

Monday June 28

07.30 - 08.30

## Meet the Expert Breakfast Sessions\*\*

**Parallel Session M1 Platelets: Fetal and neonatal alloimmunothrombocytopenia**

Hall 15.2.2

07.30 - 08.30

3A-M1-01

C. Kaplan, INTS, Paris, France

**Parallel Session M2 Graft versus host disease in transfusion medicine**

Hall 14.2

07.30 - 08.30

3A-M2-01

P. Holland, University of California, Davis Medical Center,  
Walnut Creek, USA

**Parallel Session M3 Hemostasis-driven hemotherapy**

Hall 15.2.1

07.30 - 08.00

3A-M3-01

R. Scharf, University Hospital, Düsseldorf, Germany

08.00 - 08.30

3A-M3-02

R. Zimmermann, University Hospital Erlangen, Erlangen, Germany

\*\*Breakfast will be served

# Monday June 28

**08.30 - 10.00**

**Hall 2**

## **ISBT Academy**

**Effective Donor Management**

*Moderators: J-C. Faber / W. Rüstig*

### **Parallel Session S2**

**08.30 - 09.00**

**3B-S02-01**

DONOR ASSOCIATIONS, A KEY LINK BETWEEN DONORS AND BLOOD ESTABLISHMENTS

N. Mikkelsen, FBDO-FIODS, Frederiksberg, Denmark

**09.00 - 09.30**

**3B-S02-02**

HOW ARE BLOOD DONORS BEST ADDRESSED?

D. de Coning, Malawi Blood Transfusion Service, Fourways, Gauteng, South Africa

**09.30 - 10.00**

**3B-S02-03**

ESTABLISHED WAYS TO KEEP THE DONOR'S INTEREST ALIVE

J. Ringwald, University Hospital Erlangen, Erlangen, Germany

**10.00 - 10.30**

**Coffee break**

# Monday June 28

**08.30 - 10.00**

**Hall 3**

## Parallel Session S3

## From the Lab to the Patient

Immunohematology

*Moderators: F. Décary / P. Schlenke*

**08.30 - 08.50**

**3B-S03-01**

BLOOD GROUP ANTIGENS AND IMMUNE RESPONSES - DETAILED KNOWLEDGE IS NECESSARY TO PREVENT IMMUNISATION AND TO FOLLOW UP IMMUNISED INDIVIDUALS

A. Husebekk, University Hospital of North Norway Trust (UNN), Tromsø, Norway

**08.50 - 09.10**

**3B-S03-02**

BLOOD GROUP GENETICS AND PHYSIOLOGY

J-P. Cartron, Institut National de la Transfusion Sanguine, Paris, France

**09.10 - 09.22**

**3B-S03-03**

AUTOIMMUNE HEMOLYTIC ANEMIA WITH POLYMERIC IGA: DEMONSTRATION OF A DIRECT IMMUNOLOGICAL RECOGNITION BY MONOCYTES AND DESTRUCTION OF RBCS THROUGH HEMAGGLUTINATION, INDEPENDENTLY OF FC-ALPHA-R1

Ph. Chadebecq\* (France), M. Michel, S. Izui, D. Janvier, Ph. Bierling, F. Noizat-Pirenne

**09.22 - 09.34**

**3B-S03-04**

A NOVEL CAUSE OF UNUSUAL BLOOD GROUP PHENOTYPES: MUTATIONS IN GENES ENCODING ERYTHROID TRANSCRIPTION FACTORS

B.K. Singleton\* (United Kingdom), D.J. Anstee

**09.34 - 09.46**

**3B-S03-05**

FUNCTIONAL RECONSTITUTION OF A PURIFIED HUMAN RH/AMMONIA CHANNEL PROTEIN

Y. Colin\* (France), I. Mouro-Chanteloup, S. Cochet, M. Chami, O. Bertrand, P. Ripoche

**09.46 - 09.58**

**3B-S03-06**

THE ERYTHROID MEMBRANE-ASSOCIATED PROTEIN (ERMAP) THAT CARRIES THE SCIANNA BLOOD GROUP ANTIGENS INDUCES A POTENT CYTOTOXIC T CELL RESPONSE

C. Figueiredo\* (Germany), Y. Jaimes, B. Eiz-Vesper, R. Blasczyk, A. Seltsam

**10.00 - 10.30**

**Coffee break**

\*Presenting Author

# Monday June 28

**08.30 - 10.00**

**Hall 15.2.2**

## Quality Management

Impact of hemovigilance for the future

*Moderators: B. Keller-Stanislowski / R. de Vries*

### Parallel Session S4

**08.30 - 09.00**

**3B-S04-01**

HEMOVIGILANCE: LESSONS LEARNED FROM THE PAST  
- FOR THE FUTURE

P. Robillard, Quebec Public Health Institute, Montreal, Canada

**09.00 - 09.12**

**3B-S04-02**

CHARACTERIZATION OF THE HUMAN NEUTROPHIL ANTIGEN  
(HNA) 3A

J. Wesche\* (Germany), A. Greinacher, E. Hammer, U. Völker, B. Füllr,  
A. Reil, J. Bux

**09.12 - 09.24**

**3B-S04-03**

TRANSFUSION ASSOCIATED CIRCULATORY OVERLOAD (TACO):  
RISK FACTORS AND MORTALITY

E. Murphy\* (USA), N. Kwaan, S. Paulukonis, E. Madden,  
P. Bacchetti, M. Koenigsberg, G. Wilson, O. Gajic, P. Toy

**09.24 - 09.36**

**3B-S04-04**

ACTIVE HAEMOVIGILANCE: A EFFICIENT MECHANISM FOR IDENTIFI-  
CATION OF ACUTE TRANSFUSION REACTIONS (ATR) UNREPORTED

M. Addas-Carvalho\* (Brazil), T. Gontijo, R.A.D. Nascimento, K.A.  
Pereira, R. Calil, A.C. Luzo

**09.36 - 09.48**

**3B-S04-05**

DETECTION OF GRANULOCYTE-SPECIFIC ANTIBODIES IN BLOOD  
DONORS USING AUTOMATED HIGH THROUGHPUT SCREENING  
METHODS: FLOW-GIFT

X.D. Nguyen\* (Germany), T. Dengler, M. Göbel, H. Klüter

**09.48 - 10.00**

**3B-S04-06**

GENO- AND PHENOTYPING OF HNA-3A AND HNA-3B

A. Reil\* (Germany), D. Manke, G. Schleif, J. Bux

**10.00 - 10.30**

**Coffee break**

\*Presenting Author

# Monday June 28

**08.30 - 10.00**

**Hall 14.2**

**Parallel Session S5**

## **Cell Therapy: DGTI Special**

Stem cell collection

*Moderators: N. Kalmin / K. Cichutek*

**08.30 - 09.00**

**3B-S05-01**

MOBILISATION OF BLOOD STEM CELLS

J. Di Persio, Washington University School of Medicine, Washington, USA

**09.00 - 09.15**

**3B-S05-02**

DOES ADMINISTRATION OF RH-GCSF TO HEALTHY VOLUNTEERS INDUCE EPIGENETIC ALTERATION IN LYMPHOCYTES?

G. Leitner\* (Austria), M Faschingbauer, G Fischer, G Weigel

**09.15 - 09.30**

**3B-S05-03**

STEM CELL TRANSPLANTATION (SCT) FOR NON-MALIGNANT DISORDERS: IMPACT OF STEM CELLS SOURCE AND DONOR TYPE ON OUTCOME - ANALYSIS OF THE GERMAN REGISTRY FOR STEM CELL TRANSPLANTATION (DRST)

H. Schrezenmeier\* (Germany), U. Feldmann, H. Ottinger, M. Eder, M. Führer, H.-J. Kolb, A. Zander, K. Kolbe, D. Niederwieser, D. Bunjes, R. Schwerdtfeger, K. Welte, C. Müller, G. Ehninger, J. Finke, D. Beelen

**09.30 - 09.45**

**3B-S05-04**

PLERIXAFOR PLUS G-CSF CAN SUCCESSFULLY MOBILISE CD34+ CELLS FROM PATIENTS WHO HAVE PREVIOUSLY FAILED CHEMOTHERAPY AND/OR CYTOKINE MOBILIZATION: THE COMPASSIONATE USE EXPERIENCE IN AUSTRIA

N. Worel\* (Austria), K. Roskopf, H. Agis, D. Nachbaur, H. Kasparu, G. Russ, F. Keil, W. Linkesch, H. Greinix

**09.45 - 10.00**

**3B-S05-05**

PERIPHERAL BLOOD STEM CELL MOBILISATION IN HEALTHY RELATED DONORS – HIGHER RISK OF MOBILISATION FAILURE?

K. Hölig\* (Germany), M. Kramer, M. Blechschmidt, K. Zimmer, F. Kroschinsky, M. Bornhäuser, G. Ehninger

**10.00 - 10.30**

**Coffee break**

\*Presenting Author

# Monday June 28

**08.30 - 10.00**

**Hall 15.2.1**

## **Blood Safety**

Bacterial screening of blood products

*Moderators: C. McDonald / D. de Korte*

### **Parallel Session S6**

**08.30 - 09.00**

**3B-S06-01**

BACTERIAL SCREENING OF BLOOD PRODUCTS

E. Wood, Australian Red Cross Blood Service, Melbourne, Australia

**09.00 - 09.15**

**3B-S06-03**

Q-FEVER AMONG DUTCH BLOOD DONORS

H. Zaaijer\* (Netherlands), B. Hogema, P. Schneeberger, E. Slot,  
M. Molier, H.T.M. Cuijpers

**09.15 - 09.30**

**3B-S06-02**

LOOK-BACK PROCEDURES ON POST-DONATION INFORMATION  
DURING A Q-FEVER OUTBREAK IN THE NETHERLANDS

M van Kraaij\* (Netherlands), E. Slot, S. Karomi, W.L.A.M. de Kort,  
J. Marcelis, H.L. Zaaijer

**09.30 - 09.45**

**3B-S06-04**

APPLICATION OF A NOVEL MULTIPLEX REAL-TIME PCR ASSAY  
FOR SENSITIVE DETECTION OF BACTERIAL CONTAMINATION IN  
PLATELET CONCENTRATES

K. Hofer, M. Danzer, S. Stabentheiner, S. Soner, J. Pröll, C.Gabriel\*  
(Austria)

**09.45 - 10.00**

**3B-S06-05**

RAPID DETECTION OF BACTERIAL CONTAMINATION OF  
PLATELETS USING LASER SCANNING TECHNOLOGY

R.S. Anthony\* (United Kingdom), H. Greetham, S. Pearce,  
H. Owen

**10.00 - 10.30**

**Coffee break**

\*Presenting Author

# Monday June 28

**08.30 - 10.00**

**Hall 7**

**Parallel Session S7**

## **Evidence Based Medicine**

*Moderators: M. Goldman / R. Benjamin*

**08.30 - 08.50**

**3B-S07-01**

WHAT IS EVIDENCE BASED IN TRANSFUSION MEDICINE?

P. Flanagan\*, New Zealand Blood Service, Auckland, New Zealand

**08.50 - 09.02**

**3B-S07-02**

TITRATING ANTI-A AND ANTI-B FOR ABO INCOMPATIBLE RENAL TRANSPLANTATION – RESULTS OF AN EXTERNAL QUALITY ASSESSMENT PILOT EXERCISE

C. Milkins\* (United Kingdom), J. White, D. Benkhaled, M. Rowley

**09.02 - 09.14**

**3B-S07-03**

A MULTI-CENTER STUDY OF THERAPEUTIC EFFICACY AND SAFETY OF PLATELET COMPONENTS PREPARED WITH PATHOGEN INACTIVATION (INTERCEPT™) STORED FOR 6 OR 7 DAYS PRIOR TO TRANSFUSION

M. Lozano\* (Spain), N. Knutson, R. Tardivel, J. Cid, R. Maymo, H.M. Lof, H.P. Roddie, J.P. Pelly, A.R. Docherty, C.D. Sherman, L. Lin, M. Propst, M. Corash, C.V. Prowse

**09.14 - 09.26**

**3B-S07-04**

TRANSFUSION , DISCHARGE HAEMOGLOBIN, AND READMISSION OR DEATH AFTER HIP FRACTURE

J. Wallis\* (United Kingdom), S. Green, S. Avery, R.H. Jay

**09.26 - 09.38**

**3B-S07-05**

FRESH FROZEN PLASMA IN HELLP SYNDROME: FROM MISUSE TO APPROPRIATE USE

G. Carpani\* (Italy), M. Bozzo, E. Betto, A.M. Marconi

**09.38 - 09.50**

**3B-S07-06**

TRENDS IN THE USE OF ELECTRONIC ISSUING (IE AND OTHER PRETRANSFUSION (PTT) TESTING IN THE UK

J. White\* (United Kingdom), C. Milkins, D. Benkhaled, M. Rowley

**10.00 - 10.30**

**Coffee break**

\*Presenting Author

# Monday June 28

**10.30 - 12.00**

**Hall 2**

## **Plenary Session 1**

Debate on Controversies in  
Blood Transfusion Medicine

*Chairpersons: R. Eckstein / P. Flanagan*

*Moderator: P. Strengers*

**10.30 - 11.00**

**PL-01-01**

DATA NOT DOGMAS: REPLACEMENT DONORS VERSUS  
VOLUNTARY NON-RENUMERATED DONORS

J-P. Allain, University of Cambridge, Cambridge, United Kingdom

**11.00 - 11.30**

**PL-01-02**

RELATIVE SAFETY OF APHERESIS VERSUS POOLED  
WHOLE-BLOOD-DERIVED PLATELETS PREPARED BY THE  
BUFFY-COAT METHODE

C. Vamvakas, Cedars-Sinai Medical Center, Los Angeles, USA

**11.30 - 12.00**

**PL-01-03**

CONSENSUS OR CONFRONTATION: IS THIS A POSITIVE WAY  
FORWARD?

D. Watters, IPOPI, Downderry, United Kingdom

**12.00 - 14.00**

**Lunch break and satellite symposia**

Monday June 28

**12.15 - 13.45**

**Hall 15.2.1**

## **Satellite Symposium**

organized by Terumo Europe N.V.

**'A New Look Towards Automation of Blood Component Processing ... Don't Miss the "TACSI" to the Future.'**

Monday June 28

**12.15 - 13.45**

**Hall 15.2.2**

## **Satellite Symposium**

organized by Macopharma

### **'From Stem Cell Collection To Cell Therapy: New Advances In Cell Therapy'**

*Chairman: T. Tonn, Germany*

STEM CELL COLLECTION AND PROCESSING

Luc Sensebe, Tours, France

CELL THERAPY: ECP INDICATIONS

Claudia Del Fante, Pavia, Italy

NEW PROGRESS IN CELL THERAPY "BIOENGINEERING FOR RED  
CELL PRODUCTION"

Luc Douay, Paris, France

**Sat**

# Monday June 28

**12.15 - 13.45**

**Hall 14.2**

## **Satellite Symposium**

organized by Roche Molecular Systems

### **First European Evaluations of Roche's Real-time, Multiplex, Multi-dye PCR Tests for Blood and Plasma Screening**

This symposium focuses on two new blood and plasma screening real-time PCR tests in development at Roche for the cobas s 201 system. The tests are based on multi-dye technology which enables simultaneous detection and identification of multiple viral targets in a single test. This eliminates the need for additional NAT testing to identify the viral target, as required with current tests.

The cobas® TaqScreen DPX Test is a duplex, multi-dye test for the simultaneous detection and quantitation of human parvovirus B19 and the detection of HAV.

The cobas® TaqScreen MPX Test, v2.0, is a multiplex, multi-dye test for the simultaneous detection and identification of HBV DNA, HCV RNA and HIV RNA (including HIV-1 groups M and O and HIV-2 RNA).

Following an overview of B19 and its importance in a clinical setting, the results of a multi-European evaluation of the cobas® TaqScreen DPX Test will be presented. Preliminary data on the evaluation of the cobas® TaqScreen MPX Test, v2.0 by one of the laboratories will also be presented. Finally, advances in PCR technology and the advantages of multiplex, multidye tests over current assays will be discussed.

Monday June 28

**12.15 - 13.45**

**Hall 7**

## **Satellite Symposium**

organized by Octapharma AG

### **Do We Need Plasma for Bleeding Patients?**

THE COPENHAGEN TRANSFUSION CONCEPT

Pär I. Johansson, Transfusion Service, Blood Bank,  
Rigshospitalet and Capitol Region, Denmark

INTRODUCTION OF OCTAPLAS® IN CLINICAL USE IN FINLAND  
DECREASED THE RATE OF SERIOUS ADVERSE REACTIONS

Tom Krusius, Medical Director, Finnish Red Cross Blood Service,  
Finland

BLEEDING TREATMENTS: PLASMA OR SINGLE FACTOR  
CONCENTRATES?

Michael Spannagl, Klinikum der Universität München, München

# Monday June 28

**14.00 - 15.30**

**Hall 2**

**Parallel Session S8**

## **ISBT Academy**

**Blood donation**

*Moderators: C. Tan / J. de Wit*

**14.00 - 14.25**

**3D-S08-01**

DONATING BLOOD: WHAT IS NASTY OR NICE?

D. Teo, Health Sciences Authority, Singapore

**14.25 - 14.50**

**3D-S08-02**

CURRENT STANDARDS OF DONOR SELECTION

C. van der Poel, Sanquin Blood Supply Foundation,  
Amsterdam, Netherlands

**14.50 - 15.15**

**3D-S08-03**

BLOOD DONOR LOSS-OF-CONSCIOUSNESS (VVS): DURATION AND  
MAGNITUDE OF RISK

P. Tomasulo, Blood System, Inc., Scottsdale, Arizona, USA

**15.15 - 15.30**

**3D-S08-04**

TRANSFORMATION OF BLOOD TRANSFUSION SERVICE IN THE  
REPUBLIC OF MACEDONIA: HARMONIZATION WITH EU

O. Todorovska\* (Macedonia), R. Dukovski

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**14.00 - 15.30**

**Hall 3**

**Parallel Session S9**

## From the Lab to the Patient

Plasma and plasma products

*Moderators: M. Müller / A. Street*

**14.00 - 14.20**

**3D-S09-01**

PLASMA DERIVED VERSUS RECOMBINANT CLOTTING FACTORS

C. Negrier, University of Lyon, Lyon, France

**14.20 - 14.40**

**3D-S09-02**

TREATMENT OF HEMOPHILIA PATIENTS FROM A PATIENT'S PERSPECTIVE

C. Smit, Academic Institute IDTM, Groningen, Netherlands

**14.40 - 14.55**

**3D-S09-03**

A NEW TREATMENT STRATEGY FOR HEMOPHILIA BASED ON FACTOR IX MUTEINS TO BYPASS FACTOR VIII

J. Schuttrümpf\* (Germany), P. Milanov, D. Abriss, P. Lyssy, T. Tonn, E. Seifried

**14.55 - 15.10**

**3D-S09-04**

DEHP IN BLOOD PRODUCTS FOR PEDIATRIC USE AND IN FFP

D. de Korte\* (Netherlands), L. de LaLeijne-Liefing, I.J. Bontekoe, P.F. van der Meer

**15.10 - 15.25**

**3D-S09-05**

REDUCTION IN THE USE OF FFP OVER A TEN YEAR PERIOD AFTER IMPLEMENTING AN EDUCATIONAL AND ENFORCEMENT PROGRAM

J. Sweeney\* (USA), M. Tavares, G. Conti, P. DeQuattro, N.L. Nolette

**15.25 - 15.30**

**Discussion**

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**14.00 - 15.30**

**Hall 15.2.2**

## **Quality Management**

Quality control of blood components / cells

*Moderators: G. Andreu / H. Northoff*

### **Parallel Session S10**

**14.00 - 14.30**

**3D-S10-01**

THE RED BLOOD CELL (RBC) PROTEOME

E.M. Pasini, Biomedical Primate Research Centre, Rijswijk, Netherlands

**14.30 - 14.45**

**3D-S10-02**

LYMPHOCYTE SURVIVAL / ACTIVATION IN STORED PLATELET  
CONCENTRATES FOLLOWING GAMMA-IRRADIATION

OR PATHOGEN REDUCTION TECHNOLOGY TREATMENT

Antoniewicz-Papis\* (Poland), J. Wozniak, A. Krzywdzinska,

K. Janik, A. Rosiek, E. Lachert, J. Kopec-Szlezak,

A. Dzieciatkowska, M. Letowska

**14.45 - 15.00**

**3D-S10-03**

QUALITY EVALUATION OF BLOOD COMPONENTS MANUFACTURED  
BY USING A HOLLOW-FIBRE SEPARATION TECHNOLOGY

M. Bohonek\* (Czech Republic), B. Kostrouchova, M. Petras,

T. Hradek, V. Straroprazska, S. Duchkova

**15.00 - 15.15**

**3D-S10-04**

MONITORING OF RED BLOOD CELL (RBC) FLOW PROPERTIES  
FOR QUALITY CONTROL OF BLOOD-BANKED RBC, AND

TREATMENTS FOR IMPROVING THEIR TRANSFUSION OUTCOME

S. Yedgar\* (Israel), A. Koshkaryev, H. Relevy, M. Manny, O. Zelig, G.

Barshtein

**15.15 - 15.30**

**3D-S10-05**

DEVELOPING ERROR MANAGEMENT CULTURE IN EGYPTIAN NBTS

S. Shabayek\* (Egypt), F. Moftah, A. Ahmed

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**14.00 - 15.30**

**Hall 14.2**

## Cell Therapy

Regenerative medicine

*Moderators: H. Bönig / N. Kalmin*

### Parallel Session S11

**14.00 - 14.30**

**3D-S11-01**

STEM CELL THERAPY OF CARDIOVASCULAR DISEASES

T. Tonn, German Red Cross Blood Service, Dresden, Germany

**14.30 - 14.42**

**3D-S11-02**

THERAPEUTIC ANGIOGENESIS WITH CELLULAR THERAPY:

PRO – ANGIOGENIC INDUCTION OF MYELOID CELLS CAN FAVOR  
MAPK P38 – DEPENDENT FOAM CELL DEVELOPMENT

E. Rohde\* (Austria), K. Schallmoser, A. Reinisch, N.A. Hofmann,  
G. Lanzer, D. Strunk

**14.42 - 14.54**

**3D-S11-03**

IRON-PLLA PARTICLES FOR IMAGING OF IN VIVO TRAFFICKING  
AND HOMING OF HUMAN MESENCHYMAL STEM/STROMAL  
CELLS VIA MRI

G. Schmidtke-Schrezenmeier\* (Germany), V. Rasche, M. Urban,  
N. Fekete, M. Rojewski, R. Henschler, E. Rohde, K. Landfester,  
H. Schrezenmeier

**14.54 - 15.06**

**3D-S11-04**

THE ROLE OF CXCR1 AND CXCR2 RECEPTORS ON EXPANSION AND  
DIFFERENTIATION OF UMBILICAL CORD BLOOD CD133+ CELLS

E. Khalaf Adeli\* (Iran), M. Kheirandish, H. Abolghassemi, Z.  
Pourpak, S.D. Siadat, A. Noroozi Aghideh, S. Haghbin, A. Kiaeefar,  
F. Kami, L. Ebrahimi

**15.06 - 15.18**

**3D-S11-05**

USE OF AUTOLOGOUS GROWTH FACTORS IN SORES, OBTAINED  
FROM HEAT-ACTIVATED PLATELETS

D. Flores\* (Mexico), J. Fernandez, A. Arroyo, J. Salazar, J. Rojo

**15.18 - 15.30**

**3D-S11-06**

MESENCHYMAL STROMAL CELLS SHOW ENHANCED MIGRATION  
TO HEART AFTER PRE-TREATMENT WITH TNF- $\alpha$  ACUTE  
MYOCARDIAL INFARCT

K. Kollar\* (Australia), C. Blair, I. Ahmed, M. Feneley, K. Atkinson, G. Brooke

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**14.00 - 15.30**

**Hall 15.2.1**

## **Blood Safety**

Hepatitis associated with blood transfusion

*Moderators: J-P. Allain / C. Gabriel*

### **Parallel Session S12**

**14.00 - 14.30**

**3D-S12-01**

OCCULT HEPATITIS - STILL A RISK FOR TRANSFUSIONS?

C. Velati, Sondrio Hospital, Sondrio, Italy

**14.30 - 14.45**

**3D-S12-02**

HEPATITIS B VIRUS VARIANTS IN HBSAG-NEGATIVE, ANTI-HBC POSITIVE BLOOD DONORS: INFECTIVITY, PATHOGENICITY AND VARIABILITY

W. Gerlich\* (Germany), S. Wienzek, U.C. Wend, E. Dickmeiss, M. Saniewski, M. Chudy, D. Glebe, A. Lattermann, C.G. Schüttler, L. Harritshoj, H. Ullum, W.R. Willems

**14.45 - 15.00**

**3D-S12-03**

HBV MUTANT SURFACE ANTIGEN FROM OCCULT HBV INFECTION: A THREAT TO BLOOD SAFETY

E.Ch. Mira\* (United Kingdom), J.P. Allain

**15.00 - 15.15**

**3D-S12-04**

THE GLOBAL SPREAD OF HEPATITIS C VIRUS 1A AND 1B: A PHYLODYNAMIC AND PHYLOGEOGRAPHIC ANALYSIS

G. Magiorkinis\* (Greece)

**15.15 - 15.30**

**3D-S12-05**

SENSITIVITY OF 13 HEPATITIS B SURFACE ANTIGEN ASSAYS FOR MUTANTS DETECTION

A. Servant-Delmas, T.D. Ly, M. Mercier, F. Wind, C. Alloui, C. Sureau, S. Laperche\* (France)

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**14.00 - 15.30**

**Hall 7**

**Parallel Session S13**

## **Fetal Maternal Immunology**

*Moderators: S.J.Urbaniak / T. Legler*

**14.00 - 14.15**

**3D-S13-01**

NON-INVASIVE FETAL BLOOD GROUP GENOTYPING WITH DNA FROM MATERNAL PLASMA: A SEVEN-YEAR CLINICAL EXPERIENCE  
M. de Haas\* (Netherlands), P.G. Scheffer, C.E. van der Schoot, B.E.M. Bossers, P.C. Ligthart, L.D.M. Schuitemaker

**14.15 - 14.30**

**3D-S13-02**

EVALUATION OF 26 SINGLE NUCLEOTIDE POLYMORPHISMS AS INTERNAL CONTROLS IN PRENATAL DIAGNOSIS OF FETAL BLOOD GROUPS  
A. Doescher\* (Germany), Th.M. Müller, K. Petershofen, F. Wagner

**14.30 - 14.45**

**3D-S13-03**

NON-INVASIVE FETAL BLOOD GROUP GENOTYPING: THE DECADE OF POLISH EXPERIENCE  
A. Orzińska\* (Poland), K. Guz, I. Kopec, B. Michalewska, M. Nowaczek-Migas, M. Brojer

**14.45 - 15.00**

**3D-S13-04**

BLOOD GROUP GENOTYPE IN DETERMINATION OF FETO-MATERNAL RED BLOOD CELLS INCOMPATIBILITY STATUS: EXPERIENCE OF THE FRENCH NATIONAL CENTER FOR PERINATAL HEMOBIOLOGY (CNRHP)  
N. Da Silva\* (France), O. Oudin, P. Saulet, M. Oger, C. Rouillac-Le Sciellour, M. Menu, Y. Brossard, A. Cortey, B. Carbonne, A. Mailloux

**15.00 - 15.15**

**3D-S13-05**

FETAL RHD GENOTYPING BY ANALYSIS OF MATERNAL PLASMA IN A MIXED POPULATION  
D.R. Amaral, L. Castilho\* (Brazil)

**15.15 - 15.30**

**3D-S13-06**

DETECTION OF FETAL RHD DNA IN MATERNAL PLASMA IN EARLY PREGNANCY IN AN ANTENATAL SCREENING PROGRAM  
A. Wikman\* (Sweden), E. Tiblad, A. Karlsson, M. Westgren, J. Lundahl

**15.30 - 16.00**

**Tea break**

\*Presenting Author

# Monday June 28

**16.00 - 17.30**

**Hall 2**

## **ISBT Academy**

**Blood component preparation**

*Moderators: M. El Ekiaby / H.E. Heier*

### **Parallel Session S14**

**16.00 - 16.20**

**3E-S14-01**

ESSENTIAL PARAMETERS DURING BLOOD DONATION

M. Müller-Steinhardt, German Red Cross Blood Service, Mannheim, Germany

**16.20 - 16.40**

**3E-S14-02**

PROCESSING OF WHOLE BLOOD INTO CELLULAR COMPONENTS AND PLASMA

D. Devine, Canadian Blood Services, Vancouver, Canada

**16.40 - 17.00**

**3E-S14-03**

MULTICOMPONENT APHERESIS

J. Zingsem, Universitätsklinikum Erlangen, Erlangen, Germany

**17.00 - 17.20**

**3E-S14-04**

PATHOGEN INACTIVATION - AN UPDATE OF CLINICAL AND EXPERIMENTAL DATA

M. Lozano, Hemotherapy and Hemostasis, Hospital Clinic, Barcelona, Spain

**17.20 - 17.30**

**Discussion**

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

# Monday June 28

**16.00 - 17.30**

**Hall 3**

## From the Lab to the Patient

Platelet transfusion

*Moderators: J. Wallis / G. Pindur*

### Parallel Session S15

**16.00 - 16.30**

**3E-S15-01**

OPTIMAL TIMING AND DOSING OF PLATELET TRANSFUSIONS  
N. Heddle, McMaster University, Hamilton, Canada

**16.30 - 16.45**

**3E-S15-02**

IN VIVO ASSESMENT OF AN ASN-297-LINKED N-GLYCAN MODIFIED HPA-1A-SPECIFIC MONOCLONAL ANTIBODY FOR THE TREATMENT OF NEONATAL ALLOIMMUNE THROMBOCYTOPENIA  
T. Bakchoul\* (Germany), U.J. Sachs, G. Bein, S. Santoso

**16.45 - 17.00**

**3E-S15-03**

CRITICAL POINTS FOR EFFECTIVE SUPPLY OF HLA-COMPATIBLE PLATELET CONCENTRATES (HLA-PC)  
H. Ikeda\* (Japan), H. Sakagawa, T. Miyazaki, S. Sato, T. Kato

**17.00 - 17.15**

**3E-S15-04**

EVIDENCE OF STRESS GRANULE FORMATION IN BLOOD PLATELETS DURING STORAGE SUPPORTS ONGOING PROTEIN SYNTHESIS  
P. Schubert\* (Canada), V. Chow, B. Culibrk, D.V. Devine

**17.15 - 17.30**

**3E-S15-05**

PLATELET-FREE HEMOTHERAPY IN PATIENTS WITH CONGENITAL PLATELET RECEPTOR ABNORMALITIES: SUCCESSFUL BLEEDING PROPHYLAXIS WITH RECOMBINANT ACTIVATED FACTOR VIIA FOR ELECTIVE SURGERY  
R. Scharf\* (Germany), B. Bomke, T. Hoffmann

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

\*Presenting Author

# Monday June 28

**16.00 - 17.30**

**Hall 15.2.2**

**Parallel Session S16**

## **Quality Management**

Regulation of plasma derivatives

*Moderators: R. Seitz / P. Strengers*

**16.00 - 16.20**

**3E-S16-01**

ENHANCING THE GLOBAL AVAILABILITY OF PLASMA

A. Padilla, Essential Medicines, Geneva, Switzerland

**16.20 - 16.40**

**3E-S16-02**

GOOD PRACTICE IN PLASMA COLLECTION AND FRACTIONATION

Ch. Schärer, Swissmedic, Bern, Switzerland

**16.40 - 17.00**

**3E-S16-03**

DOCUMENTATION OF QUALITY: THE PLASMA MASTER FILE

W.M. Dodt, Paul-Ehrlich-Institut, Langen, Germany

**17.00 - 17.20**

**3E-S16-04**

OPTIMAL USE OF BLOOD PRODUCTS: PROCEEDINGS OF AN  
EDQM MEETING IN WILDBAD KREUTH

W. Schramm, University Munich, Germany

**17.20 - 17.30**

**Discussion**

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

# Monday June 28

**16.00 - 17.30**

**Hall 14.2**

**Parallel Session S17**

## Cell Therapy

Cellular immunotherapy

*Moderators: R. Blasczyk / K. Bieback*

**16.00 - 16.30**

**3E-S17-01**

REGULATORY T CELLS IN ORGAN TRANSPLANTATION

G. Bein, University of Giessen, Germany

**16.30 - 16.45**

**3E-S17-02**

ADOPTIVE THERAPY BY TRANSFUSING THIRD-PARTY TOLEROGENIC DENDRITIC CELLS CAN SUPPRESS ACUTE GRAFT-VERSUS-HOST DISEASE IN ALLOGENEIC BONE MARROW TRANSPLANTATION

J. Yang\* (China)

**16.45 - 17.00**

**3E-S17-03**

BRUTON'S TYROSINE KINASE (BTK) MEDIATES LIPOPOLYSACCHARIDE-DEPENDENT HEME OXYGENASE-1 GENE ACTIVATION VIA THE NRF2 SIGNALING PATHWAY IN MACROPHAGES

V. Vijayan, E. Baumgart-Vogt, S. Immenschuh\* (Germany)

**17.00 - 17.15**

**3E-S17-04**

EFFICIENT CROSS-PRESENTATION BY HEAT SHOCK PROTEIN 70-PEPTIDE COMPLEXES CAN SIGNIFICANTLY INCREASE ANTIVIRAL T-CELL-RESPONSES

S. Tischer\* (Germany), M. Basila, B. Maecker-Kolhoff, C. Figueiredo, S. Immenschuh, R. Blasczyk, B. Eiz-Vesper

**17.15 - 17.30**

**3E-S17-05**

EXPERIENCE OF CYTOTOXIC T LYMPHOCYTE THERAPY AT AICHI MEDICAL UNIVERSITY HOSPITAL

A. Katai\* (Japan), K. Yoshikawa, H. Kato, M. Uruma, T. Ando, I. Okubo, K. Matubara, T. Kashiwagi, R. Niwa, M. Hayashi, A. Shimizu, S. Gao, S. Takamoto

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

\*Presenting Author

# Monday June 28

**16.00 - 17.30**

**Hall 15.2.1**

## **Blood Safety**

**Infectious diseases in transfusion medicine I**

*Moderators: E. Castro Izaguirre / Y.M. Zhu*

### **Parallel Session S18**

**16.00 - 16.30**

**3E-S18-01**

CURRENT RELEVANCE OF ARBOVIRUS INFECTIONS IN TRANSFUSION MEDICINE

A. Andonov, Public Health Agency of Canada, Winnipeg, Canada

**16.30 - 16.45**

**3E-S18-02**

DENGUE DONOR VIREMIA DETERMINED BY RNA AND NS1 ANTIGEN, AND DETECTION OF DENGUE TRANSFUSION TRANSMISSION DURING THE 2007 DENGUE OUTBREAK IN PUERTO RICO

S. Stramer\* (USA), M. Linnen, M. Carrick, Ch. Bentsen, P. Krysztof, E. Hunsperger, L. Muoz, Y. Dodd

**16.45 - 17.00**

**3E-S18-03**

GENETIC EVOLUTION OF WEST NILE VIRUS (WNV) CIRCULATING IN THE US FROM 2002 – 2009 ALLOWED INTENSIFIED VIRAL SPREAD

M. Rios\* (USA), M. Rios, A. Grinev, C. Chancey, D. Sylvester, S. Caglioti, V. Winkelman, K.J. Land

**17.00 - 17.15**

**3E-S18-04**

H1N1 AND BLOOD TRANSFUSION. A POSSIBLE CASE OF TRANSFUSION RELATED TRANSMISSION. CASE REPORT

A. Leite\* (Portugal), C. Koch, C. Monteiro, A. Salselas, M. Carvalho, L. Gonçalves, L.M. Cunha Ribeiro

**17.15 - 17.30**

**3E-S18-05**

WNV NAT SCREENING ON BLOOD AND TISSUE DONORS OF VENEZIA (ITALY) DISTRICT FROM SETEMBER TO NOVEMBER 2009

M. Favarato\* (Italy), P. Barin, A. Ciappa, G. Marchiori

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

\*Presenting Author

# Monday June 28

**16.00 - 17.30**

**Hall 7**

## **Discussion Forum**

Transfusion Medicine in Developing Countries

*Moderators: P. Ganz / J.-C. Faber*

### **Parallel Session S19**

**16.00 - 17.30**

**Topics:**

DONORS, DONATION PROCESS, SCREENING, PROCESSING,  
STORAGE, TRANSPORT/LOGISTICS, BLOOD SUPPLY, BLOOD USE

**Speakers:**

J.P. Allain\* (United Kingdom)  
N. Dhingra\* (Switzerland)  
J-C. Faber\* (Luxembourg)  
S. Hindawi\* (Saudi Arabia)  
R. Reddy\* (South Africa)

**17.30 - 19.00**

**Poster Walk (Hall 11.1) Satellite Symposia (Hall 14.2 and 15.2.1)**

**19.00 - 20.00**

**Poster Walk Party (Hall 11.1)**

# Monday June 28

**17.30 - 19.00**

**Hall 14.2**

## **Satellite Symposium**

organized by Genzyme

### **'Emerging Role of Plerixafor in Stem Cell Mobilisation and Apheresis'**

WELCOME AND INTRODUCTION

Christian Chabannon, Marseille, France

PLERIXAFOR – A SELECTIVE CXCR4 ANTAGONIST AND STEM CELL MOBILISER  
Catarina Geraldes, Coimbra, Portugal

POOR MOBILISATION OF HAEMATOPOIETIC STEM CELLS IN AUTOLOGOUS TRANSPLANTATION

Nina Worel, Vienna, Austria

PLERIXAFOR EXPERIENCE IN CLINICAL PRACTICE

Kenny Douglas, Glasgow, United Kingdom

TAILORED MOBILISATION AND HARVEST STRATEGIES FOR COLLECTION OF AUTOLOGOUS HAEMATOPOIETIC PROGENITOR CELLS

Andreas Humpe, Kiel, Germany

SUMMARY AND CLOSE

Christian Chabannon, Marseille, France

**Sat**

Monday June 28

**17.30 - 19.00**

**Hall 15.2.1**

## **Satellite Symposium**

organized by Alexion Pharma

### **PNH and Transfusion Medicine: an Update**

*Chairs: Hubert Schrezenmeier, Ulm, Germany / Anita Hill, Bradford, United Kingdom*

#### INTRODUCTION

Hubert Schrezenmeier, Ulm, Germany  
Anita Hill, Bradford, United Kingdom

Pathophysiology and Differential Diagnostics of Hemolytic Anemia  
Stephen Richards, Leeds, United Kingdom

TRANSFUSION BURDEN AND TRANSFUSION STRATEGY IN  
PAROXYSMAL Nocturnal Hemoglobinuria  
Hubert Schrezenmeier, Ulm, Germany

TARGETED TREATMENT OF PNH: CLINICAL TRIALS AND  
CURRENT STRATEGIES  
Anita Hill, Bradford, United Kingdom

PANEL DISCUSSION  
Hubert Schrezenmeier, Ulm, Germany  
Anita Hill, Bradford, United Kingdom