaduabali.com

About ISBT

The International Society of Blood Transfusion (ISBT) is a scientific society that was founded in 1935. Since that time the ISBT has grown in to an international society where transfusion medicine professionals from across the globe come together and do the one thing they do best: share knowledge to improve the safety of blood transfusion worldwide.

We believe that with the power of knowledge we can improve the safety of blood transfusion worldwide. Professionals from over 110 countries already share their knowledge with this international transfusion medicine community by being a member of ISBT.

Our most important activity is to promote science and education related to blood, cells and transplantation. We have created an educational platform; the ISBT Academy ePortal.

This eLearning facility includes webcasts of ISBT congress presentations and a library of transfusion guidelines.

In addition we:

- Encourage and support the ISBT Working Parties that focus on the study of specific topics.
- Publish a scientific journal Vox Sanguinis and provide other high quality educational print and electronic material.
- Organise International and Regional congresses.
- Support and participate in regional workshops, seminars and congresses either financially or by use of the ISBT logo.
- Support professionals from low and medium development index countries financially.

ISBT membership

As a member of ISBT you are part of a dynamic international society. Being a member will give you the following benefits:

- Access to the ISBT Academy ePortal (incl. congress webcasts and presentations)
- Subscription for Vox Sanguinis (paper + online)*
- Receipt of Transfusion Today (paper + online)*
- Registration discount at ISBT congresses
- Online access to Working Party material
- Receipt of the monthly E-news

* Online access only for 35 years and under fee

Take the opportunity to connect and participate in our growing transfusion medicine community and register yourself at www.isbtweb.org. You can also visit us at our booth, which will be located just before the entrance of the exhibition area.

General Information regarding the Scientific Programme

Important Notice for Moderators and Speakers

All moderators and speakers are kindly requested to be in the session room at least 10 minutes before the beginning of the session.

Photographing and videoing during sessions is not allowed

Materials contained in ISBT Congress presentations, including slides and abstracts are protected by copyright. Any photography, filming, or audio-video recording of the presentations is strictly prohibited.

Abstracts

Abstracts are available online at the Congress website and mobile application.

ISBT Science Series

The Science Series containing the State of the Art Papers accompanying the 26th Regional congress, will be available online early next year.

Certificates of Attendance

Certificates of Attendance will be available at the Registration desk as of Sunday, November 15 at 13:00 hours.

Speaker Ready Room

The Speaker Ready Room is located at Karangasem Room on the second floor.

Speakers are requested to bring their presentations to the Speaker Ready Room on an USB stick at least 1 hour prior to their presentation time schedule. You may also bring your laptop for copying your presentation to the main computer, which will be used for sending the presentations to the different meeting rooms. Only PowerPoint presentations made in Microsoft Office XP or earlier versions will be accepted. The use of your own laptop during your presentation is NOT possible.

Opening hours of the Speaker Ready Room are as follows:

| | | |
|----------|-------------|---------------------|
| Saturday | November 14 | 07:00 - 17:00 hours |
| Sunday | November 15 | 08:00 - 17:00 hours |
| Monday | November 16 | 08:00 - 17:00 hours |

Programme changes

The organisers cannot assume liability for any changes in the programme due to external or unforeseen circumstances.

General Scientific Information

Congress General Information

Registration Hours

The registration desk, located in the lobby of the Westin Resort, Nusa Dua will be open as of Saturday, November 14:

| | | |
|----------|-------------|---------------------|
| Saturday | November 14 | 07:00 - 18:00 hours |
| Sunday | November 15 | 08:00 - 18:00 hours |
| Monday | November 16 | 08:00 - 17:30 hours |

Exhibition hours:

| | | |
|----------|-------------|---------------------|
| Saturday | November 14 | 12:30 - 18:00 hours |
| Sunday | November 15 | 09:00 - 18:00 hours |
| Monday | November 16 | 09:00 - 15:30 hours |

Services provided at desks in the Registration Area include:

| | |
|-------------------------|--------------------------------------------------------------|
| Exhibition Information: | Exhibition Desk on the ground floor |
| Lost and Found: | Registration desk |
| Social Ticket desk: | Tickets for sale at the Social Desk in the Registration Area |

Badges

All participants and accompanying persons will receive a personal badge upon registration. You are kindly requested to wear your name badge at all times, during scientific meetings and social gatherings. Only participants who are wearing their name badge will be admitted to the lecture halls.

Please note: accompanying persons and exhibitors will not be admitted to the scientific sessions. Accompanying persons do not have access to the exhibition.

Name badges have been color-coded as follows:

| | |
|----------------------|-------------|
| ISBT Member | Red |
| ISTM Member | Transparent |
| ISBT Non-Member | Transparent |
| Accompanying Persons | Yellow |
| Exhibitors | Blue |
| Press | Orange |

Coffee and tea breaks

During session-breaks coffee and tea will be served free of charge in the Exhibition area to delegates wearing their name badge.

Insurance

The congress organiser cannot accept responsibility for accidents that might occur. Delegates are encouraged to obtain travel insurance (medical, personal accident and luggage) in their home country prior to departure.

Internet

ISBT offers access to the WiFi network in the Congress related areas. To access the WiFi, select ISBT Indonesia. You will get a landing page where you need to fill in the following password: ISBT2015.

After you have accepted the terms and conditions, you will have access to the internet.

Language

The official Congress language will be English.

Lunch

Lunch is included in the registration fee and will be provided in the exhibition area and at the entrance of the meeting rooms where the Satellite Symposia will take place.

Staff

If you have any questions, the members of the congress staff, who can be recognised by their green ISBT shirts, will be very pleased to assist you. Please do not hesitate to contact them if you have any questions.

ISBT Mobile Application



A smartphone Mobile Application is available for delegates, which provides a convenient and comprehensive way to navigate through the ISBT 2015 Congress.

This application is also a way to receive and utilise industry information before, during and after the Congress.

The ISBT application features include:

- Interactive Exhibitor List
- Exhibitor Information
- Overview of Congress Programme
- Real-time Congress alerts via text messaging
- Social media interaction with live feed of Tweets including #ISBTCO
- All abstracts

This mobile application provides delegates with Congress information and allows delegates to engage with each other before, during and after the Congress.

*Please scan the QR code
to download the App*



Programme at a Glance

Saturday, November 14

| Room | Nusantara 2 | Nusantara 1 |
|---------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 08.00 - 09.45 | | S01 Indonesian Day |
| 09.45 - 10.00 | Coffee Break | |
| 10.00 - 11.45 | | S02 Indonesian Day |
| 12.00 - 12.30 | Opening Ceremony | |
| 12.30 - 14.00 | Opening of the Trade Exhibition and Welcome Lunch | |
| 14.00 - 15.30 | PL1 Plenary Session I Overcoming Resource Limitations | |
| 15.30 - 16.00 | Refreshment Break | |
| 16.00 - 17.30 | S03 Academy Session The what and how of Immunohaematology | S04 Scientific Session Scientific Advances in Blood Donation and Components |
| 17.30 - 18.30 | S05 Scientific Session Basic science in Transfusion Medicine | |
| 17.45 - 19.00 | | Satellite Symposium |

Programme at a Glance

Sunday, November 15

| Room | Nusantara 2 | Nusantara 1 |
|---------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 07:00 - 08:00 | Young Investigator Breakfast Session <i>Kayumanis Resort</i> pre registration is required | |
| 08.30 - 10.00 | PL2 Plenary Session II Immunohaematology | |
| 10.00 - 10.30 | Coffee Break | |
| 10.30 - 12.00 | S06 Academy Session The what and how of Donors and Donation | S07 Scientific Session Advances in Immunohaematology |
| 12.00 - 13.30 | Lunch Break and Satellite Symposia | |
| 13.30 - 15.00 | PL3 Plenary Session III Donors, Donations and Components | |
| 15.00 - 15.30 | Refreshment Break | |
| 15.30 - 17.00 | S08 Academy Session The what and how of Blood Transfusion Safety | S09 Scientific Session New Perspectives in Blood Systems and Organisations |
| 17.00 - 18.00 | Poster Session <i>Nusantara Foyer</i> | |
| 19:00 - 22:00 | Congress Party <i>Mangupura Room (BICC)</i> | |

Programme at a Glance

Monday, November 16

| Room | Nusantara 2 | Nusantara 1 |
|---------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 08.30 - 10.00 | PL4 Plenary Session IV All about Transfusion Transmitted Infectious Diseases | |
| 10.00 - 10.30 | Coffee Break | |
| 10.30 - 12.00 | S10 Academy Session The what and how of Blood Components | S11 Scientific Session Advances in Blood Safety |
| 12.00 - 13.30 | Lunch Break and Satellite Symposia | |
| 13.30 - 15.00 | S12 Academy Session The what and how of Organisation and Blood Supply Management | S13 Scientific Session Advances in Clinical Transfusion |
| 15.00 - 15.30 | Refreshment Break | |
| 15.30 - 17.00 | PL5 Plenary Session V Clinical Transfusion Updates | |
| 17.00 - 17.15 | Closing Ceremony | |

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Saturday November 14

08:00 - 09:45

Room: Nusantara 1

Indonesian half day

Moderator: A. Salam M. Sofro (Indonesia)

- | | |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00 - 08:15 | Opening |
| 08:15 - 08:40 1A-S01-01 | GMP VS ISO IN A BLOOD ESTABLISHMENT <u>V.A. Armstrong</u> Vee Armstrong Quality and Regulatory Consultant, Perth, Australia |
| 08:40 - 09:05 1A-S01-02 | ROLE OF NATIONAL BLOOD CENTRE IN THE COUNTRY WITH MIXED SYSTEM OF BLOOD SERVICES <u>U. Charoonruangrit</u> National Blood Centre, the Thai Red Cross Society, Bangkok, Thailand |
| 09:05 - 09:30 1A-S01-03 | CONSOLIDATION OF LABORATORIES FOR BLOOD TESTING <u>J. Chen</u> Taiwan blood services foundation, Taipei, Taiwan |
| 09:30 - 09:45 | Panel Discussion |
| 09:45 - 10:00 | Coffee break (Lounge area corridor) |

Saturday November 14

10:00 - 11:45

Room: Nusantara 1

Indonesian half day

Moderator: T. Wahyuono (Indonesia)

10:00 - 10:25

1A-S02-01

BLOOD APHAERESIS IN BEIJING

Y. Qiu

Beijing Red Cross Blood Center, Beijing, China, People's Republic of

10:25 - 10:50

1A-S02-02

HEPATITIS B UPDATE ON DIAGNOSTIC AND SCREENING TEST

M. Tedja

Indonesia

10:50 - 11:15

1A-S02-03

PLATELET ANTIBODY TESTING AS PART OF PRE-TRANSFUSION
TESTING FOR MULTI-TRANSFUSION PATIENTS WHO HAD PLATELET
REFRACTORINESS

N.K. Ritchie

Jakarta Blood Transfusion Unit, DKI Jakarta, Indonesia

11:15 - 11:30

Panel Discussion

11:30 - 11:45

Closing

12:00 - 12:30

Opening Ceremony (Nusantara 2)

12:30 - 14:00

Opening of the Trade Exhibition and Welcome Lunch (Exhibition area)

Saturday November 14

14:00 - 15:30

Room: Nusantara 2

Plenary Session:

Overcoming Resource Limitations

Moderators: A.M. Sofro (Indonesia), D. Teo (Singapore)

14:00 - 14:30

1B-PL1-01

OVERCOMING RESOURCE LIMITATIONS OF BLOOD SERVICES IN INDONESIA

Y. Soedarmono

Ministry of Health of Indonesia, Jakarta, Indonesia

14:30 - 15:00

1B-PL1-02

OVERCOMING RESOURCE LIMITATION IN MYANMAR

T. Aung, I. Nozaki

Government, Yangon, Myanmar, Burma

15:00 - 15:30

1B-PL1-03

OVERCOMING RESOURCE LIMITATIONS IN PAPUA NEW GUINEA

M.L. Mathias

National Blood Service, National Capital District, Papua New Guinea

15:30 - 16:00

Refreshment Break

Saturday November 14

16:00 - 17:30

Room: Nusantara 2

Academy Session:

The what and how of Immunohaematology

Moderators: R. Syafitri (Indonesia), N. Marwaha (India)

16:00 - 16:30

1C-S03-01

MOLECULAR APPLICATIONS IN ROUTINE TRANSFUSION TESTING

C.E. van der Schoot, B. Veldhuisen, L Haer-Wigman, M. de Haas
Sanquin Research, Amsterdam, The Netherlands

16:30 - 17:00

1C-S03-02

HOW DO WE APPROACH DILEMMAS IN RED CELL TESTING?

V.S. Nadarajan
University Malaya, Kuala Lumpur, Malaysia

17:00 - 17:30

1C-S03-03

HOW DO WE MANAGE PATIENTS WITH RARE BLOOD TYPES

Z. Zhu
Shanghai Blood Center, Shanghai, China

Saturday November 14

16:00 - 17:30

Room: Nusantara 1

Scientific Advances in Blood Donation and Components

Moderators: N.K. Ritchie (Indonesia), U. Charoonruangrit (Thailand)

16:00 - 16:20

1C-S04-01

APPLYING BEHAVIOUR CHANGE THEORY TO BLOOD DONOR
RECRUITMENT AND RETENTION

C. Tan

Singapore Red Cross, Singapore, Singapore

16:20 - 16:35

1C-S04-02

PROMOTION OF BLOOD DONATION PROGRAMS DURING FASTING
MONTH BY PARTICIPATION OF GROUP DONATION IN TANGERANG
BLOOD CENTRE

F. Fitri, F. Femi, I. Ismi, D. David

Tangerang Blood Centre, Tangerang, Indonesia

16:35 - 16:55

1C-S04-03

NEW DEVELOPMENTS IN PLASMA DERIVATIVES PRODUCTION

T. Burnouf

Taipei Medical University, Taipei, Taiwan

16:55 - 17:15

1C-S04-04

THERAPEUTIC APHERESIS

T. Triyono

Faculty of Medicine, Gadjah Mada University/ Sardjito Hospital,
Yogyakarta, Indonesia

17:15 - 17:30

1C-S04-05

THE EFFECTS OF 22°C AND 4°C STORAGE OF PLATELETS ON
VASCULAR ENDOTHELIAL INTEGRITY IN VITRO AND IN VIVO

G. Baimukanova, S. Pati

BSRI, San Francisco, United States of America

Saturday November 14

17:30 - 18:30

Room: Nusantara 2

Basic Science in Transfusion Medicine

Moderators: M.I. Armawai (Malaysia), D. van der Wal (The Netherlands)

17:30 - 17:40

1D-S05-01

A MURINE MODEL OF FOETAL/NEONATAL ALLOIMMUNE THROMBOCYTOPENIA CAUSED BY CD36 ANTIBODIES

X. Xu, X. Ye, W. Xia, D. Chen, S. Santoso
Guangzhou Blood Center, Guangzhou, China

17:40 - 17:50

1D-S05-02

DEGLYCOSYLATED HUMAN MONOCLONAL ANTIBODY AGAINST HPA-1A PREVENTS PLATELET CLEARANCE AND ENDOTHELIAL DYSFUNCTION MEDIATED BY ANTI-HPA-1A ALLOANTIBODIES

H. Wihadmadyatami, T. Bakchoul, B. Bayat, M. Burg-Roderfeld, S. Werth, C. Ruan, W. Mingwang, G. Bein, U.J. Sachs, S. Santoso
Faculty of Veterinary Medicine Universitas Gadjah Mada, Yogyakarta, Indonesia

17:50 - 18:00

1D-S05-03

MICRORNA EXPRESSION PROFILES AND TARGET GENE ANALYSIS IDENTIFIED A NOVEL MIRNA REGULATOR OF OK/BSG

L.Y. Ye, S.S. Han, F.Y. Zhao, Q.X. Yang, Z.Y. Zhu
Shanghai Blood Center, Shanghai, China

18:00 - 18:10

1D-S05-04

ANTIGEN-DECORATED ENGINEERED RED BLOOD CELLS AS A NOVEL IMMUNE TOLERANCE-INDUCING AGENT

N. Pishesha, A. Bilate, M.C. Wibowo, H.L. Ploegh, H.F. Lodish
Massachusetts Institute of Technology/Whitehead Institute for Biomedical Research, Cambridge, United States of America

18:10 - 18:20

1D-S05-05

CRITICAL ROLE OF TGF- β 1 IN EXPANDING HUMAN NATURAL REGULATORY T CELLS AND STABILIZING NTREGS UNDER INFLAMMATORY CONDITIONS

J. Sun, B.B. Zhu, Y.M. Yang, J. Yang, X.Y. Jiang, R.F. Xie, L. Gao, H.H. Fan
Shanghai Blood Center, Shanghai, China

18:20 - 18:30

Overall Discussion

Saturday, November 14

17.45-18.45

Nusantara 1 (capacity 250 pax)

Sysmex Asia Pacific Pte. Ltd.

Ms. Carol Low

Innovation in Immunology Testing

17:45 - 18:15 Analytical Performance of HISCL series

Speakers: Dr. Sonu Bhatnagar, Scientific Affairs

Manager & Derek Goh, Regional Marketing

Manager

18:15 - 18:45 The St. Luke's Medical Center Blood Bank and
Transfusion Service Experience

Speaker: Dr. Ernesto Datu, St. Luke Medical Center,
Philippines

Sunday November 15

07.00 - 08.15

Kayumanis Resort

Young Investigator Breakfast Session

(Pre Registration required)

The Young Investigator Breakfast session is a breakfast for young investigators/early career scientists who are under 40. During the session work is discussed including successes, failures and challenges with peers and selected experts in the field of transfusion medicine.

Sunday November 15

08:30 - 10:00

Room: Nusantara 2

Plenary Session: **Immunhaematology**

*Moderators: T. Triyono (Indonesia), E. van der Schoot
(The Netherlands)*

08:30 - 09:00

2A-PL2-01

WHY BLOOD GROUP O PROTECTS YOU AGAINST MALARIA

M.L. Olsson

Lund University, Lund, Sweden

09:00 - 09:30

2A-PL2-02

RARE BLOOD TYPES IN THE ASIA PACIFIC REGION

Y. Tani

Japanese Red Cross Kinki Block Blood Center, Ibaraki, Japan

09:30 - 10:00

2A-PL2-03

THE EVOLVING ROLE OF PLATELET ANTIGENS AND ANTIBODIES

S. Santoso

Clinical Immunology and Transfusion Medicine, Giessen, Germany

10:00 - 10:30

Coffee Break

Sunday November 15

10:30 - 12:00

Room: Nusantara 2

Academy Session:

The what and how of Donors and Donation

Moderator: C.K. Lee (Hong Kong)

10:30 - 11:00

2B-S06-01

PLANNING DONOR RECRUITMENT STRATEGIES WITH AN EYE ON THE FUTURE

M. Satake

Japanese Red Cross, Tokyo, Japan

11:00 - 11:30

2B-S06-02

CHOOSING THE RIGHT CRITERIA FOR DONOR HEALTH AND SAFETY

N. Ishak

Malaysia

11:30 - 12:00

2B-S06-03

ADVANCES IN BLOOD STORAGE BAGS AND PRESERVATIVE SOLUTIONS

W.C. Tsoi

Hong Kong Red Cross Blood Transfusion Service, Hong Kong, China

Sunday November 15

10:30 - 12:00

Room: Nusantara 1

Advances in Immunohaematology

Moderators: S. Santoso (Germany), J. Storry (Sweden)

10:30 - 10:50

2B-S07-01

RED BLOOD CELL GENOTYPING IN CHINA

Y.L. Ji, B. Veldhuisen, J.Z. Wen, L. Haer-Wigman, T.C. Stegmann, Z. Wang, M. Lodén, L. Wei, H. Luo, C.Y. Mo, G.P. Luo, C. E. Van der Schoot, Y.S. Fu
Guangzhou Blood Center, Guangzhou, China

10:50 - 11:10

2B-S07-02

THE RELEVANCE OF PLATELET ANTIGEN/ANTIBODIES IN MULTI ETHNIC IN MALAYSIA

M.I. Armawaj, S. Santoso
National Blood Center of Kuala Lumpur, Kuala Lumpur, Malaysia

11:10 - 11:30

2B-S07-03

GLYCOSYLATION OF ALLOANTIBODIES AGAINST BLOOD CELL ANTIGENS

C.E. van der Schoot, E. Sonneveld, R. Kapur, J. Koelewijn, M. de Haas, M. Wuhrer, G. Vidarsson
Sanquin Research, Amsterdam, The Netherlands

11:30 - 11:45

2B-S07-04

ADSORPTION OF AUTO- ANTIBODIES IN PATIENTS WITH AIHA HELPS TO DETECT MASKED ALLO- ANTIBODIES TO IMPROVE SAFETY OF BLOOD TRANSFUSION

A. Abd Elrahman
National Blood Transfusion Services, Cairo, Egypt

11:45 - 12:00

2B-S07-05

TO STUDY THE EFFICACY OF CROSS-MATCH COMPATIBLE PLATELETS IN MULTI-TRANSFUSED ALLO-IMMUNIZED HEMATOLOGY-ONCOLOGY PATIENTS REFRACTORY TO PLATELET TRANSFUSION

R.R. Sharma, A. Chavan, P. Malhotra, B. Saikia, N. Marwaha
Postgraduate Institute Medical Education & Research, Chandigarh, India

12:00 - 13:30

Lunch and Satellite Symposia

Sunday, November 15

12.15-13.15
Nusantara 1

Cerus Corporation

Ms. Tracey Kirkman

The Proactive Approach to Mitigating Infection Risk through Transfusion with Pathogen Inactivation – Global and Regional Perspectives

Dr. Laurence Corash, Chair (Cerus Corporation, United States of America)

Dr. Susan Stramer (American Red Cross Biomedical Services, United States of America)

Dr. Didier Musso (Institut Louis Malardé, Tahiti, French Polynesia)

Dr. Lakmali Morawaka (National Cancer Institute of Sri Lanka, Sri Lanka)

After over a decade in routine use, pathogen inactivation continues to be adopted as a proactive strategy for risk-reduction throughout the world. Such adoption is driven by the recognized need to address residual risk due to bacterial contamination and emerging pathogens.

This symposium will provide global perspectives on mitigating such risks. In the US, pathogen reduction has gained significant momentum with FDA approvals. The shift in the US, as well as the American Red Cross experience in addressing Chikungunya and Dengue outbreaks in the Caribbean, will be discussed. Recent experiences on the spread of arboviruses in French Polynesia, such as Zika, as well as the impact that pathogen inactivation provides, will be shared. Finally, the importance of implementing a hemovigilance program to successfully quantify and monitor risks throughout the transfusion chain, will be presented, focusing on the initial experience attained in Sri Lanka.

Sunday, November 15

12.15-13.15
Nusantara 2

Abbott Laboratories (Singapore) Ltd.

Mr. Craig Dunphy

Value-added partnerships: HIV surveillance and donor recruitment campaigns

12:15 - 12:45: Dr. Cartun Shiu – '30 years of HIV Leadership: future challenges'

12:45 - 13:15: Mr. Bart Cobb – 'Be the one: Creating a global movement to increase blood and plasma donations'.

Sunday November 15

13:30 - 15:00

Room: Nusantara 2

Plenary Session:

Donors, Donations and Components

Moderators: Y. Ayob (Malaysia), T. Aung (Myanmar)

13:30 - 14:00

2C-PL3-01

UPDATE ON DONOR RECRUITMENT AND MANAGEMENT IN A BLOOD SERVICE

C.K. Lee

Hong Kong Red Cross Blood Transfusion Service, Hong Kong, Hong Kong

14:00 - 14:30

2C-PL3-02

BAA BAA BLOOD SHEEP

Y.L. Fung, J.P. Tung

University of the Sunshine Coast, Caloundra, Australia

14:30 - 15:00

2C-PL3-03

DEVELOPMENTS IN CELL THERAPY IN THE ASIA PACIFIC REGION

M. Koh

Singapore

15:00 - 15:30

Refreshment Break

Sunday November 15

15:30 - 17:00

Room: Nusantara 2

Academy Session:

The what and how of Blood Transfusion Safety

Moderators: M. Satake (Japan), C.K. Lin (Hong Kong),

Dr. Titis (Indonesia)

15:30 - 16:00

2D-S08-01

ASSESSING THE RISK OF TRANSFUSION-TRANSMITTED EMERGING
INFECTIOUS DISEASES

B. Custer

Blood Systems Research Institute, San Francisco, United States of America

16:00 - 16:30

2D-S08-02

ROLE OF A PERFUSIONIST IN PATIENT BLOOD MANAGEMENT

S.W. Tara

National University Hospital, Singapore, Singapore

16:30 - 17:00

2D-S08-03

GETTING THE RIGHT UNIT TO THE RIGHT PATIENT - HOW CAN WE FIX
THE PROBLEM

Y. Ayob

National Heart Institute, Kajang, Selangor, Malaysia

Sunday November 15

15:30 - 17:00

Room: Nusantara 1

New Perspectives in Blood Systems and Organisations

Moderators: R.V. Reddy (South Africa), Dr. Sagung (Indonesia)

15:30 - 15:50

2D-S09-01

FIRST STEPS INTO LEAN AT THE AUSTRALIAN RED CROSS BLOOD SERVICE

G. Wilkie

Australian Red Cross Blood Service, Sydney, Australia

15:50 - 16:10

2D-S09-02

HEMOVIGILANCE AND PATIENT BLOOD MANAGEMENT: A FRESH PERSPECTIVE

C. Bianco

ISBT, Bethesda, United States of America

16:10 - 16:30

2D-S09-03

GOVERNANCE AND CLINICAL TRANSFUSION

R. Benjamin

Cerus Corporation, Concord, United States of America

16:30 - 16:45

2D-S09-04

A SUCCESSFUL AND SUSTAINED MULTI-SITE PLATELET WASTAGE MINIMISATION PROGRAM

R. Tocchetti, R. Sinha, S. Ireland, D. Roxby

SA Health / SA Pathology, Collinswood, Australia

16:45 - 17:00

Overall discussion

17:00 - 18:00

Poster Session (Nusantara Foyer)

19:00 - 22:00

Congress Party (Mangupura Room, first floor)

Monday November 16

08:30 - 10:00

Room: Nusantara 2

Plenary Session:

All about Transfusion Transmitted Infectious Diseases

Moderators: R. Dodd (USA), Y. Qiu (China)

08:30 - 09:00

3A-PL4-01

THE PROBLEM WITH HEPATITIS

M. Satake

Japanese Red Cross, Tokyo, Japan

09:00 - 09:30

3A-PL4-02

PATHOGEN REDUCTION TECHNOLOGY - IS IT TIME?

S.Y. Kwon

Seoul Nambu Blood Center, Korean Red Cross, Seoul, South-Korea

09:30 - 10:00

3A-PL4-03

THE CURRENT STATUS OF NUCLEIC ACID AMPLIFICATION
TECHNOLOGY IN TRANSFUSION TRANSMITTED INFECTIOUS DISEASE
TESTING

M. Vermeulen, N. Lelie

South African National Blood Service, Johannesburg, South Africa

10:00 - 10:30

Coffee Break

Monday November 16

10:30 - 12:00

Room: Nusantara 2

Academy Session:

The what and how of Blood Components

Moderators: R. Nuraditya (Indonesia), P. Flanagan (New Zealand)

10:30 - 11:00

3B-S10-01

AUTOMATING THE PRODUCTION OF BLOOD COMPONENTS.

M. Lozano, J. Cid

University Clinic Hospital, Barcelona, Spain

11:00 - 11:30

3B-S10-02

INTRODUCING NOVEL BLOOD COMPONENTS - PRINCIPLES AND PRACTICE

S.M. Kirwan

New Zealand Blood Service, Auckland, New Zealand

11:30 - 12:00

3B-S10-03

GMP SUPERVISION ON BLOOD ESTABLISHMENT

T.J. Hutajulu

Indonesia

Monday November 16

10:30 - 12:00

Room: Nusantara 2

Advances in Blood Safety

Moderator: K. Tadokoro (Japan), S. Stramer (USA)

10:30 - 10:50

3B-S11-01

A PRIMER ON MALARIA IN THE ASIA PACIFIC

J. Baird

Eijkman-Oxford Clinical Research Unit, Jakarta, Indonesia

10:50 - 11:10

3B-S11-02

NEW STRATEGIES FOR BACTERIAL CONTAMINATIONS

M. Schmidt, E. Seifried

German Red Cross Institute, Frankfurt, Germany

11:10 - 11:25

3B-S11-03

DEVELOPMENT OF A HIGHLY SENSITIVE DETECTION METHOD FOR BACTERIAL DNA IN BLOOD FOR TRANSFUSION

T. Yoshimasa, H. Sakata, K. Matsubayashi, S. Sato, T. Kato, S. Kino, T. Yamamoto, H. Ikeda, S. Takamoto

Japanese Red Cross Hokkaido Block Blood Center, Sapporo, Japan

11:25 - 11:45

3B-S11-04

TRANSFUSION RISK FROM EMERGING PATHOGENS IN THE ASIA-PACIFIC REGION

H.M. Faddy, E. Viennet, R. Flower

Australian Red Cross Blood Service, Brisbane, Australia

11:45 - 12:00

3B-S11-05

MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS (MERS-COV) OUTBREAK IN SOUTH KOREA: RISK MANAGEMENT AT THE KOREAN RED CROSS SEOUL NAMBU BLOOD CENTER

S.Y. Kwon, E.H. Lee, H.S. Kim, J.H. Kim, Y.O. Lim, G.R. Choi

Seoul Nambu Blood Center, Korean Red Cross, Seoul, South-Korea

12:00 - 13:30

Lunch Break and Satellite Symposia

Monday, November 16

12.15 - 13.15
Nusantara 1

Grifols (HK) Limited

Name: Ms. Jenny Jia

**Continuous Process Improvements for
Optimizing Donor Health and Patient Safety**

- | | |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12:15-12:25 | Welcome and Introduction Dr. Ria Syafitri, M. Biomed, Head of Central Blood Transfusion Services, National Blood Transfusion Services, Jakarta, Indonesia |
| 12:25-12:50 | Antibody screening, the experience in China Prof. Li Qin, Associate Medical Director, Department of Laboratory Medicine, West China Hospital of Sichuan University, Chengdu, China |
| 12:50-13:15 | The Impact of NAT in South Africa Marion Vermeulen, Senior Manager: Operational Testing, South African National Blood service, Johannesburg, South Africa |
| 13:15-13:25 | Questions and Answers |

Monday November 16

12.30 - 13:30

Room: Singaraja

Workshop “How to write a Scientific paper“

You must have signed in for the workshop to attend!

(Pre Registration is required)

Come and get tips on choosing the right material to submit and how to write your abstract/scientific paper in order to have more chance of getting it accepted. The workshop will be led by Martin Olsson.

Monday November 16

13:30 - 15:00

Room: Nusantara 2

Academy Session:

The what and how of Organisation and Blood Supply Management

Moderators: S.Y. Kwon (South Korea), J. Chapman (The Netherlands)

13:30 - 14:00

3C-S12-01

WHAT'S THE RIGHT MODEL FOR A NATIONAL BLOOD PROGRAMME?

P. Flanagan

New Zealand Blood Service, Auckland, New Zealand

14:00 - 14:30

3C-S12-02

PUTTING IN PLACE A RISK-BASED DECISION FRAMEWORK FOR BLOOD SAFETY

P.C. McDonald, ABO Alliance of Blood Operators

Alliance of Blood Operators, Melbourne, Australia

14:30 - 15:00

3C-S12-03

HAEMOVIGILANCE-SETTING UP ONE FROM NONE

N. Marwaha

Postgraduate Institute of Medical Education and Research, Chandigarh, India

Monday November 16

13:30 - 15:00

Room: Nusantara 1

Advances in Clinical Transfusion

Moderators: V. Nadarajan (Malaysia), E. Wood (Australia)

13:30 - 13:50

3C-S13-01

HAEMOGLOBINOPATHIES IN INDONESIA

I. Setianingsih

Eijkman Institute for Molecular Biology, Jakarta, Indonesia

13:50 - 14:10

3C-S13-02

OPTIMISING TRANSFUSION THERAPY IN THE CHRONICALLY TRANSFUSED PATIENTS

A.L. Ang

Health Sciences Authority, Singapore, Singapore

14:10 - 14:25

3C-S13-03

INTRODUCTION OF POINT-OF-CARE TESTING AND INTERVENTION IN THE TRANSFUSION UNIT DECREASES PERIOPERATIVE BLEEDING, SHORTENS OPERATIVE TIME AND FACILITATES APPROPRIATE DOSAGE OF BLOOD TRANSFUSIONS

C. Yamada, H. Furumaki, H. Fujihara, H. Watanabe, M. Tsuzuki, T. Shinba, M. Kaneko, H. Shibata, K. Ishizuka, Y. Hosaka, A. Takeshita

Hamamatsu University School of Medicine, Hamamatsu, Shizuoka, Japan

14:25 - 14:40

3C-S13-04

RISKS AND BENEFITS OF ANTIFIBRINOLYTIC THERAPY WITH TRANEXAMIC ACID VARY BY CARDIOVASCULAR SURGERY TYPE

Y. Kanaumi, T. Maeda, S. Seguchi, S. Kawamura, M. Kodama, T. Kawai, S. Miyata

National Cerebral and Cardiovascular Center, Suita, Japan

14:40 - 14:55

3C-S13-05

A COMPARISON OF PLATELETS TRANSFUSION PRACTICE IN DENGUE HOSPITALIZED PATIENTS DURING SEPARATE OUTBREAK YEARS - 2005 VS 2013

K.P. Myint, J. Chay

Health Sciences Authority, Singapore, Singapore

15:00 - 15:30

Refreshment Break

Monday November 16

15:30 - 17:00

Room: Nusantara 2

Plenary Session: **Clinical Transfusion Updates**

Moderators: Y. Soedarmono (Indonesia), C. Bianco (USA)

15:30 - 16:00

3D-PL5-01

UPDATE ON MANAGEMENT OF HEMOGLOBINOPATHIES AND IRON OVERLOAD: BEYOND BLOOD TRANSFUSION

V. Viprakasit

Thailand

16:00 - 16:30

3D-PL5-02

UPDATE ON INDICATIONS FOR RED CELL TRANSFUSION

A.L. Ang

Health Sciences Authority, Singapore, Singapore

16:30 - 17:00

3D-PL5-03

AN UPDATE ON INDICATIONS FOR PLATELET TRANSFUSION

E.M. Wood, G.L.Crighton, L.J. Estcourt, Z.K. McQuilten, S.J. Stanworth
Monash University, Melbourne, Australia

17:00 - 17:15

Closing Ceremony

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Posters

Poster Area

All accepted posters (publication and display) will be presented in the Nusantara Foyer on the second floor. A list of the posters on display can be found on the next page, and via the Mobile Application. The posters are set out according to the topic and the number of the abstract is displayed in the Mobile application and on the poster board.

Posters will be on display in the poster area for 3 days.

Poster Mounting

Posters can be mounted as of Saturday, November 14 at 07:00hours.

- The number of your poster can be found in the online Abstract book via the website and Mobile Application.
- Posters should be mounted with double sided tape only. Assistance and material for mounting the posters will be available from set-up time, at the poster desk in the poster area.

Opening hours Poster desk:

| | | |
|----------|-------------|---------------------|
| Saturday | November 14 | 07:00 - 17:00 hours |
| Sunday | November 15 | 08:00 - 18:00 hours |
| Monday | November 16 | 08:00 - 18:00 hours |

Poster Session

The Poster Session will be organised on Sunday November 15, from 17:00 - 18:00 hours.

All Poster authors are kindly requested to be present at their poster during the entire session.

The Poster session will be held to enable poster presenters to showcase their work. All delegates are invited to walk around the poster area to view the posters and to enter into lively and challenging discussions with the poster presenters. Snacks and drinks will be served.

Poster Material Removing

Material should be taken down on Monday, November 16 before 17:00 hours. Material that has not been taken down by the author(s) by this time will be removed and destroyed.

Responsibility for poster presentations

The ISBT and the Local Organising Committee do not assume any responsibility for material displayed on the poster boards.

Posters

1. Management and Organisation

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| 1.1 Organisational Issues | P-001 – P-003 |
| 1.2 Information Technology | P-004 – P-010 |
| 1.3 Cost/Effectiveness | P-011 – P-013 |
| 1.4 Training and Education | P-014 – P-020 |
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2. Blood Donation

| | |
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| 2.1 Blood Donor Recruitment | P-037 – P-054 |
| 2.2 Blood Collection including Apheresis | P-055 – P-061 |
| 2.3 Donor Adverse Events | P-062 – P-066 |

3. Blood Products

| | |
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| 3.1 Blood Processing, Storage and Release | P-067 – P-077 |
| 3.2 Blood Components | P-078 – P-090 |
| 3.3 Plasma Products | P-091 – P-092 |
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4. Transfusion Transmitted Infections

| | |
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| 4.1 Screening Strategies for TTI | P-101 – P-122 |
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5. Immune Haematology

| | |
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| 5.1 Red Cell Immunology: Serology | P-137 – P-158 |
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6. Clinical Transfusion

| | |
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| 6.1 Neonatal and Pediatric Transfusion | P-188 – P-190 |
| 6.2 Therapeutic Apheresis | P-191 – P-193 |
| 6.3 Evidence Based Transfusion Medicine Practice | P-194 – P-205 |
| 6.5 Adverse Events, including TRALI | P-206 – P-207 |
| 6.6 Haemovigilance and Transfusion Safety | P-208 – P-214 |

7. Cellular Therapies

| | |
|--------------------------------------------------------|---------------|
| 7.1 Stem Cell and Tissue Banking, including Cord Blood | P-215 – P-218 |
| 7.3 Clinical Applications | P-219 – P-222 |

8. Clinical Immunogenetics

| | |
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| 8.1 HLA in transfusion medicine | P-223 |
| 8.3 Histocompatibility in Organ Transplantation | P-224 – P-225 |

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General Information

Banking

The currency for Indonesia is IDR (Rp). Standard banking hours are Monday to Friday from 8:00 until 16:00 or 17:00. Some bank branches open on Saturdays (8:00 until 11:00). Banks in Indonesia usually remain open over lunch. Most hotels, restaurants and shops in Indonesia accept all major credit cards. ATM's can also be found at the airport, railway stations and all over the city centre. Please use the following site to find out the up to date exchange rate for your country: www.xe.com.

Climate

The minimum temperature in June on Bali is around 23°C with the maximum temperature reaching 31°C. Average rainfall during June is 75mm.

Dress code

Business casual is most appropriate for attending conference and business functions.

Electricity

The electricity service in Indonesia operates at 230 volts AC; 50Hz. In Bali and Indonesia you can expect the 2 pin socket and plug. Whether you are staying in a hotel or in a private villa you should be able to get an adapter if you ask for one. The pins are round, not flat or rectangular.

Medical Care

If suddenly taken ill or involved in an accident during a visit to Bali, medical treatment is available. Comprehensive insurance is advised for all nationalities. The International SOS Clinic – Kuta – and the BIMC Hospital – Kuta and Nusa Dua – are headed by American, Australian, and British doctors, thus all the doctors and nurses speak English. Immediate first aid/emergency treatment is free for all visitors, after which charges are made unless the visitor's Insurance has a reciprocal health agreement with Hospital. Please be advised that payment has to be fulfilled before leaving the hospital. Full details are available from the Department of Health.

Shopping

Shops on Bali are usually open every day of the week 10:00-23:00. For more information about shopping on Bali, please visit: <http://www.bali-indonesia.com/shopping/>.

Smoking

Strict smoking bans are enforced in all public places throughout Bali.

Water

Tap water in Bali is of uncertain quality. It is suggested to drink canned drinks or bottled water. The ice in Bali is safe, the island's ice supply is quality-controlled by the local government.

Tipping

Many hotels and restaurants services are inclusive of 21% tax. 10% is a mandatory government tax, the other 11% is a legally unenforceable service charge. Tipping is not mandatory. However, if you want to tip, provide 5-10% of the total bill. It is also not necessary to tip a taxi driver, however some drivers do not carry either coins or small notes, thus many passengers round up their bill.

Social Programme

Saturday, November 14

12.00 - 12.30 hours

Nusantara 2

Opening Ceremony

All delegates and exhibitors are welcome to attend

| | |
|----------------------|-----------------------------------------------------------------------------------|
| 12:00 - 12:05 | Welcome address by Yuyun Soedarmono, Congress President |
| 12:05 - 12:10 | Welcome address by Celso Bianco, ISBT President |
| 12:10 - 12:15 | Presentation of the Talking Stick by the ISBT President to the Congress President |
| 12:15 - 12:30 | Entertainment |
| 12:30 | All delegates are invited to proceed to the Welcome Lunch in the Exhibition area |

Saturday, November 14

12:30 - 14:00 hours

Exhibition area

Opening of the Trade Exhibition and Welcome Lunch

A welcome lunch will be served at the Exhibition area. The lunch will permit the delegates to meet old friends and colleagues and make new acquaintances during the evening while enjoying conversations. Food and drinks will be served throughout the exhibition area.

Sunday, November 15

19:00 - 22:00 hours

Mangupura Room (first floor)

Congress party

Enjoy a traditional dinner at the BICC and be part of an interactive Angklung Bamboo Music Performance! All guests will receive an Angklung bamboo musical instrument at the dinner table to take part in the performance. Please join us for this interactive musical dinner!

Transfuse



Transplant

Transform a **life**

Visit the Immucor **stand 201** to learn more about our solutions for Transfusion, Transplant and Specialty Diagnostics.

Transplant

Antibody Detection
HLA Genotyping
KIR Genotyping
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Transfusion

Traditional Reagents
Molecular Assays
Scalable Automation
Data Management System
Proprietary Technologies
Specialty Reagents

Hemostasis and Platelet Portfolio

PF4 and ADAMTS-a3
Activity Assay
ELISA assays
Proprietary Technology

Together, we bring a dedication to patient care in ensuring that patients in need of blood or organs are matched with the most compatible donor.

www.immucor.com



Together, we can transform a life

Please check the regulatory status of our products in your country with your Immucor representative

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Exhibition Information

Exhibition Information

ISBT thanks everyone joining the Exhibition held in association with the 26th Regional Congress in Indonesia. The Exhibition enhances the congress experience and visiting the different companies to talk about the products on offer helps you with business decisions. In the Exhibition area you will find 52 of the major companies working internationally who are involved with transfusion technology. The booths give the companies the opportunity to showcase their products and services. It gives you, the delegate, an opportunity to meet face to face with representatives who can share knowledge of their products and technologies with you ultimately leading you to make informed business buying decisions.

The Exhibition area is also the perfect place for you to network with colleagues from around the world during the coffee, tea and lunch breaks as all refreshments will be served in the hall.

ISBT Booth

The ISBT booth is located next to the entrance of the Exhibition area. Here you can meet the staff, find out more about the Society, become a member, get information about the library of guidelines, standards and regulatory documents, discover the e-learning portal. Information on Dubai and the Dubai World Trade Centre for the next international congress (September 3 - 8, 2016) will be available on the booth.

The ISBT and the Local Organising Committee of the 26th Regional Congress of the ISBT in conjunction with the 6th Annual Conference of the ISTM, is grateful that the following companies are willing to support the congress;

3M Industrial Business Group
 Abbott Laboratories (Singapore) Ltd.
 ACON Laboratories, Inc.
 Andreas Hettich GmbH & Co. KG
 Asahi Kasei Medical Co., Ltd.
 Ashland Inc.
 B Medical Systems (Formerly Dometic Medical Systems)
 Barkey GmbH & Co KG
 Best Theratronics
 bioMerieux
 Bio-Rad SNC
 BMS Medicaltech Co., Ltd
 Cerus Corporation
 Conroy Medical AB
 DAY Medical SA
 Demophorius Healthcare
 Diagast
 DiaSorin S.p.A.
 Gamma-Service Medical GmbH
 GFE Blut mbH
 Grifols (HK) Limited
 Haemonetics (Hong Kong) Ltd.
 HemoCue AB
 ICCBBA
 Immucor, Inc.
 Jiaying Tianhe Pharmaceutical Co., Ltd.
 JMS Singapore PTE Ltd
 Kawasumi Laboratories, Inc.
 Kubota Corporation
 KW Apparecchi Scientifici
 Lmb Technologie GmbH
 Macopharma
 MAK-System

MBR Optical Systems GmbH & Co. KG
 Merck Millipore
 Möller Medical GmbH
 MTC Invitro Diagnostics AG
 Nanjing Shuangwei Biotechnology Co., Lt
 NanoEnTek
 NRL, Australia
 PT Medquest Jaya Global
 PT. EMS Indoappliances
 Roche Molecular Systems
 Safetran BioMedical Inc.
 Sanquin Reagents
 Separation Technology, Inc.
 Sichuan Nigale Biomedical Co. Ltd
 Siemens Healthcare GmbH
 Sysmex Asia Pacific Pte. Ltd.
 Terumo BCT (Asia Pacific) Ltd.



ISBT DUBAI 2016

September 3 - 8, 2016

34th International Congress of the ISBT
Dubai, United Arab Emirates



International Society
of Blood Transfusion

United Arab Emirates
Ministry of Health



Exhibitors

603 3M Deutschland GmbH, Membranes Business Unit

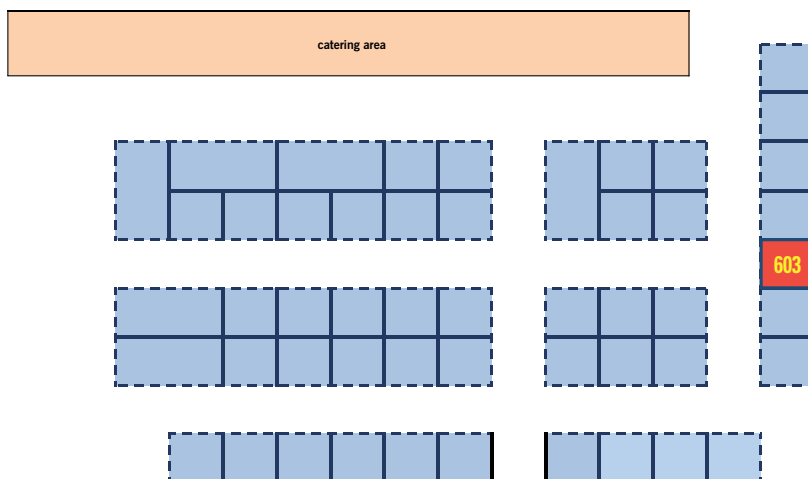
Oehder Str. 28
42289
Wuppertal
Germany

Contact: Florian Bonn
T: +49(0)2026099670
F: +49(0)2026070296
E: info@membrana.de
W: www.3m.com/membrana

About 3M and the Membranes Business Unit from 3M

3M uses its scientific expertise to develop technologies which improve the quality of life of each individual.

Since August 2015 the Membrana GmbH is now part of the 3M Industrial Business Group. The 3M Membranes Business Unit offers a wide range of capillary and flat sheet membranes, particularly for hemodialysis, blood oxygenation and plasmapheresis. In addition, the 3M Membranes Business Unit offers innovative medical devices for therapies such as plasma separation, cascade filtration or separation of blood for transfusion medicine

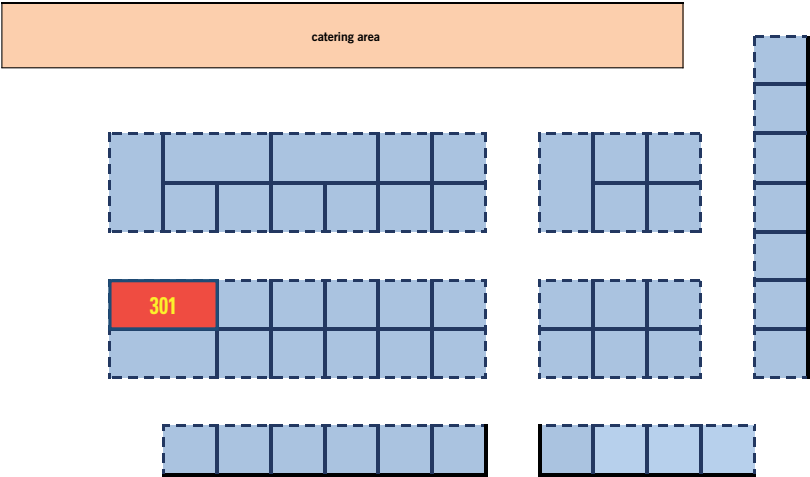


301 Abbott Laboratories (Singapore) Ltd.

103 Penang Road #04-01 Vision Crest Commercial
238467
Singapore
Singapore

Contact: Craig Dunphy
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F:
E:craig.dunphy@abbott.com
W:www.abbottdiagnostics.com

At Abbott Diagnostics, we go beyond tests and instruments. We'll partner with you to develop a solution that fits your organization. We are committed to provide the most innovative solutions for Blood Banks in Asia Pacific.

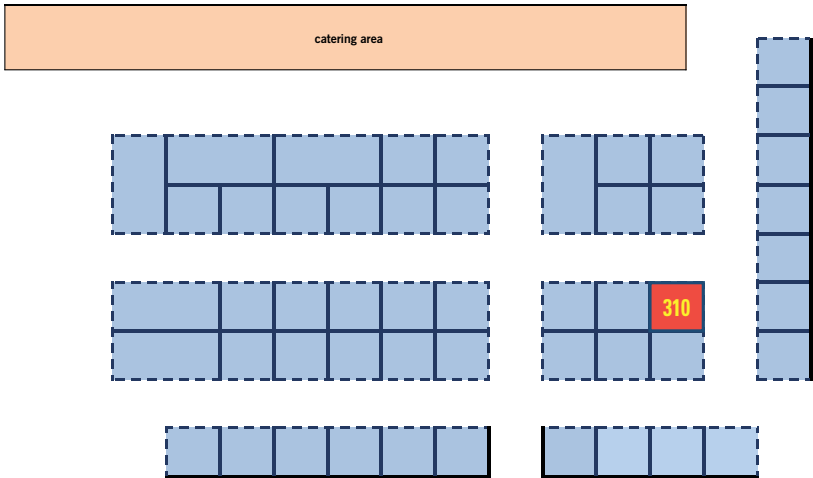


310 ACON Laboratories, Inc.

4F Tower B, Union Plaza, No. 2 Zijinhua Road
310023
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China

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F: +8657187963570
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W: www.aconlabs.com

ACON Laboratories, Inc. provides a broad range of high quality and competitively priced rapid diagnostic and healthcare products. ACON leads the way in making point of care medical diagnostics more affordable to people all around the world. The ACON name along with our brands, On Call® for Diabetes Care, Mission® and Insight® for Clinical Chemistry, and Foresight® and Incontrol® for Immunoassay EIA/ELISA are well known in over 150 countries. We will continue to expand our current rapid diagnostic and healthcare products worldwide.

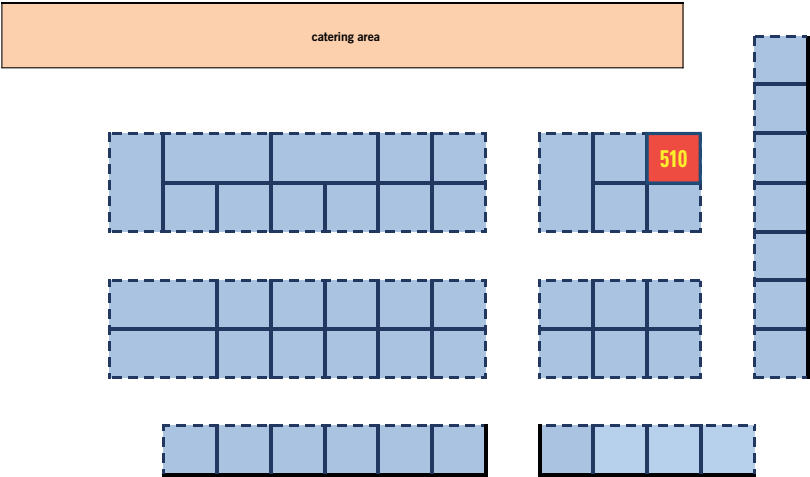


510 Andreas Hettich GmbH & Co. KG

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E: info@hettichlab.com
W: www.hettichlab.com

The development of modern laboratory centrifuges is closely linked to the history of the Hettich-Zentrifugen company. Hettich's roots go back more than one hundred years. Today's product range comprises a complete program of centrifuges for virtually every centrifuging task required in practice: e.g. microlitre, hematocrit, benchtop, underbench, floorstanding, blood bank, robotic centrifuges, refrigerated and non-refrigerated as well as cell washers.

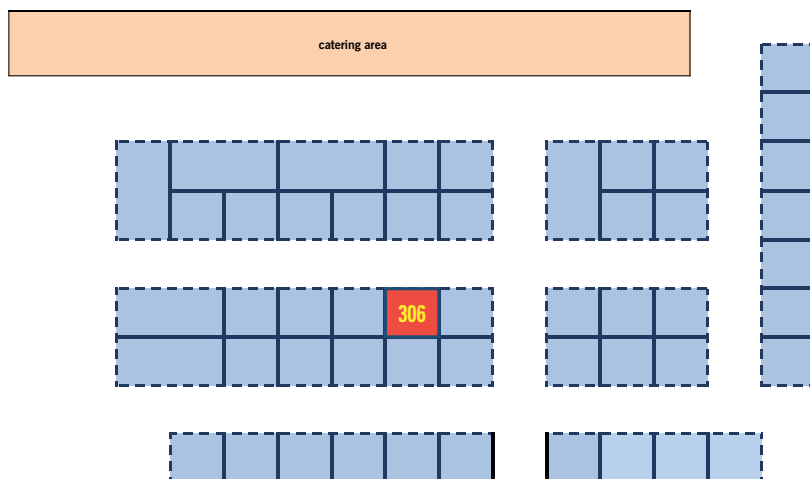


306 Asahi Kasei Medical Co., Ltd.

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W: www.asahikasei-medical.com

Asahi Kasei Medical is a world leader in research, development, and production of medical devices for blood treatment and purification. Asahi Kasei Medical, a pioneer in leukoreduction, is also one of the world leading suppliers of virus removal filters for biopharmaceuticals. Our core competence is based on unique and advanced membrane separation and adsorption technologies that enable to present innovative solutions of a wide range of Sepace™ filters for whole blood, red cells and platelets for your various needs.

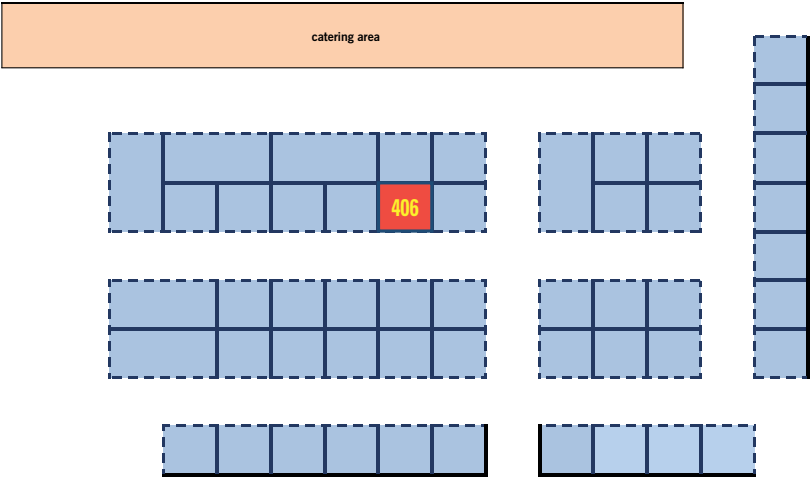


406 Ashland Inc.

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08807
Bridgewater, NJ
United States of America

Contact: Rosemarie Fairman
T: +19082434766
F:
E:rfairman@ashland.com
W:www.ashland.com/radsure

Ashland Advanced Materials proudly presents your trusted two-part quality system to comply with blood irradiation regulations. RAD-SURE™ blood component indicators, with ISBT 128 bar coded lot numbers, provide positive visual verification of irradiation, while the DOSE-MAP™ QA tool measures and maps the absorbed dose to validate the performance of a blood irradiator. In combination, RAD-SURE™ and DOSE-MAP™ offer an unparalleled quality system for blood irradiation.

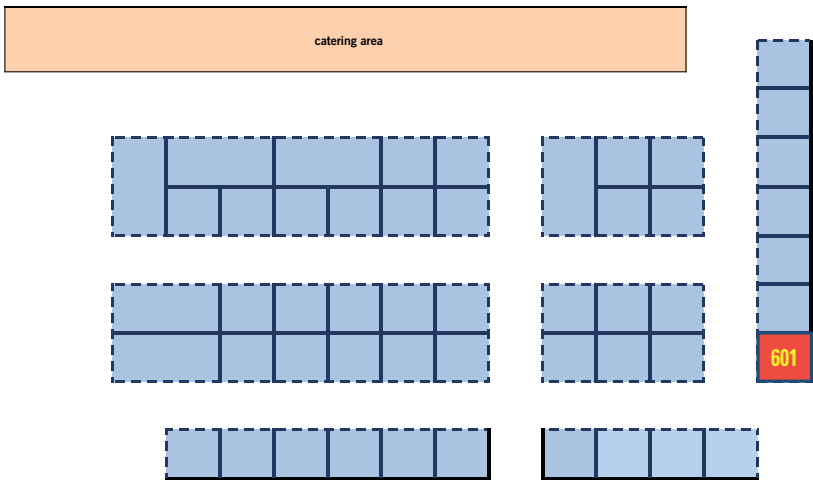


601 B Medical Systems (Formerly Dometic Medical Systems)

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F: +352920731300
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B Medical Systems (formerly Dometic, Division Medical Systems) is specialized in research, development and manufacturing of special refrigerators, deep freezers, storage & transport concepts.
B Medical Systems' product family "Blood Safety" comprises different activities from collection to transfusion. With the "Blood Cold Chain", a comprehensive mix of products which strictly observes international standards, blood is kept safe through precisely temperature controlled transport and storage solutions.
The newly developed Blood Traceability system "Dometic powered by Biolog" with RFID technology, provides a complete traceability and identification of RBCC's and avoids retranscription errors.

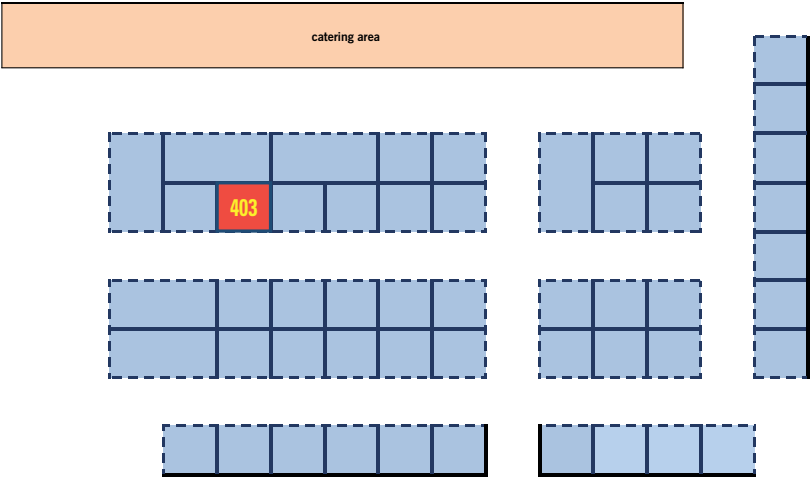


403 Barkey GmbH & Co KG

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Barkey GmbH is a family-run enterprise from Germany specialized in warming devices. Our product portfolio covers innovative devices to thaw plasma and warm blood derivatives in a highly hygienic way. We offer a wide variety of infusion and transfusion warmers as well as warming cabinets to pre-warm infusions, liquid solutions and other accessories for hypothermia prevention. Our product range also includes tailor-made neonatal appliances and laboratory equipment. Barkey products work stable and reliable in more than 40 countries around the world. Our main products are: plasmatherm, S-line and warming Center II + III. For additional information, please visit: www.barkey.de

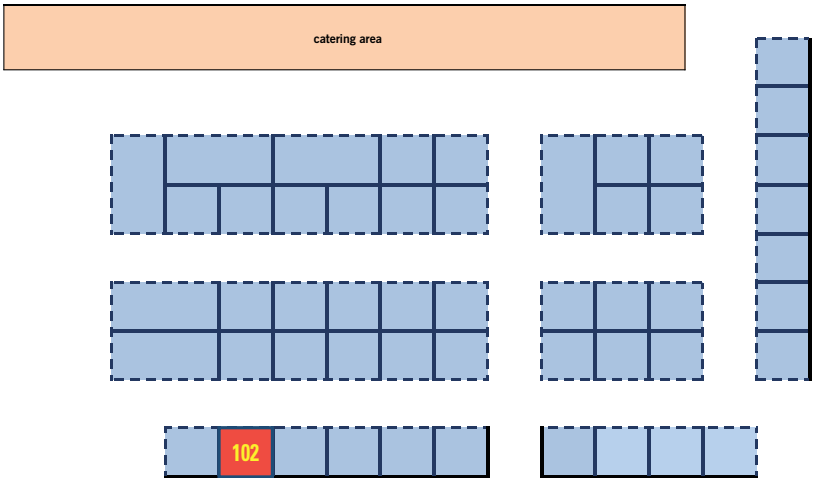


102 Best Theratronics

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F: +16135916627
E: info@theratronics.ca
W: www.theratronics.ca

Best Theratronics is the world's leading manufacturer of blood and research irradiators. Offering both gamma and x-ray, we have a long history of reliability, support and high-quality products. The Gammacell 1000 Elite and Gammacell 3000 Elan prevent graft-versus-host disease and are considered the "Gold Standard" in countless clinics worldwide. Our Raycell Mk2 dual x-ray tube device delivers unparalleled dose uniformity across its 2.0L and 3.5L canisters.

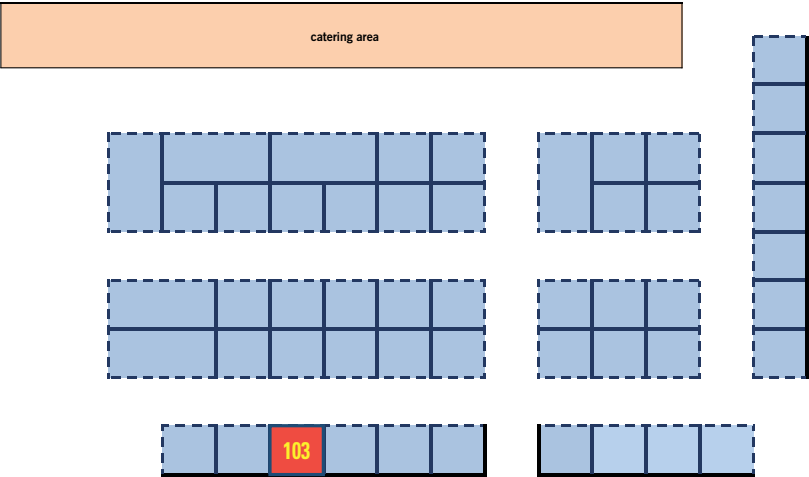


103 bioMérieux

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W: www.biomerieux-industry.com

A world leader in the field of in vitro diagnostics for 50 years, bioMérieux is present in more than 150 countries through 42 subsidiaries and a large network of distributors. bioMérieux Industry provides a wide range of solutions for microbiological control entirely dedicated to blood safety, as well as pharmaceutical, cosmetic/ personal care and food industries. From the microbial monitoring of air and surfaces to rapid detection and automated identification of micro-organisms, bioMérieux offers a full array of integrated solutions to provide efficient and reproducible microbiological results. Virtuo™, the next generation of the BacT/ALERT™ automated bacterial detection systems will be introduced.

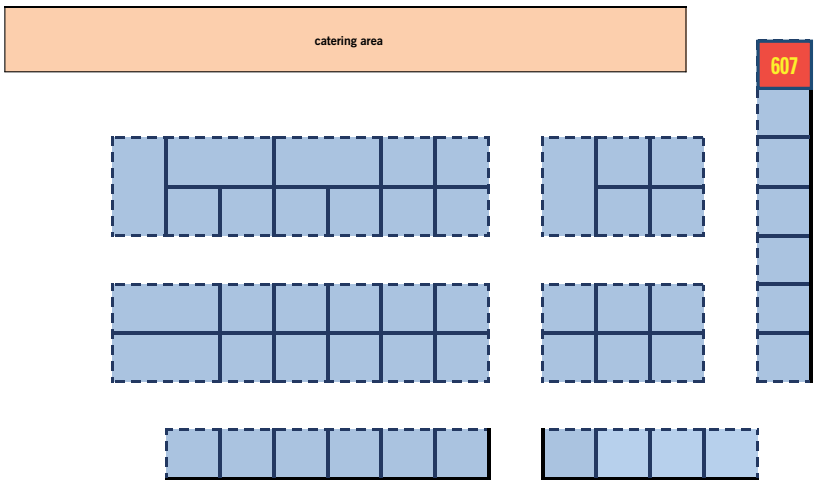


607 Bio-Rad SNC

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F: +33147958140
E: guillaume.camard@bio-rad.com
W: www.bio-rad.com/diagnostics

Bio-Rad Laboratories, Inc. (NYSE: BIO) and (NYSE: BIO.B) develops, manufactures, and markets a broad range of innovative products and solutions for the life science research and clinical diagnostic markets. The company is renowned for its commitment to quality and customer service among university and research institutions, hospitals, public health and commercial laboratories, as well as the biotechnology, pharmaceutical, and food safety industries. Founded in 1952, Bio-Rad is based in Hercules, California, and serves more than 100,000 research and healthcare industry customers through its global network of operations.

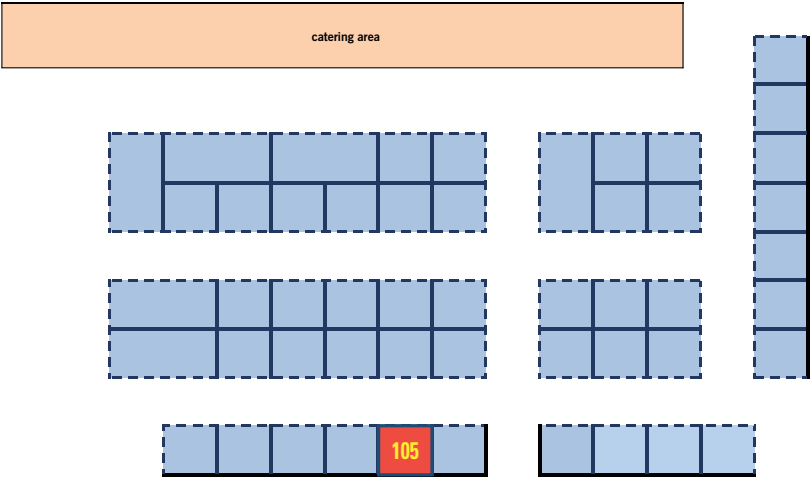


105 BMS Medicaltech Co., Ltd

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China

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W:www.bms-medicaltech.asia

Bms group began in Germany with innovative development in the year 2009 and has been focusing on the international blood technology and modern service based on internet of things. Thanks to the strategic and pioneering development of bms GmbH in Germany, bms China is striving to be a top professional supplier of blood technology for global market. Our willing is to serve 110 million blood donors per year and much more patients in more than 60 countries all over the world with our high innovation and qualitative reliability.

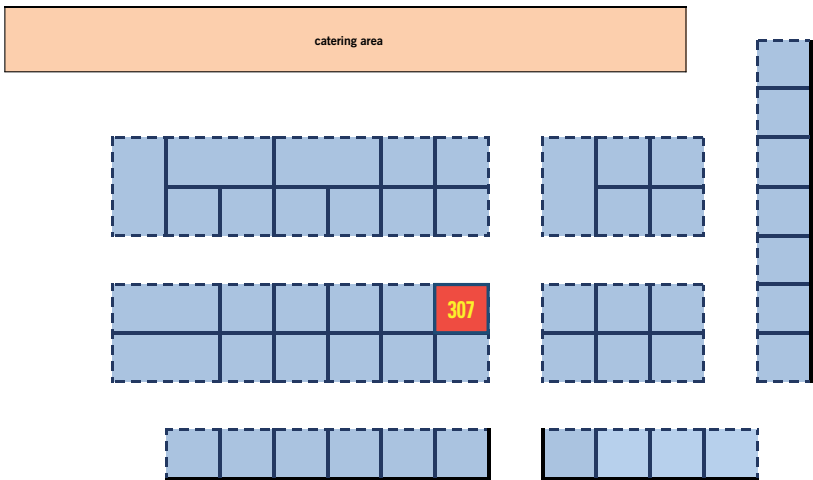


307 Cerus Corporation

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F:
E:apac@cerus.com
W:www.interceptbloodsystem.com

Cerus Corporation is a biomedical products company focused in the field of blood safety. The INTERCEPT Blood System is designed to reduce the risk of transfusion-transmitted infections by pathogens that may be present in donated blood including established transfusion threats, such as hepatitis B and C, HIV, West Nile virus and bacteria, and emerging pathogens such as Chikungunya, malaria and dengue. Cerus currently markets and sells the INTERCEPT Blood System for both platelets and plasma in the United States, Europe, the Commonwealth of Independent States, the Middle East and selected other countries. The INTERCEPT red blood cell system is in clinical development.

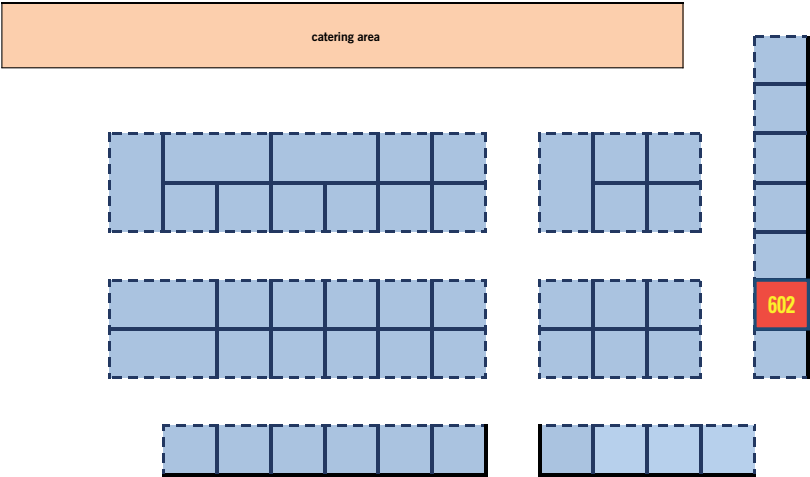


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Sweden

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Conroy Medical, established in 1988, develops and manufactures medical equipment, primarily for use in the field of transfusion medicine. Most of our products are sealers for use on plastic bags, sets and tubing during blood component donation and preparation. We also produce sealing systems as OEM. Our instruments stand for quality, safety and ease of use. Our Qseal models cover the sealing needs from heavy duty laboratory use to mobile use. We are represented worldwide through our distributor network. Examples of customers are pharmaceutical companies, laboratories, hospitals, private clinics and charity organisations like the Red Cross and Médecins Sans Frontières.



304 DAY Medical SA

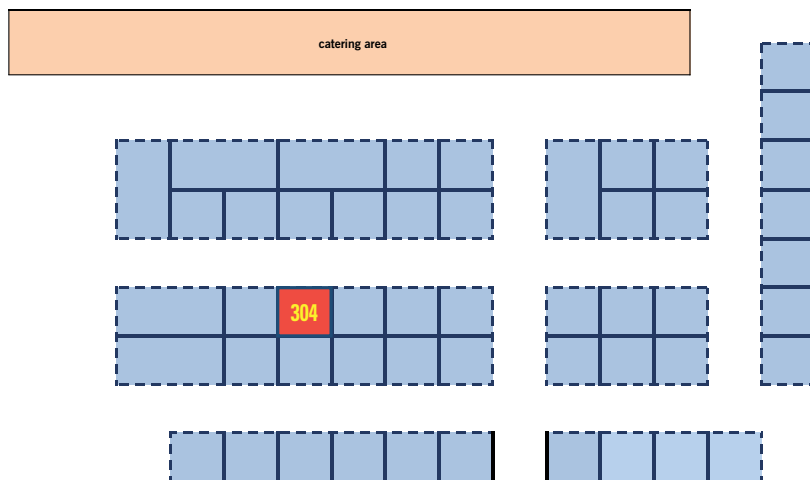
Zone Industrielle Est C5, Route de la Plaine 49
1580
Avenches
Switzerland

Contact: Delphine Favre
T: +41266767000
F: +41266767001
E: info@day-medical.com
W: www.day-medical.com

Our goal is to provide a new gel test generation for blood transfusion centres and hospital blood group serology laboratories. We have developed totally new automated procedures that more than fulfill the stringent requirements of today and those of the future.

Training facilities, service and reference laboratories are all in place to give our customers the highest level of service.

DAY medical is located in Avenches, Switzerland, near Morat, Fribourg and Bern.



206 Demophorius Limited

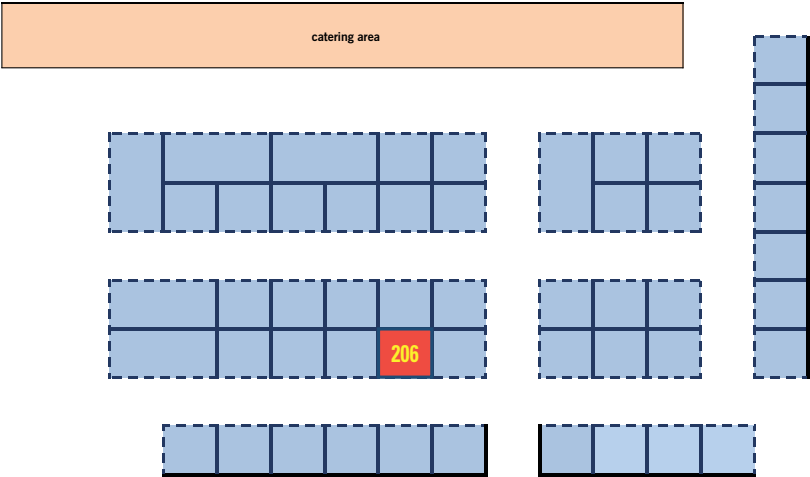
196 Arch. Makarios III
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W: www.demophorius.com

Demophorius Healthcare is dedicated to manufacturing medical related products, of the highest quality and standards at the most affordable prices.
Over the years Demophorius has build four reputable brands

Demotek product range has expanded over the years to include blood bags, Closed Suction Catheter, Examination gloves (Latex, Nitrile, Vinyl) Latex Surgical gloves, Disposables Syringes & Needles, Infusion products, Blood Transfusion products, Non Woven products Dressings

D mach blood banking equipment
D tek Sutures and other surgical items
D vac Blood collection tubes and needles.



502 Diagast

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T: +33 320 96 53 53
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W: www.diagast.com

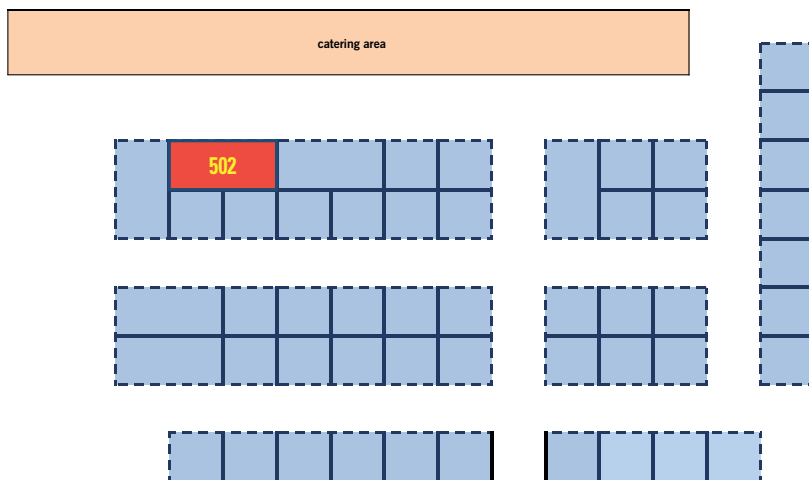
DIAGAST is a creator of tailor-made immuno-haematology solutions and the favoured partner of biologists and health professionals.

The company has designed, produced and marketed IH solutions in over 60 countries for 30 years and offers a wide range of blood typing antibodies and ready-to-use reagents.

DIAGAST is a major player in Transfusion with more than 40 clones and a high production capacity.

The company innovates in biotechnology with a team of skilled scientists and will be happy to welcome you on booth 502 with:

- A fully automated blood typing system QWALYS3
- Our extending phenotyping range on automated system

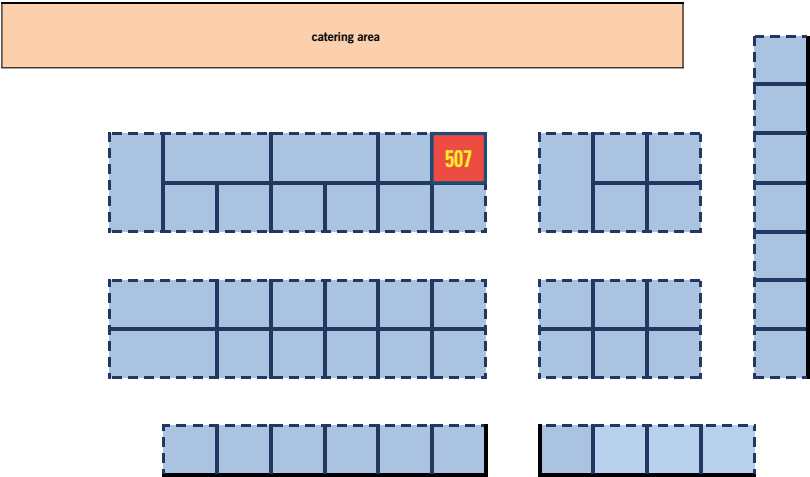


507 DiaSorin S.p.A.

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13040
Saluggia
Italy

Contact: Angela Cucchiatti
T: +39 0161 487 837
E: angela.cucchiatti@diasorin.it
W: www.diasorin.com

DiaSorin is a global leader in the field of biotechnologies, developing, producing and marketing reagent kits for in vitro diagnostics worldwide for over 40 years.
Among its line of products used by diagnostic laboratories to meet the needs of the following clinical areas: infectious diseases, hepatitis and retrovirus , cardiac markers, bone metabolism, oncology and endocrinology, DiaSorin can offer a complete solution for blood banks in both CLIA and ELISA technology.
The menu offered by DiaSorin today comprises the complete panel of hepatitis B markers, hepatitis C, HIV 4th generation, HTLV, Treponema, and Chagas Assay.

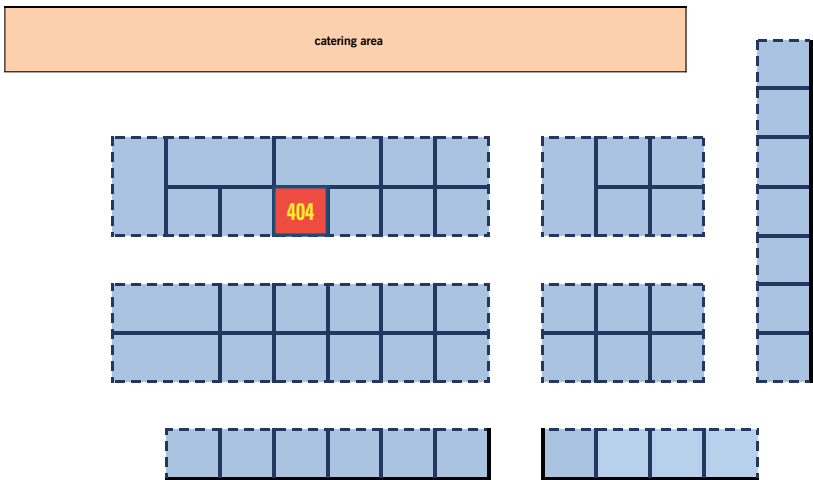


404 Gamma-Service Medical GmbH

Bautzner Str. 67
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Contact: Hans-Joachim Katzmann
T: +4934146372800
F: +4934146372822
E: contact@gamma-medical.de
W: www.gamma-medical.de

Gamma-Service Medical GmbH is a global active isotope technology company.
We are manufacturer of equipment like the self contained Gamma Irradiation device BIOBEAM for Blood Irradiation.
Our quality management system is certified according to EN ISO 13485: 2012 / AC: 2012 and DIN EN ISO 9001: 2008.

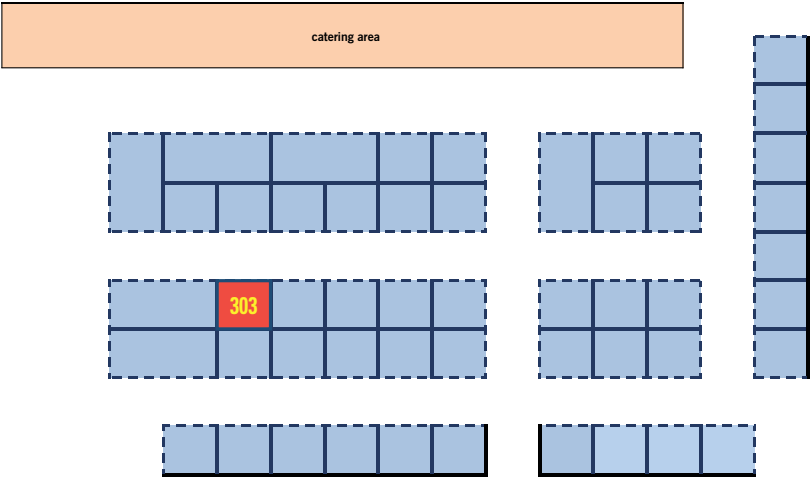


303 GFE Blut mbH

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60438
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Germany

Contact: Karl-Hermann Bremeyer
T: +496995103270
F: +4969951032720
E: info@gfeblut.de
W: www.gfeblut.de

Specialized in viral nucleic acids detection (DNA and RNA) by Real-Time PCR in the framework of blood donation testing, the products of GFE Blut comply with the highest quality standards (CE-IVD). The reagents can either be used manually or fully automated, depending on what is best suited to meet customer specifications. GFE Blut's line of reagents provides all necessary components for the NAT testing of blood donations for the detection of HIV-1, HIV-2, HAV, HBV, HCV and PB19. All six viruses can be screened in one run. In addition we are offering also West Nile and CMV testing.

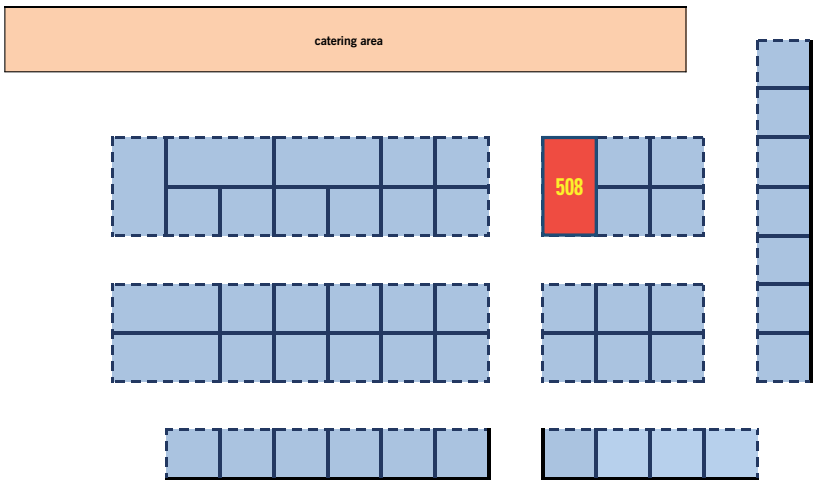


508 Grifols (HK) Limited

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999077
Hong Kong
China

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F: +861057372405
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W: www.grifols.com

Grifols Diagnostics provides innovative solutions to support safe and compatible transfusions, monitor therapies, and detect infectious and autoimmune diseases. We also explore development of molecular testing and other novel technologies with the potential to further improve treatment outcomes and laboratory efficiency. Our broad product portfolio is designed to deliver fast and accurate information for healthcare providers working to select the safest and most effective treatments for patients. As a leader in transfusion medicine, Grifols is proud that blood banks and transfusion centers around the world trust our automated laboratory systems, broad test menu, and expert service and support to address their full range of blood screening and pre-transfusion testing needs.



203 Haemonetics (Hong Kong) Ltd.

Units A-C, 6th Floor, China Overseas Building, 139 Hennessy Road, Wanchai

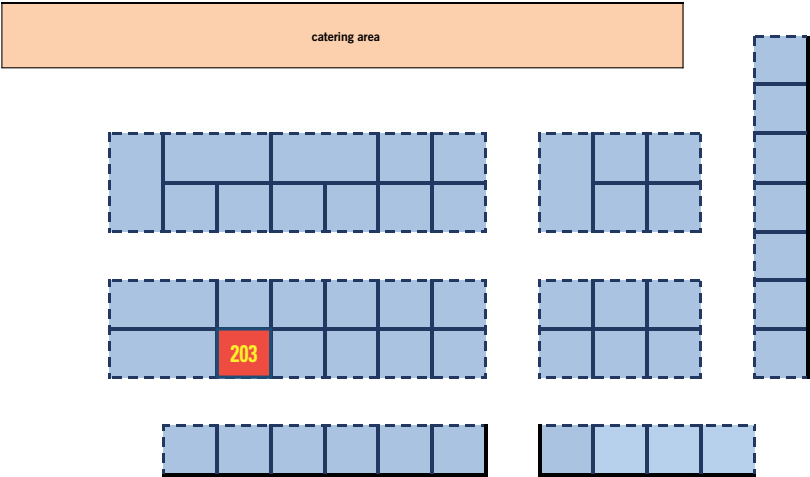
Hong Kong
Hong Kong

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E:miriam.chan@haemonetics.com
W:www.haemonetics.com

Haemonetics is THE Blood Management Company. Our comprehensive portfolio of integrated devices, information management, and consulting services offers blood management solutions for each facet of the blood supply chain, helping improve clinical outcomes and reduce costs for blood and plasma collectors, hospitals, and patients around the world.

We help prevent blood transfusions to the patient who doesn't need one and provide the right blood product, at the right time, in the right dose, to the right patient who does.

In our more than 40-year history, we have continued to innovate and acquire the best in blood management solutions.

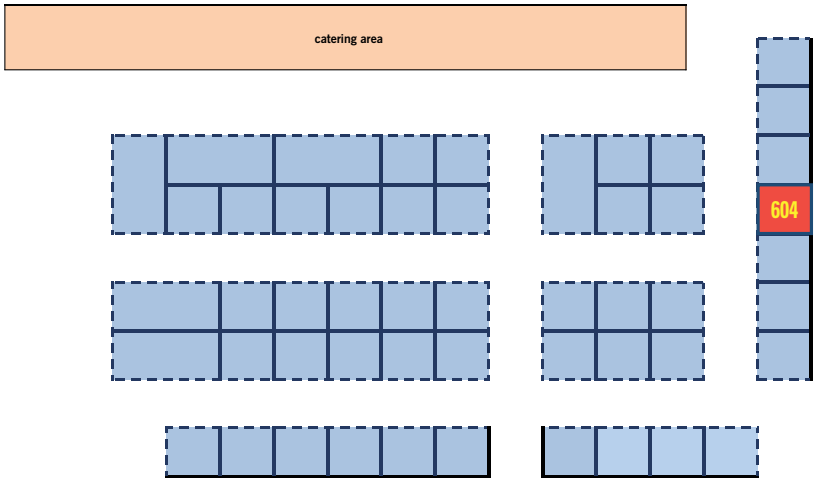


604 HemoCue AB

Kuvettgatan 1
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Ängelholm
Sweden

Contact: Pia Åberg
T: +46431481200
F: +46431481225
E: pia.aberg@hemocue.se
W: www.hemocue.com

HemoCue is a global leader in a field of diagnostics known as near patient, or point-of-care, testing. In 1982, HemoCue AB, based in Ängelholm, Sweden, introduced the first system making accurate hemoglobin testing possible in near-patient settings. Since then, more than 350,000 HemoCue systems have been sold worldwide. The company also sells point-of-care tests for glucose, urine albumin, HbA1c, total and differential white blood cell count. HemoCue subsidiaries, affiliates, franchises, and third-party distributors generate revenue in more than 130 countries world wide. HemoCue is part of the Radiometer Group since April, 2013. Additional company information is available at www.hemocue.com.

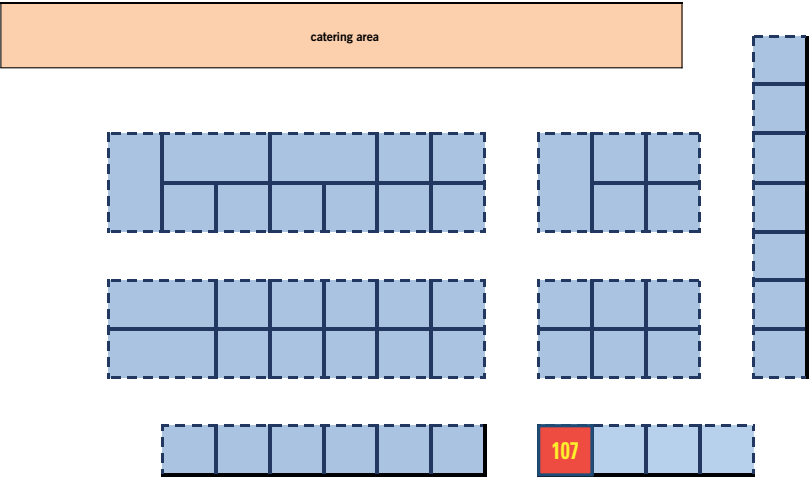


107 ICCBBA

P.O. Box 11309
92423
San Bernardino, CA
United States of America

Contact: Matt Delgado
T: +19097936516
F: +19097936214
E:iccbba@iccbba.org
W:www.iccbba.org

ICCBBA is the not-for-profit, nongovernmental organization in official relations with the World Health Organization responsible for the management and development of the ISBT 128 international standard for blood and transplant. Used in more than 75 countries across six continents and disparate health care systems, ISBT 128 is the global standard for the terminology, identification, coding, and labeling of medical products of human origin including blood, cell, tissue, milk, and organ products. The Standard has been designed to ensure the highest levels of accuracy, safety, and efficiency for the benefit of donors and patients worldwide.

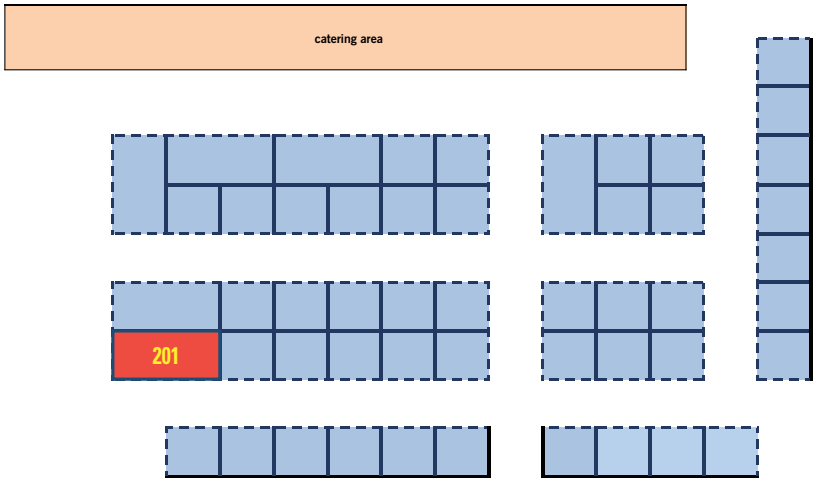


201 Immucor, Inc.

3130 Gateway Drive
30071
Norcross, GA
United States of America

Contact: Romana Watters
T: +18004668261
F:
E:
W:www.immucor.com

Founded in 1982, Immucor is a global leader of transfusion and transplantation diagnostics. For transfusions, Immucor offers the broadest line of serological products, including traditional and unique specialty reagents, Capture® technology, and our NEO and Echo automation. Our BioArray molecular immunohematology assays provide state-of-the-art technology for pre-transfusion compatibility testing. For transplants, our LIFECODES products bring a market-leading position in HLA testing for donor-patient compatibility. We are leading the way in post-transplant monitoring with our innovative kSORT assay for kidneys. Finally, our specialty diagnostic solutions for platelet transfusion testing and hemostasis provide important diagnostic information for today's modern laboratories.



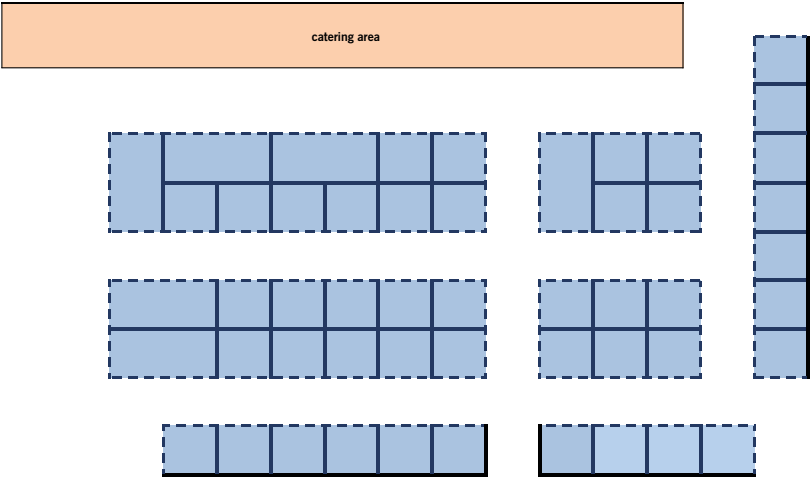
International Society of Blood Transfusion

Marnixstraat 317
1016TB Amsterdam
the Netherlands

Contact: Monique van Dorp
T: +31207601760
F: +31207601761
E: office@isbtweb.org
W: www.isbtweb.org

Here you can meet the staff, find out more about the Society, become a member, get information about the library of guidelines, standards and regulatory documents, discover the e-learning portal, and take advantage of a photo opportunity in front of the Bali graphic. Information on Dubai and the World Trade Center (WTC) for the next International congress (September 3 - 8, 2016) will be available on the booth.

The ISBT booth is located at the entrance of the Exhibition area.

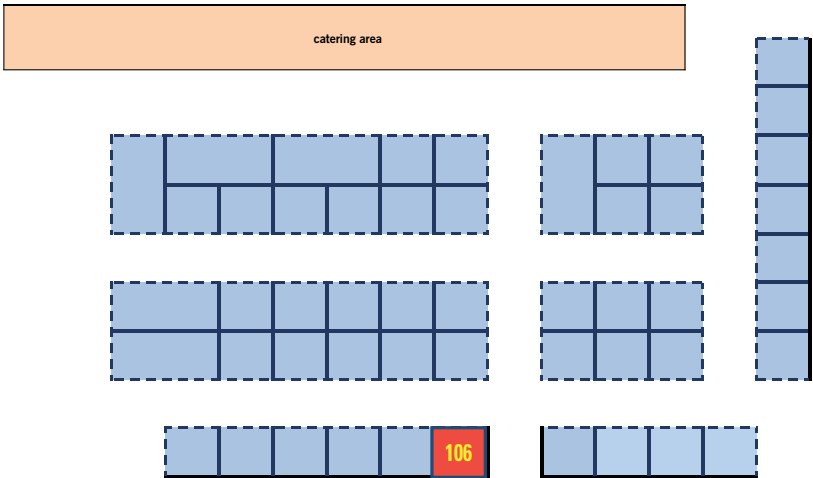


106 Jiaxing Tianhe Pharmaceutical Co., Ltd.

Zhongfa Foreign Trade Industrial Zone, Fengqiao Town, Nanhu District
314008
Jiaxing
China

Contact: Sandy Wu
T: +8657382618903
F: +8657382616562
E: jingru@jxtianhe.com
W: www.jxtianhe.com

Tianhe produces a wide range of disposable plastic systems for blood transfusion. Established in China since 2004, it is working now on an average annual production capacity of 10 million systems. Tianhe is GMP, CE, ISO9001:2008, ISO13485:2012 certified. Main products are standard and top & bottom blood bags, leukocyte reduction filters, cord blood bags and animal blood bags together with other specialties. Tianhe is exporting to more than 30 countries with its own brand and OEM brands like South Europe, East Europe, CIS Market, Middle East, Western Asia, Southeast Asia, Central America, South America and Africa, etc.

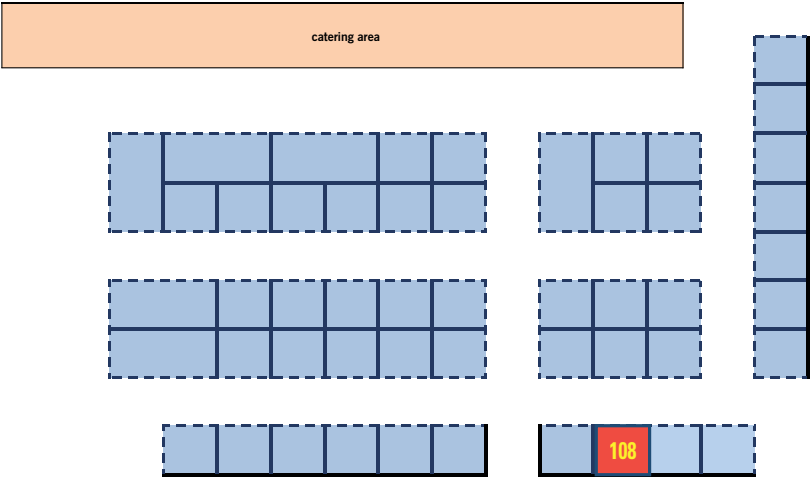


108 JMS Singapore PTE Ltd

440 Ang Mo Kio Industrial Park 1
569620
Singapore
Singapore

Contact:
T: +6564571144
F: +6564599564
E:
W: www.jmss.com.sg

As a world leading manufacturer and supplier of medical disposables, we offer a wide range of high quality products for Infusion and Transfusion Therapy, Dialysis, Blood Banking and Medical Equipment. Our Quality System, certified under ISO 13485 : 2003 and EN ISO 13485 : 2012, operates under highly efficient manufacturing processes and stringent quality control before delivery to global medical facilities. Safeguarding and improving the lives of our patients, has been and will continue to be our steadfast commitment – The Bridge to Good Health Care.

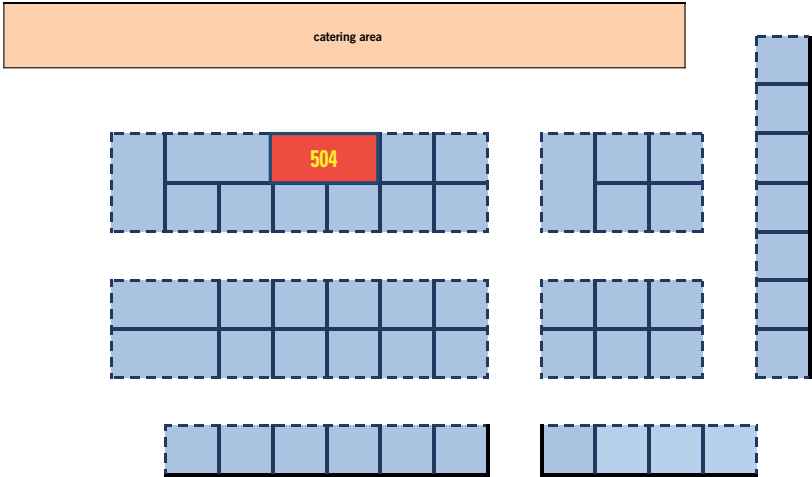


504
Kawasumi Laboratories, Inc.

Shinagawa Intercity Tower B, 9th Floor, 2-15-2, Konan, Minato-ku
 108-6109
 Tokyo
 Japan

Contact:
 T: +81357692656
 F: +81357692761
 E: k-maneyama@kawasumi.jp
 W: www.kawasumi.jp/e/

KARMI for 2015: KARMI Whole Blood In-line Blood Bags for leukoreduction! Helps reduce adverse reactions during transfusion!
 Since 1954 Kawasumi's commitment to safety, quality and affordability has been at the forefront of safe blood collection and transfusion. The New KARMI In-line Blood Bags and Blood Collection Monitor join our already famous product line of KARMI Conventional Blood Bags, Blood Separators, Tube Sealers, and Potassium Adsorption Filters.
 Visit our booth and see how we can help you too!

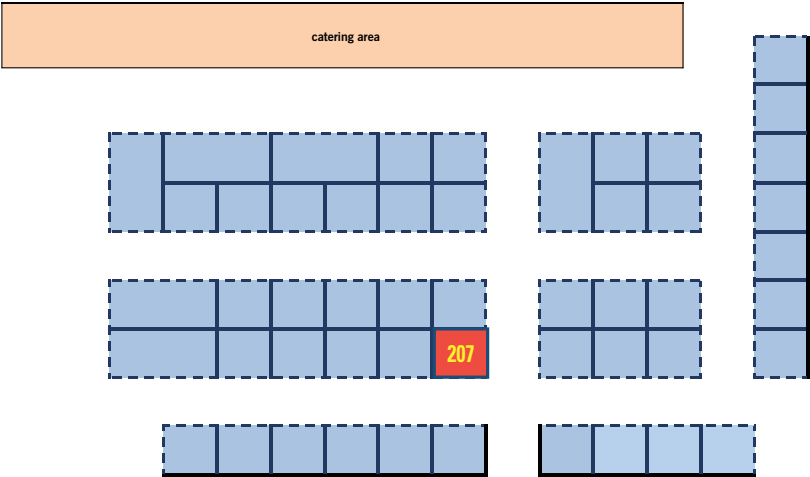


207 Kubota Corporation

3-29-9, Hongo, Bunkyo-ku
113-0033
Tokyo
Japan

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T: +813338151331
F: +81338142574
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W: www.centrifuge.jp

KUBOTA is Japanese leading company for blood bag centrifuge.
Based upon long history and close relationship with customers, KUBOTA provide not only centrifuge but also very good quality and reliability to the world with collaborating with more than 20 distributors, which has been building a constructive and win-win relationship with them.



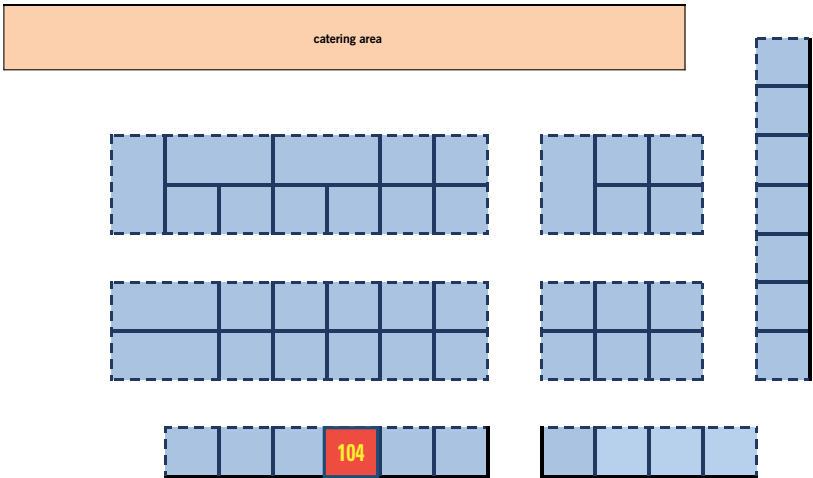
104 KW Apparecchi Scientifici

Via Della Resistenza 119
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Monteriggioni
Italy

Contact: Marco Faneschi
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F: +390577309142
E: export@kwkw.it
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Established in 1954 and characterized by the acronym of "kalt/warm", KW Apparecchi Scientifici srl is a company who design and manufacture refrigeration equipment addressed to the medical sector, biomedical, scientific research and industrial labs, scientific industry and all specialist cold applications (ULTRA LOW FREEZERS, BLOOD BANK REFRIGERATORS, BLAST FREEZERS, PLATELET INCUBATORS AND AGITATORS ETC.)

KW Apparecchi Scientifici srl implemented their Quality Management System ISO 9001:2008 with ISO 13485: 2004, achieving the MEDICAL DEVICES CERTIFICATION, Class IIa, in compliance with the ex 93/42 CE Directive, as registered in the Medical Device inventory of the Italian Ministry of Health and OHSAS 17000.

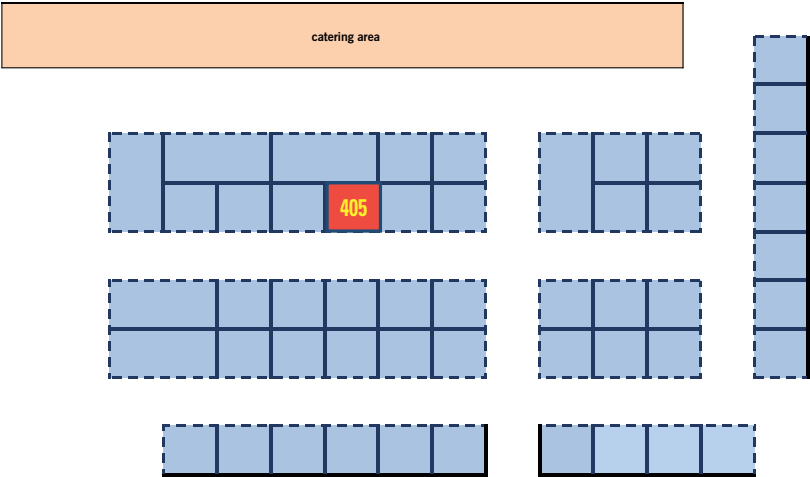


405 Lmb Technologie GmbH

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Germany

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For more than 35 years, Lmb Technologie is a reliable partner for products used in blood banks and transfusion centres. The portfolio covers solutions for blood separation, blood donation, transport and storage of blood, and beyond that we offer individual and customized developments. Latest innovations such as Filtramatic LDC (automatic documentation of the leukocyte depletion process), Bagmatic MULTI (automatic blood donation table) and LUXOmatic V2 (two separation machines in one housing, driven by electro motor) are just a part of state of the art innovations we offer to our customers worldwide.

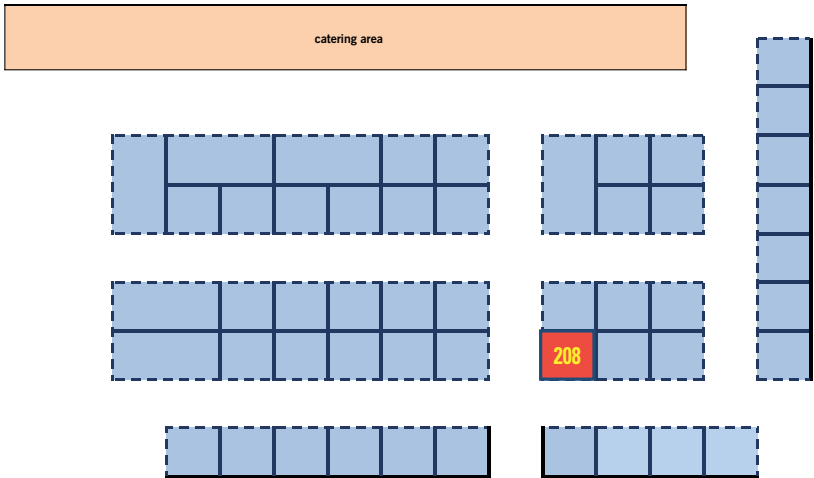


208 Macopharma

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Tourcoing
France

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E:veronique.lutun@macopharma.com
W:www.macopharma.com

Macopharma is one of the key players in the medical device industry for blood transfusion, infusion solutions and biotherapy.
Their growth has always been driven by major innovations. These innovations are the result of substantial investments in research and development, as well as cooperation with customers and partners: blood centers, research laboratories, hospitals...
For each of these 3 fields, Macopharma offers a range of products and services for each step of the processes. With worldwide presence in nearly 100 countries, Macopharma aims at offering innovative solutions and quality products to optimise therapeutic practices and make them safer



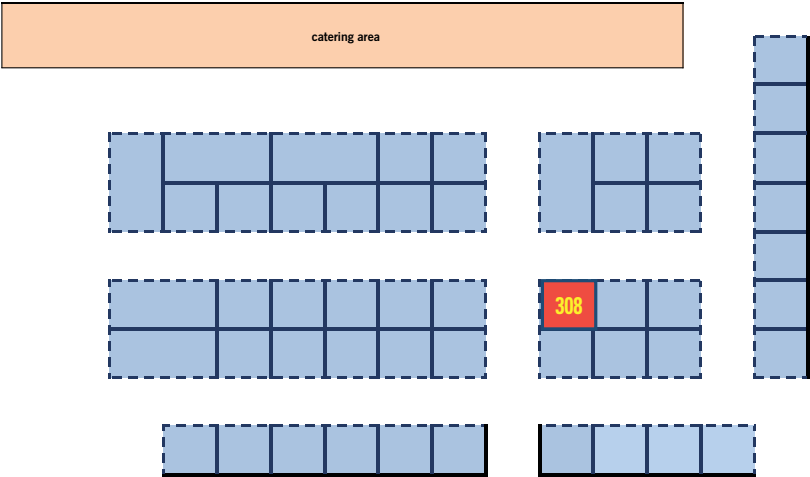
308 MAK-System

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E:c.glinkowski@mak-system.net
W:www.mak-system.com

MAK-SYSTEM International Group is a leading provider of innovative healthcare software solutions used in more than 60 countries. Our software runs in centers collecting from 1,000 to 7 million donations per year.

Our off-the-shelf software provides to Blood Banks, Hospital Transfusion Services and Cell Therapy Facilities the highest functionality and technology on the market. As a modular solution, you can extend your services to Hospitals, Donors and/or Patients.
Our experience in managing small, medium and large size projects is unique as well as our commitment to successfully implementing our software.



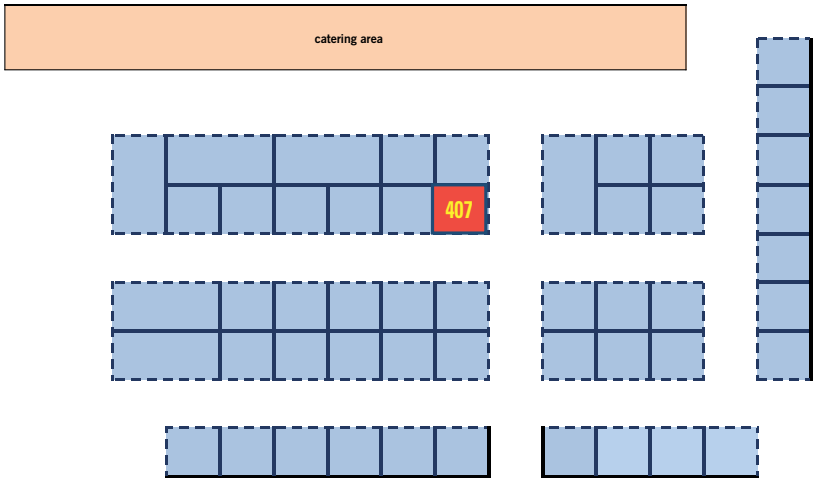
407 MBR Optical Systems GmbH & Co. KG

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42279
Wuppertal
Germany

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F: +492026474560
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W: www.mbr-os.com

MBR Optical Systems GmbH & Co. KG is the world´s first manufacturer of non-invasive blood meters, which use reflection spectroscopy to quantitatively measure hemoglobin and bilirubin levels. The products are developed and produced 100 % in Germany.

With "haemospect" we do a bloodless measurement of hemoglobin for an exact, fast and easy donor selection. It is perfect for mobile use with a Digiclipsensor, rechargeable batteries and a System-Check-Reflector for quality control. We can measure every skin color, also MBR has no problems with external light, nail polish or environmental temperatures. MBR is the only manufacturer, who has a Calibration Standard Tool to verify the haemospect-system, e.g. after maintenance. Furthermore we offer a demanding Process Data Management solution.

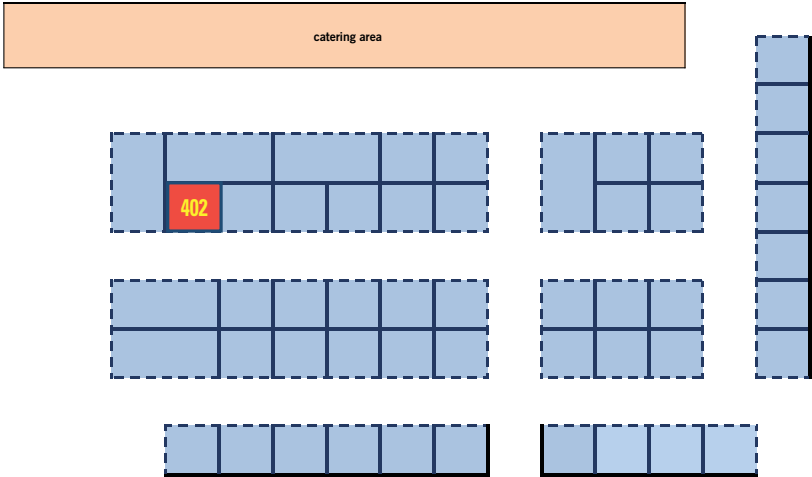


402 Merck Millipore

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W: www.merckmillipore.com/diagnostics

Merck Millipore is the Life Science division of Merck KGaA of Germany and offers a broad range of innovative, performance products, services and business relationships to enable our customers' success in research, development and production of biotech and in vitro diagnostic technologies. For over 30 years Merck Millipore has been the leader in providing monoclonal antibodies for the blood typing market, offering the largest stable of monoclonal antibodies available today. Merck Millipore's BIOSCOT® brand is globally synonymous with quality. Our ISO-certified and FDA-licensed manufacturing facilities enable us to stay at the forefront of this industry.

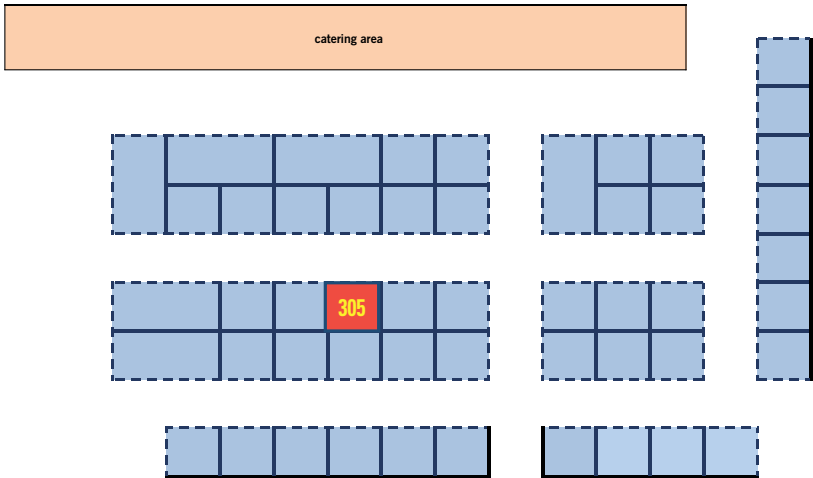


305 Möller Medical GmbH

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 Fulda
 Germany

Contact: Lerna Russe
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 F: +49 661 941 95 81
 E: info@moeller-medical.com
 W: www.moeller-medical.com

Moeller Medical is a German medical device manufacturer who belongs to medimondi group. medimondi group is part of Centrotec Sustainable AG and covers all corporate activities concerning medical devices and engineering plastics. Moeller Medical developed and manufactures components and highly sensible medical devices. Our product portfolio consist of own brands (blood banks, interventional radiology, urology, neurosurgery, aesthetics,) and OEM business (human cannulae, nano-coatings, HPLC hardware, peristaltic pumps). The main business for blood banks is the Docon family, consists of blood mixing scales and tube sealers.



210 MTC Invitro Diagnostics AG

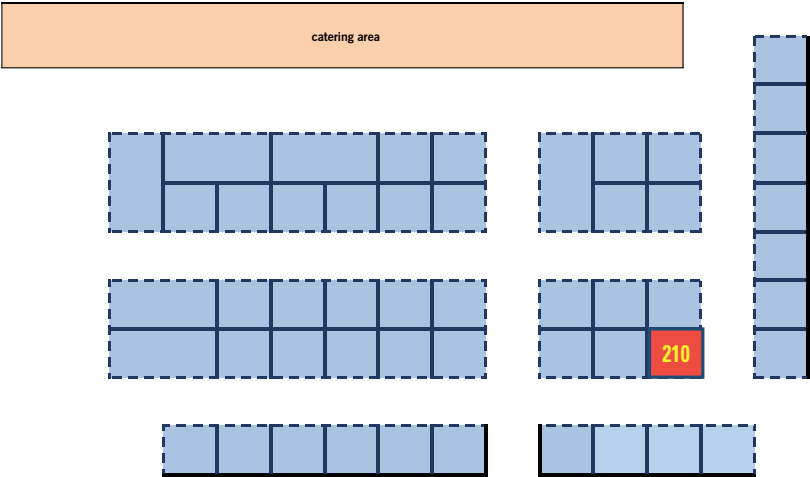
Ampèrestr. 2a
64625
Bensheim
Germany

Contact: María del Pilar Barrientos
T: +496251848290
F: +49625184829880
E: cidd@mtcinvitro.com
W: www.mtcinvitro.com

MTC – Micro Typing Concepts – is specialized in blood grouping applications providing innovative products for blood bank professionals in all global markets.

MTC INVITRO presents, in addition to its 6 and 8 column gel cards, the newest innovation in blood grouping, the revolutionary 1 minute gel card INVITROSTAT and the manual STAT work station STATUS 1.

Other quick tests for blood grouping without apparatus are INVITROFLOW and INVITROPAD.
With multiple clone lines for ABO and phenotyping and a wide selection of rare reagents and specialty products including automated systems, MTC INVITRO offers one of the most distinctive product portfolios available in immunohematology.

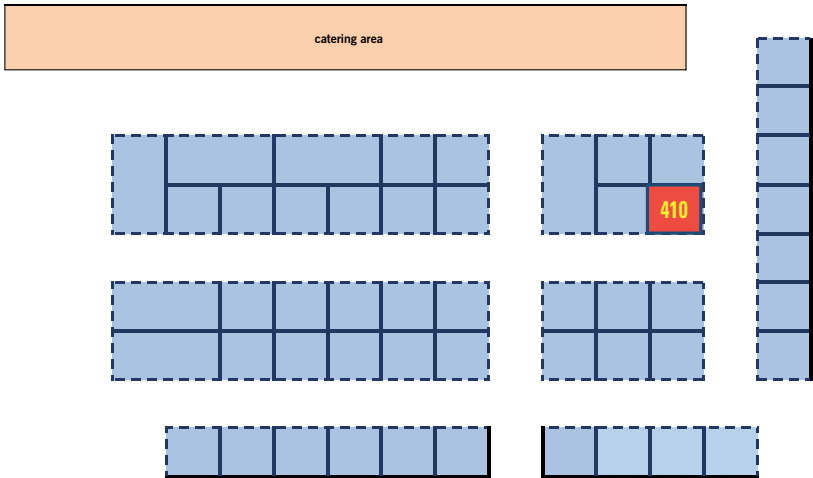


410 Nanjing Shuangwei Biotechnology Co., Lt

New and high Technology Industry Development Zone
210032
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China

Contact: Ms. Victoria
T: +862558842973
F: +862558745107
E: info@shuangweibio.com
W: www.shuangweibio.com

Since 1993, Nanjing Shuangwei Biotechnology has been specialized in the field of high-tech haematology products and dedicated to reducing risks of blood transfusion. Our complete range of CE-marked leukocyte reduction filters have been widely used in more than 20 countries and enjoy a good reputation through good quality and after-sales service. As a reliable supplier of high performance in-line filters (soft and hard housing), Shuangwei has established strategic cooperation relationship with many famous blood bag manufacturers around the world. And this time we'll bring you the new product pathogen inactivation system for plasma. Let's look forward to develop a higher business than we currently have.

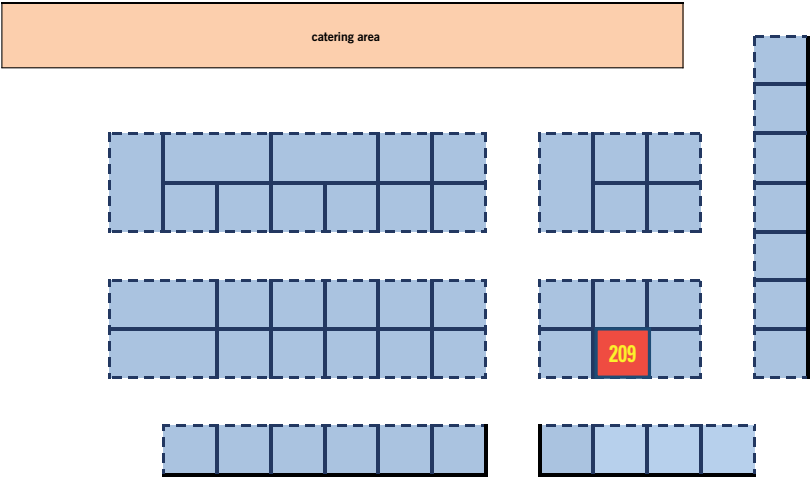


209 NanoEnTek

12F, 5, Digital-ro 26-gil, Guro-gu
08389
Seoul
Korea

Contact: Benny Kim
T: +82262207940
F: +82262207721
E: sales@nanoentek.com
W: www.nanoentek.com

NanoEnTek DNA:
Support researcher for a better world
From the start till today, NanoEnTek aims to develop innovative and easy to use products for life science research and help life science researchers consume their time and passion for discovery, instead of repetitive and tedious work. Although NanoEnTek has grown to the company with 150 employees now, global market leader is not an objective to NanoEnTek. NanoEnTek always keeps our initial mission in mind and help researchers contribute for the better world.



606 NRL, Australia

4th Floor Healy Building, 41 Victoria Parade
3065
Fitzroy
Australia

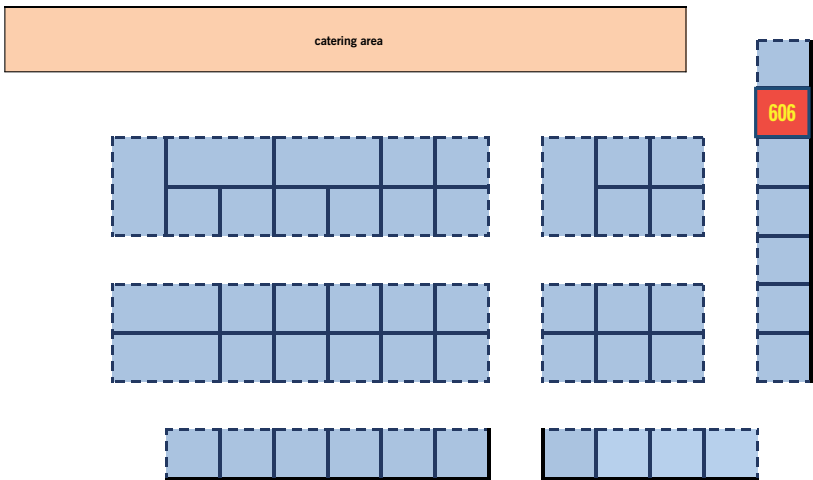
Contact: Wayne Dimech
T: +61394181111
F: +61394181155
E: wayne@nrl.gov.au
W: www.nrl.gov.au

NRL is a not-for-profit, scientific organisation that exists for the benefit of the public. NRL is designated a WHO Collaborating Centre for HIV and other blood-borne infections.

Our Mission: To promote the quality of tests and testing for infectious diseases globally.

Our Goals: NRL seeks to ensure that laboratory results for infectious diseases are of high quality by providing:

- comprehensive and innovative quality assurance services;
- evaluations of tests and test algorithms;
- specialised laboratory testing services;
- training with sustainable outcomes;
- consultation and advice on policy relating to laboratory testing.

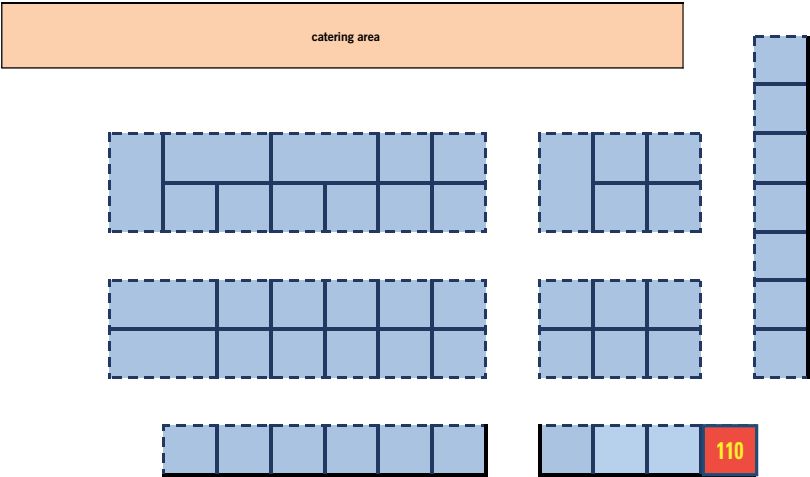


110 Ortho Clinical Diagnostics

2 International Business Park, #07-01, Tower One, The Strategy
609930
Singapore
Singapore

Contact: Nadine Verdoorn
T: +6568276000
F: +6567200741
E: nverdoor@its.jnj.com
W: www.orthoclinical.com

A longer description of our company is: Ortho Clinical Diagnostics is a global in vitro diagnostics leader serving the global clinical laboratory and transfusion medicine communities. Across hospitals, hospital networks, blood banks, and commercial and specialty labs, our high-quality products and services enable healthcare professionals to make better medical decisions to improve and save lives.

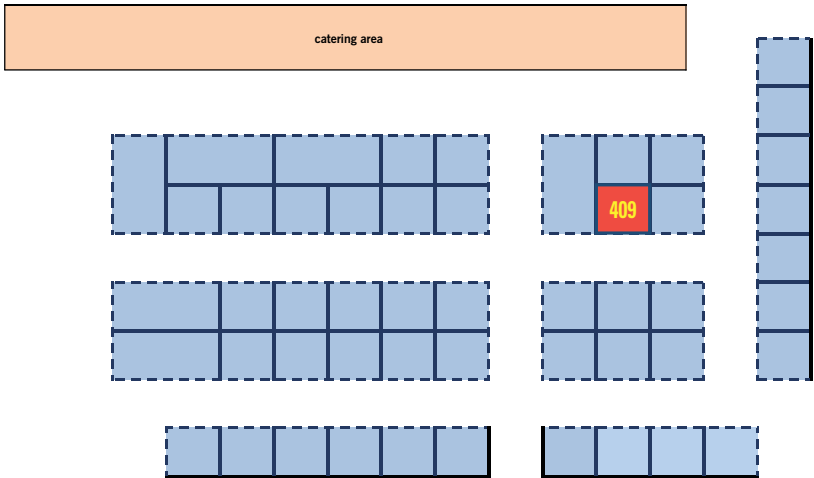


409 PT Medquest Jaya Global

Menara Salemba Lt 6, Jl. Salemba Raya No.5-5A
10440
Jakarta Pusat
Indonesia

Contact: Hadhiyah Listyawati
T: +622139842961
F: +622131937736
E: Hadhiyah.listyawati@medquest.co.id
W: www.medquest.co.id

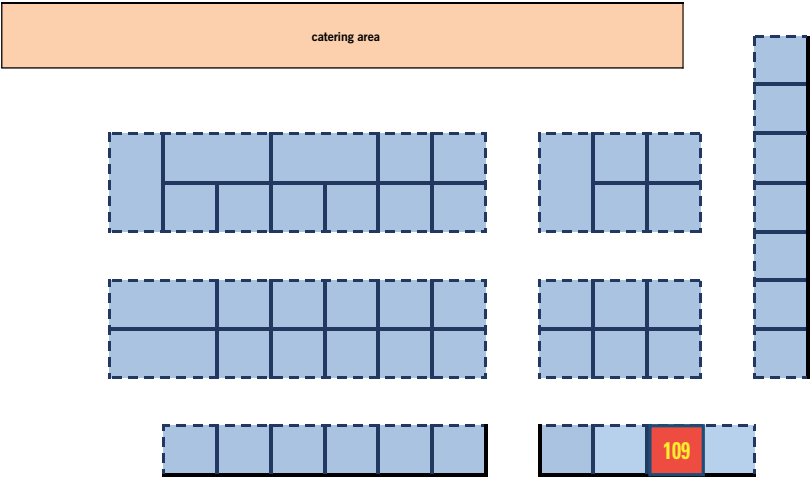
Medquest is a private company for pharmaceuticals and medical devices, certified by Ministry of Health of Republic of Indonesia and National Agency of Drug & Food Control.
We are join with VIPS medical committed to deliver VIPS Plasma and VIPS Cryo solutions in compliance with internationals quality, safety, traceability rules and regulations.
V.I.P.S.Medical is specialized in virus inactivation for plasma and cryoprecipitate with a strong commitment to deliver to Blood Centers high qualified solutions.
We are certified by Ministry of Health of Republic of Indonesia, National Agency of Drug and Food Control, and Novartis Vaccines and Diagnostics.
Medquest have 5 busines groups: Hospital & Clinical Diagnostics, Blood Bank, Life Sciences, and Pharma Vaccines, Projects and Overseas.
Our main customers: Indonesian Red Cross, Hospitals, Ministry of Health, National Narcotics Agency, Research Center and Doctors.
We have 11 branches, spread across in 11 cities in the country.



109 PT. EMS Indoappliances

Wisma Staco, 8th Floor | Jl. Casablanca Kav. 18
12870
Jakarta
Indonesia

Contact: Anton Aditya
T: +62218305746
F: +62218317215
E: anton.aditya@emsindo.com
W: www.emsindo.com

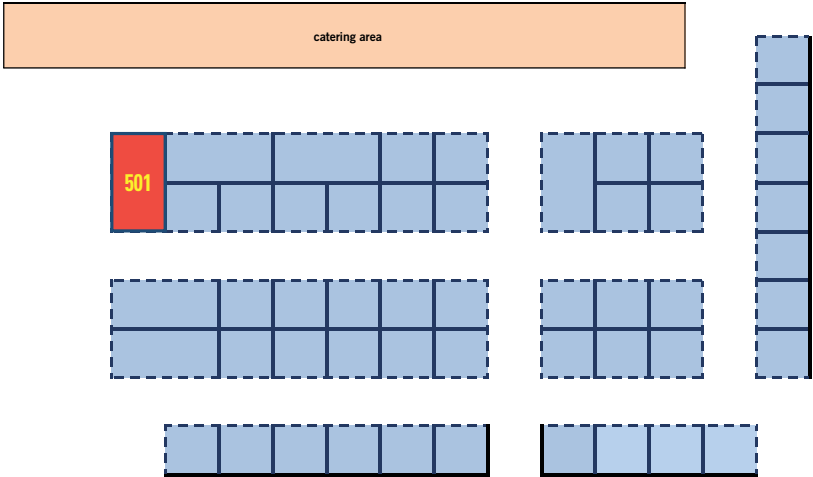


501 Roche Molecular Systems

4300 Hacienda Drive
94588
Pleasanton, CA
United States of America

Contact: Spontaneous Russell
T: +19257308000
F:
E:
W:www.molecular.roche.com

Roche, whose PCR assays have been used since 1998 to screen blood and plasma products, is a leader in the global blood and plasma nucleic acid amplification technology (NAT) screening market. These real-time PCR tests run on the fully automated cobas s 201 and cobas® 6800/8800 systems with ready-to-use reagents requiring only refrigeration. The cobas® test menu is designed to cover eight major viruses: HIV-1 (Groups M & O), HIV-2, HCV, HBV, WNV, HEV, HAV and B19V.* Roche NAT tests and testing platforms are used by over 250 blood banks and plasma fractionators worldwide.
*Not available in all markets.



309 Safetran BioMedical Inc.

3F., No. 1, Alley 16, Lane 120, Lide Road, Beitou Dist.
11259
Taipei
Taiwan R.O.C.

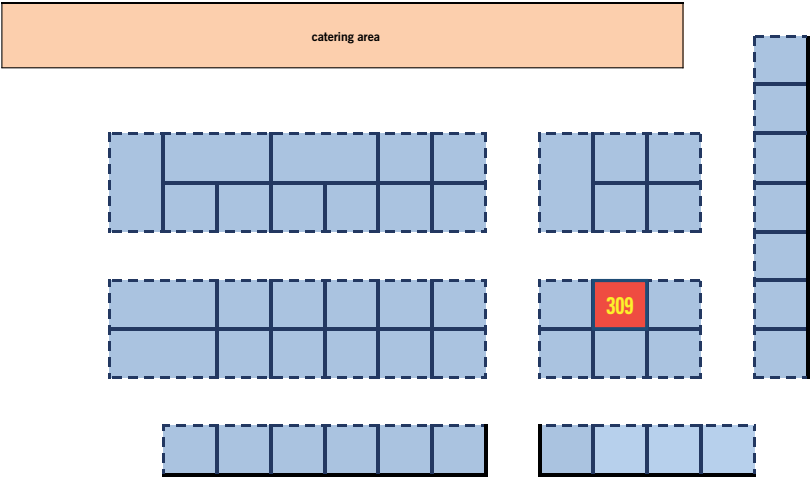
Contact: Joy Chuang
T: +886228765958
F: +886228765955
E:office@safetran.com.tw
W:www.safetran.com.tw

Safetran, a professional hematology therapy platform and service provider, is committed to be a first-class provider of safe and high quality transfusion products. Saferan strives to optimize blood transfusion quality, enhance safety and reduce side effects by supplying high quality products and services built on the most secure transfusion platform.

Safetran provides a range of state-of-the-art products for:

- Transfusion:
- Leukocyte-reduction:
- Filter sets reducing leukocyte up to 4 log to minimize transfusion reaction
- Blood components Apheresis
- Plasma collection for fractionation industry:
- Automatic device and disposables for plasma collection.

Regenerative medicine:
Phoenix: A closed, user- friendly and highly concentrated autologous PRP (Platelet Rich Plasma) collection system.

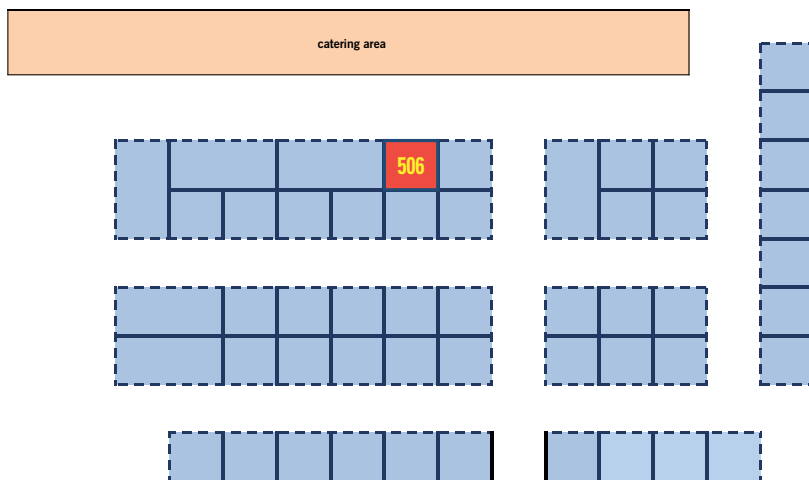


506 Sanquin Reagents

Plesmanlaan 125
1066 CX
Amsterdam
the Netherlands

Contact: Von Lammers
T: +31205123599
F: +31205123570
E: reagents@sanquin.nl
W: www.sanquinreagents.com

Sanquin Reagents is part of Sanquin Blood Supply and has been active in diagnostics for nearly 40 years. Our approach is to think with people, not for people, as no one is alike. We understand that all laboratories need a solution that suits their demands and we strive to support this by offering a solution that fits. Even if this means challenging the status quo. We do this with Magister C24 that is developed for laboratories with low throughput, as we believe this can help them forward. Small is our challenge, and we will prove it!



204 Separation Technology, Inc.

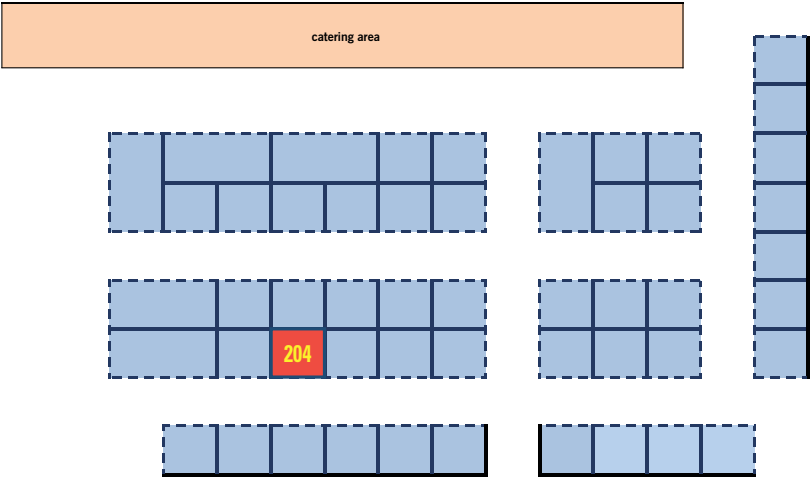
570 Monroe Road, Suite 1008
32771
Sanford, FL
United States of America

Contact: Jami Meeks
T: +14077888791
F: +14077883677
E: custserv@separationtechnology.com
W: www.separationtechnology.com

Separation Technology, Inc. (STI) provides two superior hematocrit/hemoglobin donor screening systems. UltraCrit Plus™ is the only hematocrit/hemoglobin device to use ultrasound technology. The primary advantages are high accuracy results and reduced user subjectivity. Quick results, and easy care supplies make it the perfect device for accurate donor screening.

The HemataSTAT II™ microhematocrit system provides a spun hematocrit in one minute with a very low cost per test. It is the device of choice in all of the plasma collection centers in the United States.

STI has provided advanced solutions to the laboratory marketplace since 1988. Located in the Orlando, Florida area, STI is an EKF Diagnostics company.



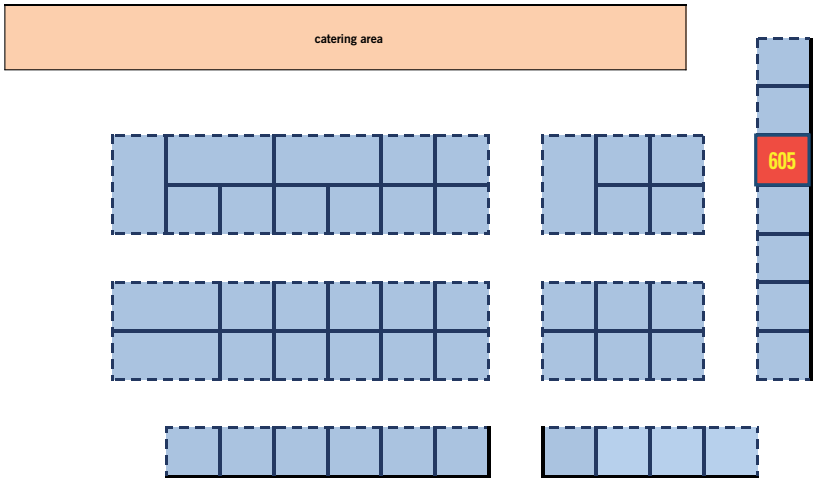
605 Sichuan Nigale Biomedical Co. Ltd

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F: +862885122235
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W: www.nigale.en.alibaba.com

Nigale is an enterprise specialized in manufacturing automated blood processing devices and disposable kits. Our entire products have Chinese SFDA certificates, GMP, ISO13485 and CE marks. Nigale products are mainly used in blood cells separating & filtering plasma exchanging therapy as well as operation room and clinical therapies in hospitals.

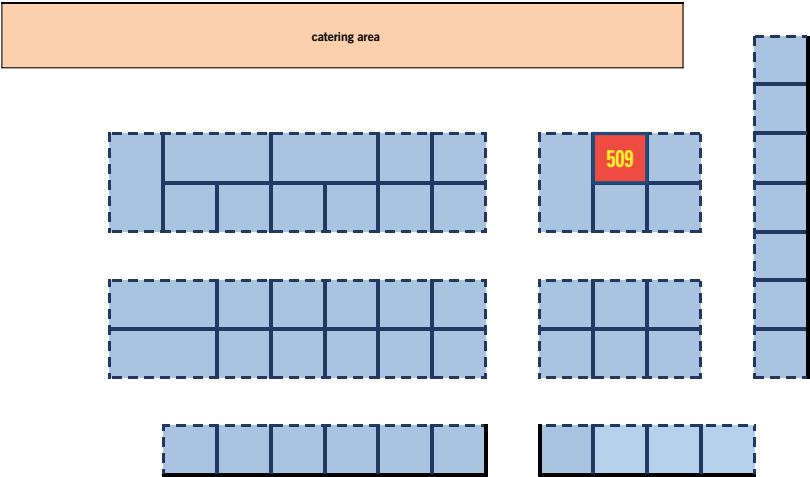


509 Siemens Healthcare GmbH

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Contact: Frank Lübben
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F: +496421396691
E: frank.luebben@siemens.com
W: www.healthcare.siemens.com/infectious-disease-testing

Siemens Healthcare Diagnostics, a global leader in clinical diagnostics, provides healthcare professionals in hospital, reference, and physician office laboratories and point-of-care settings with the vital information required to accurately diagnose, treat, and monitor patients. Our innovative portfolio of performance-driven solutions and personalized customer care combine to streamline workflow, enhance operational efficiency, and support improved patient outcomes.

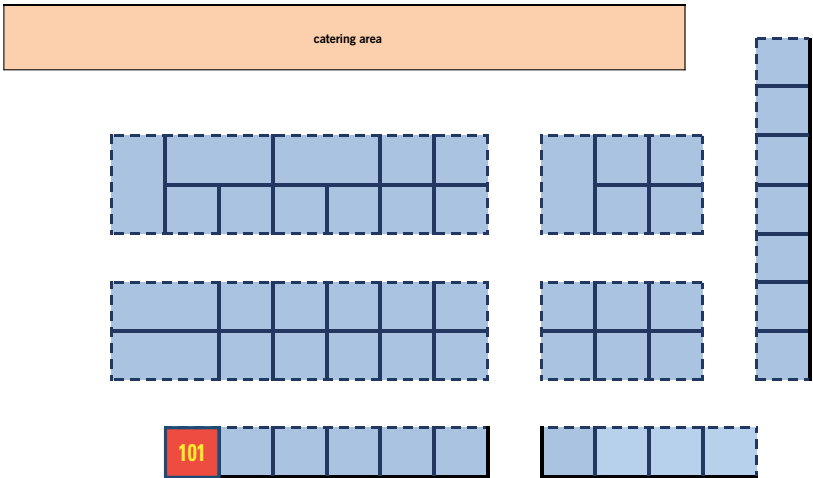


101 Sysmex Asia Pacific Pte. Ltd.

9 Tampines Grande, #06-18
528735
Singapore
Singapore

Contact: Derek Goh
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F: +65 6221 3687
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W: www.sysmex-ap.com

Sysmex is a global market leader in the development and implementation of clinical diagnostic and health IT products and services for laboratories, hospitals and healthcare organizations. We deliver total solutions in the field of clinical laboratory testing, including hematology, hemostasis, urinalysis, clinical chemistry, immunoassay system, life science and flow cytometry. Supplying products and services to customers in more than 150 countries, Sysmex is the market leader in hematology and coagulation instrumentation worldwide. By working together with our customers and business partners, Sysmex is committed to our mission of shaping the advancement of healthcare.

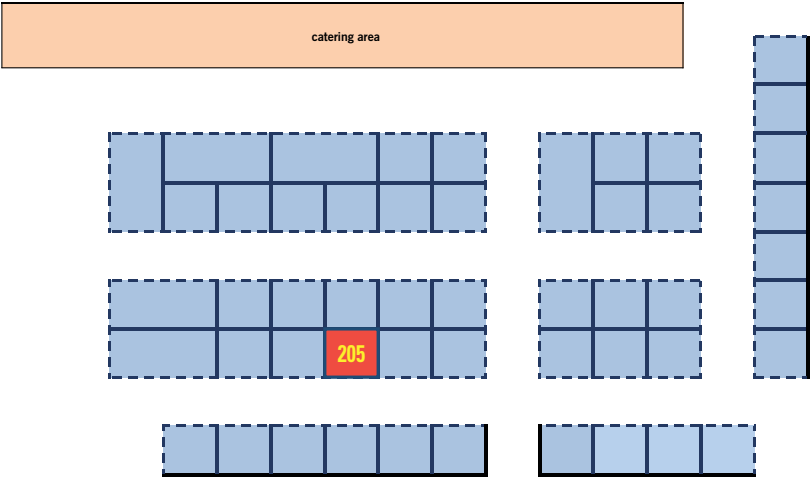


205 Terumo BCT (Asia Pacific) Ltd.

Room 3903-3903A, 39/F., ACE Tower, Windsor House,
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Hong Kong
HKSAR, China

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W: www.terumobct.com

Terumo BCT, a global leader in blood component, therapeutic apheresis and cellular technologies, is the only company with the unique combination of apheresis collections, manual and automated whole blood processing, and pathogen reduction. We believe in the potential of blood to do even more for patients than it does today. This belief inspires our innovation and strengthens our collaboration with customers.



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Blood Components
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Cell and tissue
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Blood Safety



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Laboratory Techniques



Quality and
Management



TTID



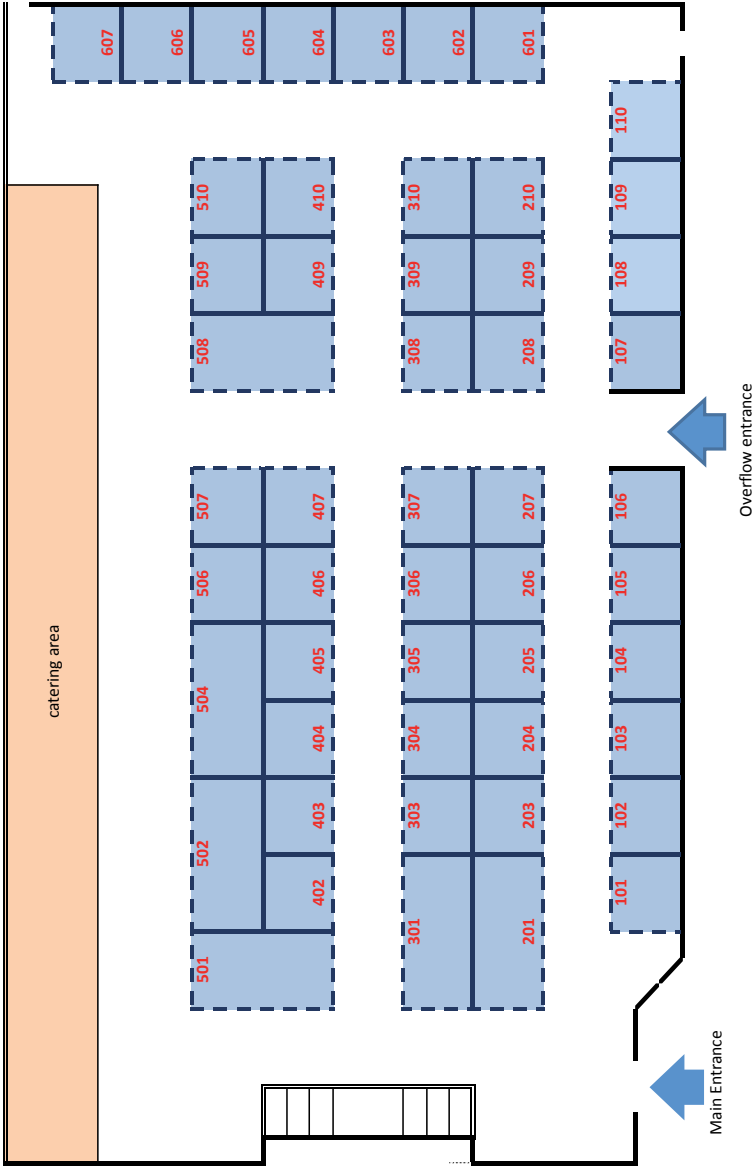
Miscellaneous

- Practice guidelines
- Webcasts
- ePosters
- Learning quizzes
- Presentations
- Abstracts
- Textbooks
- More...

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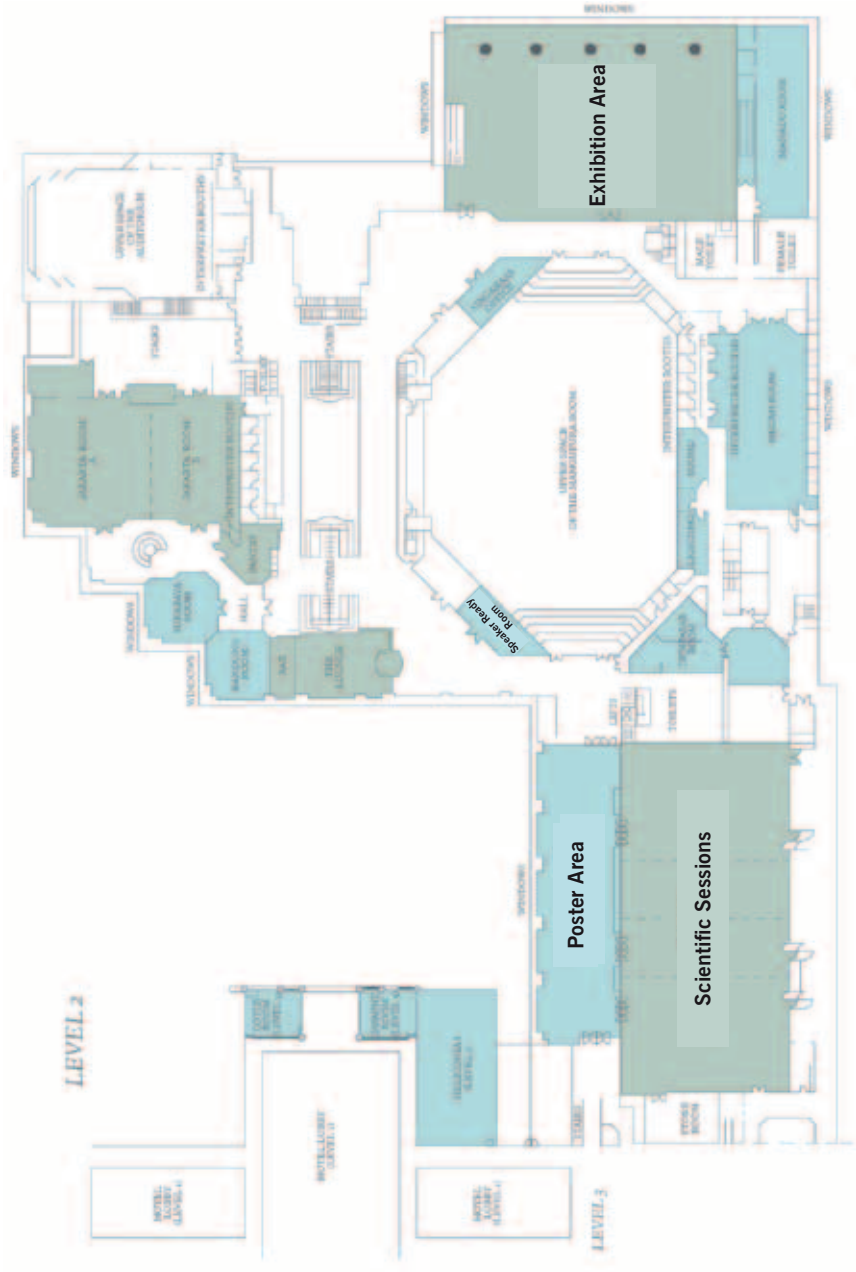
Exhibition Floor Plan

Floor Plan



- | | | | |
|-----|---------------------------------------------------------|-----|-----------------------------------------|
| 603 | 3M Industrial Business Group | 305 | Möller Medical GmbH |
| 301 | Abbott Laboratories (Singapore) Ltd. | 210 | MTC Invitro Diagnostics AG |
| 310 | ACON Laboratories, Inc. | 410 | Nanjing Shuangwei Biotechnology Co., Lt |
| 510 | Andreas Hettich GmbH & Co. KG | 209 | NanoEnTek |
| 306 | Asahi Kasei Medical Co., Ltd. | 606 | NRL, Australia |
| 406 | Ashland Inc. | 110 | Ortho Clinical Diagnostics |
| 601 | B Medical Systems (Formerly Dometic Medical Systems) | 409 | PT Medquest Jaya Global |
| 403 | Barkey GmbH & Co KG | 109 | PT. EMS Indoappliances |
| 102 | Best Theratronics | 501 | Roche Molecular Systems |
| 103 | bioMerieux | 309 | Safetran BioMedical Inc. |
| 607 | Bio-Rad SNC | 506 | Sanquin Reagents |
| 105 | BMS Medicaltech Co., Ltd | 204 | Separation Technology, Inc. |
| 307 | Cerus Corporation | 605 | Sichuan Nigale Biomedical Co. Ltd |
| 602 | Conroy Medical AB | 509 | Siemens Healthcare GmbH |
| 304 | DAY Medical SA | 101 | Sysmex Asia Pacific Pte. Ltd. |
| 206 | Demophorius Limited | 205 | Terumo BCT (Asia Pacific) Ltd. |
| 502 | Diagast | | |
| 507 | DiaSorin S.p.A. | | |
| 404 | Gamma-Service Medical GmbH | | |
| 303 | GFE Blut mbH | | |
| 508 | Grifols (HK) Limited | | |
| 203 | Haemonetics (Hong Kong) Ltd. | | |
| 604 | HemoCue AB | | |
| 107 | ICCBBA | | |
| 201 | Immucor, Inc. | | |
| | International Society of Blood Transfusion | | |
| 106 | Jiaxing Tianhe Pharmaceutical Co., Ltd. | | |
| 108 | JMS Singapore PTE Ltd | | |
| 504 | Kawasumi Laboratories, Inc. | | |
| 207 | Kubota Corporation | | |
| 104 | KW Apparecchi Scientifici | | |
| 405 | Lmb Technologie GmbH | | |
| 208 | Macopharma | | |
| 308 | MAK-System | | |
| 407 | MBR Optical Systems GmbH & Co. KG | | |
| 402 | Merck Millipore | | |

Floor Plan BICC





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Grifols is a global healthcare company proud to celebrate 75 years of improving the health and well-being of people around the world. Our transfusion medicine portfolio – which includes a range of blood testing, blood typing, and blood collection solutions – is designed to support safety from donation through transfusion.

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