

Tuesday June 29

**17.30 - 18.30**

**Hall 11.1**

**Poster Walk**

Tuesday June 29

Management and Organisation

## 1.1 Organisational Issues

*Poster walk moderators: G. Folléa / P. Strengers*

P-0002 - BLOOD SAFETY IN THE EASTERN MEDITERRANEAN REGION

A. Al Amiri\* (United Arab Emirates)

P-0004 - THE DUBLIN CONSENSUS STATEMENT ON KEY GLOBAL

ISSUES RELATING TO BLOOD AND PLASMA - B. O Mahony\* (Ireland)

P-0006 - BLOOD SERVICE IN MOSCOW (EXPERIENCE OF A  
GOVERNMENTAL PROGRAM IN 2009)

O. Maiorova\* (Russian Federation), A. Lozhkin, A. Odintsova,  
K. Momotjuk, I. Vlasov,

P-0008 - SIX SIGMA CULTURE AS A MANAGEMENT PRINCIPLE

M. Tata\* (USA), P. Covert, J. McCreary

P-0010 - HOW HUMAN FACTORS CONTRIBUTE TO 'WRONG

BLOOD IN TUBE' (WBIT) EVENTS IN EMERGENCY DEPARTMENTS

A. Jeffcott\* (Australia), P. Cameron, C. Steele, M. Polizzotto, L. Phillips, E. Wood

P-0012 - PROFILE OF BANDUNG BLOOD TRANSFUSION  
SERVICE,INDONESIAN RED CROSS

Y. Djoecho\* (Indonesia), Y. Niraini, Ch. Amri, W. Suryawidjaja

P-0014 - REMOTE CHARACTERISATION OF BLOOD BANKS:

HOW TO SAVE TIME, MONEY AND PRESERVE THE PLANET

P. Ligot\* (France), R. Courbil, P. Fabrigli, O. Garraud

P-0016 - HOW DO PATIENTS ARRANGE FOR BLOOD FOR

TRANSFUSION- NOTES FROM SOUTH INDIA - T. Tetali\* (India)

P-0018 - THE CREATION OF A NATIONAL BLOOD SERVICE IN CHILE:

BENEFITS OF AN INTERNATIONAL NETWORK AND A LONG TERM

COOPERATION AGREEMENT BETWEEN THE ENGLISH NATIONAL

BLOOD SERVICE AND THE CHILEAN HEALTH MINISTRY

L. Sullivan\* (United Kingdom), M. Contreras, S. Morgan, C. Martinez

\*Presenting Author

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## Management and Organisation

### 1.2 Information Technology

*Poster walk moderators: P. Ashford / A. Markovic*

P-0022 - INFORMATION TECHNOLOGY SYSTEM FOR BLOOD DONORS  
IN THE BULGARIAN MILITARY MEDICAL ACADEMY

R. Popov\* (Bulgaria), N. Petrov

P-0024 - KEY PERFORMANCE INDICATORS: A NEW REPORT ADDED  
TO THE OUTCOME REVIEW REPORT SUITE

F Hofman\* (Belgium)

P-0026 - A DRAFT STANDARD FOR INTERFACES BETWEEN BLOOD  
ESTABLISHMENT COMPUTER SYSTEMS AND INSTRUMENTS

P. Ashford\* (United Kingdom), P. Bruce, R. Skagestad,

P-0028 - AN OPERATIONAL COMPARISON OF THE ATREUS  
3C WHOLE BLOOD SYSTEM TO CURRENT COMPONENT  
MANUFACTURING PROCESSES

M. Jurado\* (Spain), M. Algora, S. Vlco, I. Garcia, R. Prieto, L. Barbolla

P-0030 - WORKSHOP ON ISBT RFID GUIDELINE

R. Knels\* (Germany), R. Davis

P-0032 - ASSESSMENT OF DATA EXCHANGE IMPROVEMENT IN  
TRANSFUSION MEDICINE : CAN THE EDITAL DATABASE BE EXTENDED  
FROM REGIONAL TO NATIONAL LEVEL?

A. Doly\* (France), J. Casteuble, R. Courbil, M. Reichstadt, P. Fressy,  
O. Garraud

## Tuesday June 29

### Management and Organisation

### 1.3 Cost/Effectiveness

*Poster walk moderators: S. Morgan / R. Zimmermann*

P-0036 - UTILITY OF AUTOMATION IN ENHANCING PRODUCTIVITY IN A BLOOD BANK LABORATORY-A CASE STUDY

R. Menon\* (India)

P-0038 - TRIMA ACCEL® EFFICIENCY ENHANCEMENT BY USING OUTCOME REVIEW REPORTING SOFTWARE

F Hofman\* (Belgium)

P-0040 - USING LEAN THINKING TO IDENTIFY AREAS FOR INCREASED OPERATIONAL EFFICIENCIES IN PRETRANSFUSION TESTING

S.F. South\* (USA), J. Freeman, L.L. Woods

P-0042 - IMPROVING THE FINANCING OF BLOOD TRANSFUSION SERVICES IN INDONESIA THROUGH COSTING EXERCISE

Y. Soedarmono\* (Indonesia), Y. Yusuf

P-0044 - ARE WE USING APHERESIS PLATELETS (AP-PC) COST EFFECTIVELY?

D.A.K. Gunasekera\* (Sri Lanka), B.M.G.M.P Adikarama

P-0046 - MEASURING INDIVIDUAL COLLECTION SESSION PERFORMANCES: RECENT EXPERIENCE FROM EFS

G. Follea\* (France), F. Bigey, C. Adjou, C. Baudry, B. Pelletier, C. Lazaygues, F. Charpentier, S. Refray, B. Cuneo, M. Tyly, R. Pappo, P.A. Halbout, V.Porra, E. Jansen

P-0048 - SURVIVAL RATE AMONG RECIPIENTS OF BLOOD IN A MAIN PUBLIC HOSPITAL IN SAO PAULO, BRAZIL

L. Capuani\* (Brazil), B. Custer, T.T. Goncalvez, E.L. Jing, P.P. Silva, J.E. Ferreira, D.F. Chamone, E. Murphy, M.P. Busch, E.C. Sabino, NHLBI For the REDS II International

P-0050 - AUTOLOGOUS COLLECTIONS AND TRANSFUSION PRACTICES IN THE UNITED STATES IN LIGHT OF A SAFE BLOOD SUPPLY

A. Holmberg\* (USA), B. Whitaker

P-0052 - ESTIMATING SURVIVAL AFTER BLOOD TRANSFUSION FOR COST-EFFECTIVENESS EVALUATIONS OF SAFETY INTERVENTIONS  
M.P. Janssen\* (Netherlands), B.A. Borkent-Raven, C.L. Van der Poel

## Tuesday June 29

Management and Organisation

### 1.4 Training and Education

*Poster walk moderators: W. Madla / T. Vuk*

P-0054 - SUCCESSFUL REDUCTION IN BLOOD USAGE AS A RESULT OF EDUCATIONAL STAFF MEETINGS  
S. Bernvil\* (Denmark), B.F. Rangaard

P-0056 - AN EVALUATION OF STUDENTS' PERCEIVED GAIN IN KNOWLEDGE AFTER COMPLETING A TWO-YEAR POSTGRADUATE DIPLOMA IN TRANSFUSION MEDICINE  
T.J. Nel\* (South Africa), V.J. Louw, P.N. Badenhorst, E.J. Leipoldt

P-0058 - NEW EDUCATIONAL NEEDS FOR THE OPERATORS OF TRANSFUSION MEDICINE SERVICES: OUR EXPERIENCE  
G.M. Leonardi\* (Italy), L. Paesano, M. D'Onofrio, C. Zecca, T. Sem, R. Pecora, C. Nocera

P-0060 - TRAINING ON TRANSFUSION MEDICINE IN REPUBLIC OF TAJIKISTAN  
B. Bahovadinov\* (Tajikistan), A. Muratov, D. Hamraeva, K. Zaripov

P-0062 - EVALUATING THE IMPACT OF EXTERNAL PERFORMANCE EVALUATION OF TRANSFUSION-TRANSMITTED INFECTIONS PROGRAMME IN ARGENTINA  
M.C. Latini\* (Argentina), S. Okanian, C. Fernandez, N. Liria, M.C. Remesar, A.E. del Pozo

P-0064 - AN ASSESSMENT OF DIFFICULTIES ENCOUNTERED BY THE BLOOD BANK STAFF WHEN PRIORITIZING REQUESTS FOR BLOOD AND BLOOD PRODUCTS IN THREE MAIN TEACHING HOSPITALS IN COLOMBO, SRI LANKA  
A.N. Yapa\* (Sri Lanka), M.C.P.K. Bandara, S. Edirisinghe

P-0066 - QUALITY IMPROVEMENT MONITORING IN HOSPITAL BLOOD BANKS

S. Sharifi\* (Iran), A. Chegini, F. Asgaripoor, M. Mirrezaie, H. Sadegh

P-0068 - IMPLEMENTATION OF EDUCATIONAL PROGRAM OF TRANSFUSION MEDICINE IN GENERAL HOSPITAL CELJE

J. Pajk\* (Slovenia)

P-0070 - HOSPITAL BASED BLOOD TRANSFUSION TRAINING AS A METHOD FOR IMPROVING THE PATIENT SAFETY

T. Triyono\* (Indonesia), U. Sukorini, B. Mulyono

P-0072 - EDUCATION THROUGH THE ERYTHROCYTE CELL PANEL PHENOTYPE KNOWN MEXICAN HALF-BREED (MEXICAN MESTIZO)

J.L. Alcaraz-Lopez\* (Mexico)

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Management and Organisation

### 1.5 Risk Models and Risk Analysis

*Poster walk moderator: B. Custer*

P-0076 - RFID TECHNOLOGY FOR BLOOD TRANSFUSION SAFETY: CLINICAL APPLICATION IN ONCOLOGY DEPARTMENT

S. Rossini\* (Italy), A. Venditti, A. Scavo, F. Giglio, F. Caligaris Cappio, F. Ciceri

P-0078 - H1N1 - LESSONS LEARNT AT A BLOOD DONATION SERVICE IN GERMANY

K.-P. Krause\* (Germany), A. Panther

P-0080 - ASSESSING INFECTIOUS RISK IN BLOOD DONORS TO INFORM EVIDENCE BASED HEALTH SCREENING POLICY

A. Millar\* (United Kingdom), D. Fisher, M. Carter

P-0082 - UPDATED RISK ASSESSMENT OF VARIANT CREUTZFELDT-JAKOB DISEASE (VVCJD) RISKS FOR RECIPIENTS OF BLOOD AND PLASMA-DERIVED PRODUCTS IN THE US

S. Anderson\* (USA), H. Yang, R. Forshee, M. Walderhaug

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## Management and Organisation

### 1.6 Blood Supply Management

*Poster walk moderators: P. Horn / J. Chapman*

P-0084 - PREDICTION OF LOW HEMOGLOBIN LEVELS IN WHOLE BLOOD DONORS

A.M. Baart\* (Netherlands), W.L.A.M. de Kort, K.G.M. Moons, Y. Vergouwe

P-0086 - TRANSFUSION IN DISASTERS: SHIFT IN FOCUS FROM WHOLE BLOOD TO BLOOD COMPONENTS AND FROZEN BLOOD IN INDIAN ARMED FORCES SCENARIO

A. Khetarpal\* (India)

P-0088 - TRANSFUSION PRACTICES IN FINLAND DURING 2002-2008

J.T. Tuimala\* (Finland), M.-K. Auvinen, J. Rautonen

P-0090 - IDENTIFICATION OF BOTTLENECKS IN BLOOD PROCESSING IN UGANDA TRANSFUSION SERVICES

C.Th. Smit Sibinga\* (Netherlands), I. Kajja, D. Kyeyune, G.S. Abwooli, G.S. Bimenya

P-0092 - UNDERSTANDING PLATELET USAGE IN WALES

E. Jones\* (United Kingdom), G. Poole, J. Davies, S. Field

P-0094 - TRANSFUSION PRACTICES IN DEVELOPING COUNTRIES; CASE OF BURKINA FASO IN WEST AFRICA

K.Y. Nébié\* (Burkina-Faso), S. Ouattara, M. Sanou, Y. Kientega, H. Dahourou, L. Ky, I. Kaboré, K. Kienou, S. Diallo, F. Bigirimana

P-0096 - TELEMEDICINE AS A SUPPORT SYSTEM TO BLOOD TRANSFUSION SERVICE REORGANIZATION IN THE REPUBLIC OF SLOVENIA

J. Bricl\* (Slovenia), M. Breskvar, J. Tasic, M. Meža, M. Jeras, P. Rožman

P-0100 - EGYPTIAN BLOOD TRANSFUSION SERVICES PLAN FOR CONVERSION OF HOSPITAL BLOOD BANKS TO STORAGE BLOOD BANKS

M. Zaky\* (Egypt), A el Mohanker

P-0102 - STORAGE TIME OF RBC UNITS PRIOR TRANSFUSION IN THREE NORDIC HOSPITALS

P.O. Forsberg\* (Sweden), B. Diedrich, H. Gulliksson, T.A. Hervig

P-0104 - INTEREST IN USING THE CELL SEPARATOR ALYX™ IN MOBILE COLLECTION DURING AN ANNOUNCED HEALTH CRISIS  
F. Chenu\* (France), J.-M. Boiron, J.-L. Jagailoux, Z. Ivanovic, P. Potie, Agen's collection site's team

P-0106 - QUALITY INDICATORS OF WORK IN THE BLOOD TRANSFUSION SERVICE OF SERBIA REGARDING REALIZATION OF THE 2008 BLOOD DONATION PROGRAM  
S. Draskovic\* (Serbia), Z. Brajovic Vucicevic, N. Vavic

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Management and Organisation

### 1.7 Standards and Regulation

*Poster walk moderators: A. MacMillan Douglas / M. Heiden*

P-0110 - PRE-TRANSFUSION TESTING OF BLOOD EXAMPLES AT WU TRANSFUSIOLOGY AT GENERAL HOSPITAL IN STIP REPUBLIC OF MACEDONIA  
N. Kamcev\* (Macedonia), G. Kamceva, J. Vitlarova, M. Kamceva, N. Velichkova, L. Ikonovska

P-0112 - THE VALIDATION REAGENT OF SEROLOGY BLOOD TYPE: THE SIMPLE ACTIVITY THAT IS OFTEN FORGOTTEN  
F. Naam\* (Indonesia)

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Management and Organisation

### 1.8 Quality Management (I)

*Poster walk moderators: D. Petersen / S. Pupella*

P-0116 - BLOOD COMPONENT PRODUCTION STATISTICAL PROCESS CONTROL IN SERVICE DU SANG - BELGIAN RED CROSS  
A. Rapaille\* (Belgium), A. Guillet, V. Deneys, D. Sondag, B. Govaerts

P-0118 - DEVELOPING AN ELEARNING MODULE TO SUPPORT GMP TRAINING IN HOSPITAL TRANSFUSION LABORATORIES  
E. Jones\* (United Kingdom), A. Gray, G. Inglis, M. Bruce, B. Cuthbertson

P-0120 - REPORTING OF ACTUAL AND NEAR-MISS EVENTS FOR IMPROVING TRANSFUSION SAFETY IN ISFAHAN BLOOD TRANSFUSION ORGANIZATION IN 2006-2007

M. Aghahoseini\* (Iran), N. Akbari, M.M. Hariri, F. Yavari

P-0122 - RESULTS OF BLOOD SERVICE REFORM IN TAJIKISTAN

B. Bahovadinov\* (Tajikistan)

P-0124 - A COMPARATIVE ANALYSIS OF TESTING RESULTS OF ALANINE AMINOTRANSFERASE ON DIFFERENT DETECTING SYSTEMS

L. Zhao\* (China)

P-0126 - IMPLEMENTATION OF METROLOGY IN THE SFS (SERVICE FRANCOPHONE DU SANG, BELGIUM)

N. Cellier\* (Belgium), D. Goossens, M. Lambermont, V. Deneys

P-0128 - ANALYSIS OF QUALITY PARAMETERS OF RED CELL CONCENTRATES (RCC) PREPARED BY TWO DIFFERENT METHODS AT NATIONAL BLOOD CENTRE (NBC), SRI LANKA(S/L)

B.M.G.M.P Adikarama\* (Sri Lanka)

P-0130 - PREVENTION OF BLOOD TRANSMITTED INFECTIONS AMONG HEALTH CARE PROFESSIONALS IN THE BLOOD TRANSFUSION INSTITUTE OF VOJVODINA

S. Bogdanovic\* (Serbia), N. Bujandric

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### Management and Organisation

## 1.8 Quality Management (II)

*Poster walk moderators: A. Slopecki / A. Cermakova*

P-0132 - EVALUATION OF CD45 POSITIVE CELLS COUNT FOR DETECTION OF RESIDUAL LEUKOCYTES IN LEUKODEPLETED BLOOD PRODUCTS

M.T. Mohamadi\* (Iran), H. Abolghasemi, M. Nikougoftar zarif, S. Rahmani, N. Amirzade, M. Aghaiipoor

P-0134 - PROCESS EXCELLENCE AND PERFORMANCE ENHANCEMENT: BEYOND TECHNICAL AND DESIGN EXCELLENCE

H. Singh\* (India)

P-0136 - PREPARATION AND EVALUATION OF INTERNAL QUALITY CONTROL PRODUCTS FOR BLOOD TRANSFUSION COMPATIBILITY TESTING

Y. Yu\* (China), C.Y. Ma, X. Feng, Q. Chen, X.J. Zhang, D.Q. Wang

P-0138 - VALIDATION OF A PNEUMATIC TUBE SYSTEM FOR TRANSPORTATION OF BLOOD COMPONENTS AND BLOOD TEST TUBES

A. Quaglietta\* (Italy), T. Bonfini, A. Capone, P. Accorsi, A. Iacone

P-0140 - QUALITY SYSTEMS FOR ELISA TESTING IN BLOOD BANK

D. Khandhedhia\* (India), N. Andipara, R. Sawant

P-0142 - BLOOD TRANSFUSION SERVICE CERTIFICATION FOR THE NEW ISO 9001:2008

K. Farmaki\* (Greece), I. Tzoumari, M. Savvanos, A. Kougia, A. Palyvou, A. Chrysanthou, C. Pappa

P-0144 - EVALUATION OF REAGENT QUALITY CONTROL SECTION CENTRAL BLOOD TRANSFUSION SERVICE INDONESIAN RED CROSS YEARS 2004 - 2009

A. Lusinanto\* (Indonesia), M.F. Suyati, R. Nur Aditya, R. Syafitri, Y. Soedarmono

Tuesday June 29

Blood Donation

## 2.1 Blood Donor Recruitment (I)

*Poster walk moderators: B. Mansouri-Taleghani / E. Shinar*

P-0148 - PRE-DONATION BLOOD DONOR DEFERRAL: A PERSPECTIVE IN RURAL POPULATION OF INDIA

V. Gupta\* (India), S.J. Vagha

P-0150 - SOCIAL MARKETING OF VOLUNTARY BLOOD DONATION IN RURAL SETUP OF INDIA

V. Gupta\* (India), S.J. Vagha, N. Meshram

P-0152 - ADDRESSING SERVICE DEMAND IN BLOOD TRANSFUSION SERVICE – WORKING AT THE SOURCE LEVEL

C.-K. Lee\* (Hong Kong), M. Chau, C.K. Lin

P-0154 - IS THERE A CORRELATION BETWEEN PANDEMIC INFLUENZA AND THE NUMBER OF REFUSED BLOOD DONORS IN THE DEPARTMENT OF TRANSFUSION MEDICINE – STRUMICA

D. Stambolieva\* (Macedonia), T. Timova, R. Madzunkov, T. Malinova, K. Marangozova, M. Sorova, L. Gorcaj, I. Nikoloska

P-0156 - ELEVATED VALUES OF BLOOD PRESSURE AS A REASON FOR TEMPORARY AND PERMANENT DISQUALIFICATIONS OF BLOOD DONORS IN THE REGIONAL BLOOD CENTER IN KATOWICE

U. Sierantowicz\* (Poland), D. Król, B. Drybanska, S. Dylag

P-0158 - CHARACTERIZATION OF GLUCOSE 6-PHOSPHATE DEHYDROGENASE DEFICIENCY (FAVISM) IN A POPULATION OF BLOOD DONORS IN NAPLES, ITALY

G. Di Domenico\* (Italy), M. Mottola, M. Caldora, P. Bevilacqua, E. Meluccio, C. Nocera, B. Zuccarelli

P-0160 - SCREENING OF THE CREATINE KINASE (CK) VALUES IN A POPULATION OF DONORS IN NAPLES, ITALY

M. Mottola\* (Italy), G. Di Domenico, P. Bevilacqua, E. Tremitterra, C. Nocera, B. Zuccarelli

P-0162 - FEELINGS OF YOUNG PEOPLE IN GREECE FOR THE BLOOD DONATION

A. Kriebardis\* (Greece)

P-0164 - APPROACH OF YOUNG PEOPLE IN GREECE FOR THE BLOOD DONATION

A. Kriebardis\* (Greece), M. Antonelou, Chr. Nanou, G. Kastaniotis, M. Saridi, K. Stamoulis, I. Papassideri, A. Tzimogianni, E. Economou-Petersen

P-0166 - DETECTION OF SUITABILITY IN RELATION TO THE DIFFERENT WAYS OF COLLECTING BLOOD DONATIONS

G.M. Leonardi\* (Italy), L. Paesano, M. D'Onofrio, T. Sem, R. Pecora, C. Nocera

## Tuesday June 29

### Blood Donation

## 2.1 Blood Donor Recruitment (II)

*Poster walk moderators: H.-G. Heuft / D. de Coning*

P-0168 - PROBLEMS OF RECRUITMENT OF DONORS IN TAJIKISTAN

B. Bahovadinov\* (Tajikistan), C. Edalieva, A. Tretyakova

P-0170 - CONTROL OF THE VOLUNTARY BLOOD DONORS' HEALTH STATE

B. Nikolic\* (Serbia), Z. Stanojkovic

P-0172 - SYPHILIS DETECTION IN THE BLOOD DONORS POPULATION

E. Tzioura\* (Greece), N. Papaioannou

P-0174 - MEASURES TO DECREASE HIGH DEFERRAL RATES DUE TO UNDERESTIMATED HAEMOGLOBIN LEVELS

C. Hübler\* (Germany), M. Wohsmann, A. Günther, U.-M. Liebscher, T. Tonn

P-0176 - SOME ATTITUDES CONCERNING NON-BLOOD DONORS FOR BLOOD DONATION

R. Grubovikj\* (Macedonia), M. Grubovic, R. Dukovski, G. Andonov, M. Blagoevska, R. Kalamaras

P-0178 - A DESCRIPTIVE STUDY ON COUNSELOR PERCEPTIONS OF FACTORS HINDERING EFFECTIVE PRE DONOR HIV/AIDS COUNSELING IN VOLUNTARY BLOOD DONORS IN SRI LANKA

S.R. Munasinghe\* (Sri Lanka), P.A.U.K. Senaviratne, M.C.P.K. Bandara, D.A.N. Yapa, D. Liyanapatabandi

P-0180 - BLOOD DONATION IN THE NATIONAL INSTITUTE FOR TRANSFUSION MEDICINE IN SKOPJE IN 2009

R. Dukovski\* (Macedonia), R. Grubovikj, G. Andonov, R. Kalamaras, M. Blagoevska

P-0182 - AN APPROACH TO INCREASE RETURN OF REINSTATED DONORS

R. Gammon\* (USA), A. Holloway, K. Chinoda

P-0184 - EVALUATION OF A SPECIAL INVITATION CAMPAIGN FOR THE REACTIVATION OF BLOOD DONORS

K. Stroh\* (Germany), T. Alt, O. Ochmann, J. Hettinger, W. Hohl, W. Weimann, A. Markovic

P-0186 - BLOOD DONATION ACTIVITIES IN THE REGION OF STRUMICA DURING THE TEN-YEAR PERIOD FROM 1999 TO 2009

T. Timova\* (Macedonia), D. Stambolieva, R. Madzunkov, L. Maninska, V. Gorgeska

P-0188 - EVALUATION OF TWO RAPID METHODS FOR HEMOGLOBIN SCREENING IN WHOLE BLOOD DONORS

H. Javadzadeh Shahshahani\* (Iran)

## Tuesday June 29

### Blood Donation

## 2.1 Blood Donor Recruitment (III)

*Poster walk moderators: H. Northoff / A. Leo*

P-0190 - UNWILLING REACTIONS DURING BLOOD DONATION

S. Ortakovska\* (Macedonia), M. Balamovski

P-0192 - INCREASED INCIDENCE OF HAEMATOLOGICAL MALIGNANCIES IN BLOOD DONORS WITH POSITIVE DIRECT ANTIGLOBULIN TEST (DAT)

A. Enekwe\* (Switzerland), J. Thierbach, B. Ziegler, B.M. Frey

P-0194 - CROSS FUNCTIONAL SUPPORT BETWEEN MASS-MEDIA, RED CROSS ORGANISATION AND HOSPITAL BLOOD TRANSFUSION SERVICE

B. Prvic Knezevic\* (Serbia)

P-0196 - FACTORS INFLUENCING THE DECISION TO DONATE BLOOD: TESTING A THEORETICAL MODEL

V. Saturni\* (Italy)

P-0198 - INTRODUCING VALUE ADDITION PROGRAMS TO MOBILE BLOOD DONATION DRIVES

A.P.H Wijenayake\* (Sri Lanka)

P-0200 - NON-INVASIVE SCREENING OF ANEMIA USING OCCLUSION SPECTROSCOPY

A. Weinstein\* (Israel), O. Herzenstein, E. Gabis, A. Korenberg

P-0202 - CHANGING AGE DISTRIBUTION OF THE U.S. BLOOD DONOR POPULATION – MORE YOUNG DONORS RECRUITED AND RETAINED BUT THE OVERALL AGING TREND CONTINUED

S. Zou\* (USA), F. Musavi, E. Notari IV

P-0204 - OFFERING SERVICES SUCH AS RANDOM BLOOD GLUCOSE AS A MEANS OF MAINTAINING DONOR LOYALTY. IS THERE A TRUE BENEFIT FOR THE DONOR?

B. Lizardo\* (Germany), I. Hellmann, B. Stürmer, G. Geusendam

P-0206 - EFFECTS OF BLOOD DONATION ON THE HEMATOLOGIC CHARACTERISTICS AND EXERCISE CAPACITY OF FEMALE DONORS

M.E. Afzalpour\* (Iran)

## Tuesday June 29

### Blood Donation

## 2.2 Blood Collection incl. Apheresis

*Poster walk moderators: H.E. Heier / B. Wagner*

P-0208 - CURRENT STATUS OF BLOOD SERVICE IN RUSSIA

E.A. Selivanov\* (Russian Federation), T.N. Danilova

P-0210 - HIGHER ACTIVATION STATE OF PLATELETS AFTER APHERESIS: EVIDENCE FOR AN IMPACT OF LOW VOLUME CENTRIFUGATION

S. Macher\* (Austria), S. Sipurzynski, K. Roskopf, E. Rohde, A. Grosej-Strele, A. Griesbacher, G. Lanzer, K. Schallmoser

P-0212 - MULTI-COMPONENT APHERESIS COLLECTIONS: PROCESS CONTROL

M.L. Dobao González\* (Portugal), F. Quintas, P. Mesquita, M. Bessa, C. Resende, T. Cunha

P-0214 - AUTOMATED BLOOD COLLECTION TECHNOLOGY IN MEXICO

R. Ambriz-Fernandez\* (Mexico), R. Rivera-Lopez, M.L. Portillo, J. Collazo-Jaloma

P-0216 - BLOOD DONATIONS - TEN YEARS EXPERIENCE AT THE NATIONAL INSTITUTE FOR TRANSFUSION MEDICINE- SKOPJE, MACEDONIA

M. Blagoevska\* (Macedonia), L. Mitevaska, E. Petkovikj, R. Dukovski, G. Andonov, R. Grubovic

P-0218 - EVALUATION OF IN-VITRO PLATELET QUALITY WITH THE NEW AMICUS SOFTWARE 3.11

W. Nussbaumer\* (Austria), O. Nussbaumer, W. Mayer, H. Schennach, A. Uyttenhove, J-M. Payrat

P-0220 - BLOOD DONATION AND IRON STORES – COMPARISON OF DOUBLE ERYTHROCYTAPHERESIS AND WHOLE BLOOD DONATION  
R. Procházková\* (Czech Republic)

P-0222 - A MODIFIED CROSS-OVER STUDY ASSESSING THE SAFETY AND EFFICACY OF COLLECTING UP TO 840 ML PLASMA IN CONJUNCTION WITH INTRAVENOUS ADMINISTRATION OF SALINE DURING PLASMAPHERESIS

D.C. Marks\* (Australia), M. Buzza, C. Badcock, H. Yang, H. Capper, S. Reid, E. Cassin, J. Lee, A. Keller

P-0224 - DEVELOPMENT OF THE HAEMOGLOBIN DEFERRAL RATE BEFORE AND AFTER THE INTRODUCTION OF HEMOCUE HB 301  
K. Stroh\* (Germany), T. Alt, O. Ochmann, A. Markovic

P-0226 - HIERARCHICAL ANALYSIS OF ANEMIA DEFERRAL IN BLOOD DONOR CANDIDATES, HEMOMINAS FOUNDATION, BRAZIL

A.B. Carneiro-Proietti\* (Brazil), C.D.L. Oliveira, G.M. Moreira, C.C. Cesar, F.A. Proietti

P-0228 - EVALUATION OF TRIMA ACCEL® 6.0 SYSTEM IN ROUTINE USE  
C. Areal Mendez\* (Spain), P.O. Forsberg, G.C. Leitner, M. Callaert, T. Green, V. Windscheid

P-0230 - POSSIBLE REASONS BEHIND THE REMARKABLE DIFFERENCES IN DONOR DEFERRAL RATES BETWEEN BLOOD CENTERS IN BRAZIL AND THE UNITED STATES

A.B. Carneiro-Proietti\* (Brazil), J.G.M. Cioffi, K. Grima, D. Kessler

P-0232 - IMPROVED COLLECTION EFFICIENCY WITH AUTO-C TURBO MODE  
S. Kießig\* (Germany), B. Brys, A. Uyttenhove, J. Davey, K.-P. Krause,

P-0234 - INCIDENCE AND RESIDUAL RISK OF HIV, HCV AND HBV AMONG U.S. APHERESIS DONORS IN 2007-2008 AND COMPARISON WITH WHOLE BLOOD DONORS

S. Zou\* (USA), F. Musavi, E. Notari IV, S. Stramer, R. Dodd

P-0236 - BLOOD DONATION IN BLOOD DONORS 65 YEARS AND OLDER  
K. Schneider\* (Sweden), F. Knutson, R. Norda, O. Åkerblom

P-0238 - PERFORMANCE OF THE NEW BOWL TECHNOLOGY BASED PLASMA SEPARATOR NGL XJC 2000

W. Nussbaumer\* (Austria), P. Mayersbach

## Tuesday June 29

### Blood Donation

## 2.3 Donor Adverse Events

*Poster walk moderators: P. Tomasulo / R. Moog*

P-0240 - SHORT-TERM EFFECTS OF CITRATE ON BONE METABOLISM IN CHINESE VOLUNTEERS

X.L. Chu\* (China), J. Hou, Y. Chen, H. Lin, H. Lin, J. Zeng,

P-0242 - COMPLICATIONS FOLLOWING VOLUNTARY BLOOD DONATIONS AT THE JAPANESE RED CROSS TOKYO BLOOD CENTRE

M. Takanashi\* (Japan), T. Odajima, S. Aota, M. Sudoh, Y. Yamaga, Y. Ono, M. Satake, H. Sugimori, K. Nakajima

P-0244 - STUDY ON FACTORS LEADING TO BRUISING AND HAEMATOMA IN APHERESIS

R. Ramli\* (Singapore), R. Othman, C.L. Toh, H.H. Tan, D. Teo

P-0246 - ADVERSE REACTIONS IN 120,468 BLOOD DONATIONS

G. Giovanni\* (Italy), F. Bennardello, P. Bonomo

P-0248 - IRON STORES IN PROFESSIONAL BLOOD DONOR

M. Muhammad Mahbub-ul-Alam\* (Bangladesh), J. Biswas, J. Muhammad Rahman, I. Muhammad Arslan

P-0250 - WHICH ARM DO WE USE FOR BLEEDING OF BLOOD DONORS?

B. Sorensen\* (Denmark), J. Jorgensen

P-0252 - DIFFERENT CLINICAL PRESENTATIONS OF VASOVAGAL SYNDROME AMONG BLOOD DONORS

R.D. Ramanayake\* (Sri Lanka)

P-0254 - RETURN RATE OF BLOOD DONORS AFTER BLOOD DONATION-ASSOCIATED CIRCULATORY REACTIONS AND EFFECTS OF FOLLOW-UP CARE

D. Kühnel\* (Germany), G. Walther-Wenke, B. Spier

P-0256 - A PILOT OF THE UNITED STATES DONOR HEMOVIGILANCE SYSTEM: MANUAL USE IN A SMALL BLOOD CENTER

B. Whitaker\* (USA), M. Townsend

P-0258 - THE HAEMA-DOCUMENTATION SYSTEM OF ADVERSE EVENTS DURING PREPARATORY PLASMAPHERESIS (PPP): TWO-YEAR EXPERIENCE WITH MORE THAN 600,000 PLASMA DONATIONS

J.P.M. Diekamp\* (Germany),

P-0260 - HIGH PREVALENCE OF IRON DEFICIENCY IN NON-ANAEMIC FIRST TIME FEMALE BLOOD DONORS

E. Naidoo\* (Ireland), S. O'Broin, E. Tong, E. McSweeney, C. Murphy, W.G. Murphy

P-0262 - BACTERIAL CONTAMINATION OF PLATELETS: WHAT MAY REALLY ENHANCE TRANSFUSION SAFETY?

V. Savini\* (Italy), A.M. Quaglietta, C. Passeri, O. Iuliani, D. D'Antonio, A. Iacone

## Tuesday June 29

Blood Donation

### 2.4 Rare Donor Programme

*Poster walk moderators: P. Reinhardt / E. Smart*

P-0266 - SUPPLY OF PATIENTS WITH ALLO-ANTIBODIES AGAINST HIGH FREQUENT RED CELL ANTIGENS

R. Deitenbeck\* (Germany), A. Grolle, B. Just

P-0268 - IMPACT OF MASS BLOOD GROUP GENOTYPING ON THE AVAILABILITY OF RARE RBC UNITS IN CANADA

J.P. Acker\* (Canada), V. McCann, S. White, E. Semple

## Tuesday June 29

### Blood Products

### **3.1 Blood Processing, Storage and Release (I)**

*Poster walk moderators: D. Devine / M. Müller-Steinhardt*

P-0270 - STORAGE OF BUFFY-COAT-DERIVED PLATELETS IN ADDITIVE SOLUTIONS: IN VITRO EFFECTS ON PLATELETS PREPARED BY THE NOVEL TACSI SYSTEM AND STORED IN PLASTIC CONTAINERS WITH DIFFERENT GAS PERMEABILITY

P. Sandgren\* (Sweden), M. Hild, A. Sjödin, H. Gulliksson

P-0272 - EVALUATION OF QUALITY AND EFFICIENCY OF PLATELET CONCENTRATES STORED IN MODIFIED PLATELET ADDITIVE SOLUTION

M. Mottola\* (Italy), G. Di Domenico, M. Caraglia, M. Marra, P. Bevilacqua, A. Abbruzzese, B. Zuccarelli

P-0274 - EVALUATION OF THE RED CELL HEMOLYSIS IN PACKED RED CELLS DURING PROCESSING AND STORAGE

R.N. Makroo\* (India), V. Raina, A. Bhatia, R. Gupta, A. Majid, U.K. Thakur

P-0276 - ANALYSIS OF RED BLOOD CELL HAEMOLYSIS ON STORAGE: THE HONG KONG EXPERIENCE

W.C. Tsoi\* (China), C.M.Y. Chan, K.K. Lai, T.K.C. Lau, E.K.M. Chua, C.K. Lin

P-0278 - POOLED WHOLE BLOOD-DERIVED VERSUS SINGLE-DONOR PLATELETS: REVIEW OF DISPARATE IMPACTS ON THE PLATELET AND THE RED CELL SUPPLY

R. Zimmermann\* (Germany), J. Ringwald, J. Zingsem, A.W. Bender, R. Eckstein

P-0280 - IN VITRO PLATELET QUALITY OF PLATELET CONCENTRATES OBTAINED WITH TWO GENERATIONS OF AUTOMATED PROCESSING DEVICES AND STORED IN PAS SOLUTIONS FOR UP TO SEVEN DAYS

A.M. Galan\* (Spain), P. Molina, N Martinez, R.M. Maymó, G. Escolar

P-0282 - ACP 215 RBC GLYCEROLIZATION, FREEZE, THAW AND DE-GLYCEROLIZATION WITHOUT GLYCEROLIZED SUPERNATANT REDUCTION BEFORE FREEZE AND STORAGE FOR 14 DAYS

M. Horvath\* (Austria), J. List, G. Leitner

P-0284 - VALIDATION OF THE AUTOMATED WHOLE BLOOD PROCESSING SYSTEM ATREUS 3C IN A ROUTINE SETTING

M. Jurado\* (Spain), M. Algora, F. Garcia-Sanchez

P-0286 - SURVEY ABOUT IRRADIATION TO BLOOD PRODUCTS FOR PREVENTION OF TRANSFUSION-ASSOCIATED GRAFT-VERSUS-HOST DISEASE

A. Kokubunji\* (Japan), M. Oshida, N. Fujita, R. Murata, J. Ikemoto, S. Kai

P-0288 - VALIDATION OF THE ORBISAC BC SYSTEM IN THE COIMBRA REGIONAL BLOOD CENTER

M. García-Bernardo\* (Portugal), C. Oliveira, D. Camarada, A. Sampaio, P. Rodrigues, H. Gonçalves

## Tuesday June 29

### Blood Products

### 3.1 Blood Processing, Storage and Release (II)

*Poster walk moderators: S. Thomas / W. Sireis*

P-0290 - QUALITY ANALYSIS OF BLOOD COMPONENTS OBTAINED BY ATREUS 3C SYSTEM

E. Grouzi\* (Greece), A. Tzioka, P. Douramani, E. Merkouri, S. Hyderiotis, E. Konstandinidou, C. Pouloupoulou, A. Travlou

P-0292 - CHANGES MADE TO ACHIEVE AN ACCEPTABLE HEMOGLOBIN CONTENT IN SAGM RED BLOOD CELLS

W. LeFresne\* (Canada), S. Shimla, Q.L. Yi, C. Boutemy

P-0294 - TWO AUTOMATIC METHODS TO PREPARE BUFFY-COAT PLATELET CONCENTRATES: ORBISAC® AND TACSI®. IMPACT ON THE ORGANIZATION OF PRODUCTION IN TWO FRENCH REGIONAL BLOOD CENTERS

C. Vignoli\* (France), H. Isola, J. Chiaroni, J.-P. Cazenave

P-0296 - A SYSTEMATIC BLOOD COUNT TO IMPROVE THE PRODUCTION OF LEUKOCYTE-DEPLETED PLATELET CONCENTRATES BLENDS (LDPCB)

C. Naegelen\* (France), P. Morel

P-0298 - COMPARISON OF IN VITRO QUALITY OF RED CELL CONCENTRATES STORED IN FOUR ADDITIVE SOLUTIONS

P.F. Van der Meer\* (Netherlands), L.A.E. DeLaleijne-Liefting, J.W. Lagerberg, D. De Korte

P-0300 - A FEASIBILITY STUDY WITH THE TACSI DEVICE PRODUCING 2 DOSES OF PLATELETS STORED FOR 7 DAYS WITH THE USE OF ONE INTERCEPT PATHOGEN INACTIVATION KIT

F. Knutson\* (Sweden), K. Lejskog, H. Löf

P-0302 - EVALUATION OF A NOVEL TEMPERATURE INDICATOR FOR THE MONITORING OF RBC

A.. Mühlbacher\* (Austria), H.P. Spötl, E.M. Amann, G. Ludescher, C.G. Sauer, C. Grabmer, H. Schennach

P-0304 - PRELIMINARY EVALUATION OF A NOVEL AUTOMATED DEVICE FOR BUFFY -COAT DERIVED PLATELET CONCENTRATES

M. Santos\* (Portugal), F. de la Sota Javier, P. Venturini, F. Ferreira, S. Silva, L. Castro

P-0306 - LIQUID NITROGEN TECHNOLOGY FOR STORAGE OF FRESH-FROZEN PLASMA AND LOGISTIC FEATURES – EXPERIENCE OF THE HEINRICH HEINE UNIVERSITY MEDICAL CENTER

E. Lehnert\* (Germany), E. Scharf

P-0308 - DEFORMABILITY OF RED BLOOD CELLS (RBC) AND CORRELATION WITH ATP CONTENT DURING STORAGE AS LEUKOCYTE-DEPLETED WHOLE BLOOD (LD-WB)

R. Karger\* (Germany), C. Lukow, V. Kretschmer

# Tuesday June 29

## Blood Products

### 3.1 Blood Processing, Storage and Release (III)

*Poster walk moderators: G. Matthes / R. Knels*

P-0310 - A NEW FUNCTION TEST TO ASSURE THE QUALITY OF TRANSFUSED PLATELETS (PLT) FOR THROMBOCYTE CONCENTRATES FROM APHERESIS (A-TC)

M. Groh\* (Germany), S. Rummler, D. Barz

P-0312 - POOLED PLATELET CONCENTRATES WITH TACSI TERUMO© AT EFS CENTRE-ATLANTIQUE

W. Salado\* (France), M.-P. Perrault, J.-M. Malburet

P-0314 - NONINVASIVE PH MEASUREMENT TO MONITOR CHANGES DURING SUBOPTIMAL STORAGE OF PLATELET CONCENTRATES

M. Krause\* (Germany), Th. Mueller, B. Zimmermann, A. Doescher

P-0316 - SERIAL ANALYSIS OF RBC MECHANICAL FRAGILITY DURING STORAGE IN AS-5

J.S. Raval\* (USA), J.H. Waters, A.R. Daly, M.V. Kameneva, M.H. Yazer

P-0318 - THE IMPACT OF DONOR HEALTH STATUS ON STORAGE OF APHERESIS PLATELET

R.C. Jang\* (Taiwan), H.H. Tu, K.T. Lin, C.M. Hung, K.S. Lin

P-0320 - PROS AND CONS OF AUTOMATED BLOOD COMPONENT PROCESSING WITH THE ATREUS SYSTEM

C. Lehmann\* (Germany), S. Rummler, C. Kummer, D. Barz

P-0322 - EVALUATION OF THE EFFECTS OF THE NEW COMPOFLOW FRANGIBLE ON IN VITRO QUALITY OF BLOOD COMPONENTS

D. de Korte\* (Netherlands), C.W.N. Gouwerok, R. Vlaar, A.J. Verhoeven

P-0324 - A COMBINATION FILTER FOR PRION AND LEUKOCYTE REDUCTION, ITS APPLICABILITY AS BLOOD PROCESSING FILTER

T. Yokomizo\* (Japan), T. Kai, S. Inoue, M. Miura

P-0326 - EVALUATION OF PERCENT HEMOLYSIS MEASUREMENT METHODS FOR USE IN THE CANADIAN BLOOD SERVICES QUALITY CONTROL PROGRAM

J.P. Acker\* (Canada), A.L. Hansen, S. Payant, C. DiFranco

P-0328 - SECRETORY APOLIPOPROTEIN J/CLUSTERIN IS AN INTEGRAL COMPONENT OF HUMAN ERYTHROCYTES AND A NOVEL BIOMARKER OF VESICULATION AND SENESCENCE IN VIVO AND IN STORED CELLS

M. Antonelou\* (Greece), A. Kriebardis, K. Stamoulis, L. Margaritis, I. Trougakos, I. Papassideri

## Tuesday June 29

### Blood Products

## 3.2 Blood Components (I)

*Poster walk moderators: G. Andreu / V. Weisbach*

P-0330 - PLATELET ACTIVATION DURING PREPARATION OF PLATELET CONCENTRATES

A. Solaimany Ferizhandy\* (Iran), A. Amini kafyabad

P-0332 - QUALITY OF PLATELETS IN CONCENTRATES DURING STORAGE IN THREE ADDITIVE SOLUTIONS: T-SOL, COMPOSOL AND SSP+

N Tynngård\* (Sweden), M Trinks, B Berlin

P-0334 - ASSESSMENT OF PLATELET QUALITY AND FUNCTION- NEW ASPECTS IN THE ANALYSIS OF QUALITY OF PLATELET CONCENTRATES PREPARED BY THROMBOCYTAPHERESIS IN PLASMA AND ADDITIVE SOLUTION

B. Brys\* (Germany), B.I. Baumann-Baretti, G. Jaster, K.-P. Krause

P-0336 - STUDYING THE EFFECT OF PRESTORAGE WASHING (FOR LEUKOREDUCTION) ON THE FUNCTION OF PLATELETS IN PLT BAGS WHICH HAVE KEPT FOR 7 DAYS

A.A. Kiani\* (Iran), J. Abdi, A. Sepahvand, Y. Shirkhani, M. Kashi, S. Negravi

P-0338 - FACTORS INFLUENCING THE RELIABILITY OF CD62P MEASUREMENT IN STORED PLATELETS

D. DEVINE\* (Canada), E. Levin, K. Serrano

P-0340 - QUALITY CONTROL OF BUFFY COAT PLATELET  
CONCENTRATES

S. Mijovic\* (Serbia), S. Draskovic, N. Vavic, M. Antic, D. Mircetic,  
M. Dukic

P-0342 - EVALUATION OF THE EFFECT OF A COMBINED PRION AND  
LEUKOCYTE-REDUCTION FILTER (PRF2) ON IN VIVO AND IN VITRO  
RED CELL STORAGE VIABILITY

T.H.F. Lunde\* (Norway), S. Holme, E. Nelson, T. Hervig

P-0344 - EVALUATION OF THE EFFECT OF AN ENHANCED LEUKOCYTE-  
REDUCTION FILTER (RCM 3) ON IN VITRO AND IN VIVO RED CELL  
VIABILITY AFTER 35 AND 42 DAYS OF STORAGE

T.H.F. Lunde\* (Norway), S. Holme, E. Nelson, T. Hervig

P-0346 - PLASMA RATIO IS KEY IN DETERMINING IF PROLONGED 2,3  
DPG MAINTAINENCE WILL OCCUR IN RED CELL PRODUCTS STORED  
WITH E-SOL 4

K. Radwanski\* (USA), K. Min

P-0348 - QUALITY CONTROL OF APHERESIS PLATELET  
CONCENTRATES BY MULTIPLE ELECTRODE AGGREGOMETRY

G. Wittmann\* (Germany), B. Berghammer, B. Wagner, A. Giebl,  
S. Gruetzner, M. Spannagl

P-0350 - CHANGING PATTERNS OF BLOOD USAGE IN TWO TERTIARY  
CARE HOSPITALS, BANGALORE, INDIA

C. Chandrashekar\* (India), G. Srirampur

## Tuesday June 29

### Blood Products

## 3.2 Blood Components (II)

*Poster walk moderators: M. Goldman / J. Dodt*

P-0352 - PREPARATION AND FUNCTIONAL EVALUATION OF RED  
BLOOD CELLS IN DIFFERENT AGES

D. Zhang\* (China), D. Wang, H. Li

P-0354 - COAGULATION FACTOR CONTENT OF PLASMA PRODUCED FROM WHOLE BLOOD STORED FOR 24 HOURS AT AMBIENT TEMPERATURE: RESULTS FROM AN INTERNATIONAL MULTI-CENTRE STUDY

P. van der Meer\* (Netherlands), C. Pergande, P. Cookson, R. Cardigan

P-0356 - EVALUATION OF THE COMPOMAT G5 AUTOMATIC BLOOD COMPONENT PROCESSING SYSTEM IN COMBINATION WITH THE COMPOFLOW BLOOD COLLECTION SYSTEM

J.W. Lagerberg\* (Netherlands), I.J. Bontekoe, P.F. van der Meer, D. de Korte

P-0358 - DOUBLE RED CELL CONCENTRATES - IN VITRO QUALITY AFTER DELAYED REFRIGERATION

S. Thomas\* (United Kingdom)

P-0360 - STEADY PERFORMANCE AND MULTIPLE PROCEDURES: TWO SOFT-HOUSED PLATELET CONCENTRATES LEUKODEPLETION FILTERS PROVIDE EVIDENCE IT IS FEASIBLE

S. Borghi\* (Italy), F. Cosenza

P-0362 - EARLY PREDICTING OF BLOOD COMPONENT QUALITY BY STATISTICAL PROCESS CONTROL

W. Madla\* (Germany), T. Alt, H. Jungk, V. Schottstedt

P-0364 - THE PROTON STUDY: PROFILES OF BLOOD PRODUCT TRANSFUSION RECIPIENTS IN THE NETHERLANDS

M.P. Janssen\* (Netherlands), B.A. Borkent-Raven, C.L. van der Poel

P-0366 - IN VITRO ASSESSMENT OF PLATELET CONCENTRATES F BUFFY COATS POOLED AFTER AN EXTENDED 20 HOUR HOLD PERIOD POST PREPARATION

H.F. Croxon\* (Ireland), V. Murphy, E. Eakins, W.G. Murphy

P-0368 - COMPARISON AND VALIDATION OF A NEW ONE-PLATFORM FLOW CYTOMETRIC METHOD FOR SIMULTANEOUSLY COUNTING LOW LEVELS OF RESIDUAL CELLS IN PLATELET CONCENTRATES

C. Gabriel\* (Austria), J. Mayr, B. Reisinger, S. Süßner, H.P. Spengler

P-0370 - FOLLOW-UP OF STORAGE LESIONS OF PLATELET CONCENTRATES STORED IN PAS-3M OVER 7 DAYS

W. Nussbaumer\* (Austria), H. Schennach, E. Amann, L. Nussbaumer, W. Mayer, H.W. Ott, G. Weigel, A. Falkner, W. Streif, M. Herman

P-0372 - EXPERIMENTAL STUDY OF AGGREGATION AND ACTIVATION IN POOLED BUFFY COAT-DERIVED AND APHERESIS PLATELETS  
F. Lu\* (China), W. Wang, G.L. Xu

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Blood Products

### 3.3 Plasma Products

*Poster walk moderators: G. Holzberger / M. El Ekiaby*

P-0374 - AVAILABILITY OF PLASMA DERIVED MEDICINE IN DEVELOPING COUNTRIES  
H. Abolghasemi\* (Iran), A. Cheraghali

P-0376 - CRYOPRECIPITATE (CRYO) APPLICATION IN SURGICAL FIELD: A CASE REPORT  
R. Pecora\* (Italy), R. Romano, A. Vitale, M. Cirella, T. Sem

P-0378 - SOLVENT-DETERGENT-TREATED PROTHROMBIN COMPLEX FRACTION PREPARED FROM PLASMA MINI-POOLS USING DISPOSABLE EQUIPMENT  
M. El Ekiaby\* (Egypt), H. Goubran, M. Radosevich, G. Gorgy, M. Sayed, T. Burnouf

P-0380 - PREPARATION OF PASTEURIZED LIQUID INTRAVENOUS IMMUNOGLOBULIN G (IVIG) WITHOUT USING CHROMATOGRAPHY METHOD  
A. Aghaie\* (Iran)

P-0382 - ISOLATION AND PURIFICATION OF HUMAN PROTEIN C FROM COHN FRACTION?  
Z.K. Wang\* (China), C.H.Q. Li, F.Z.H. Lin, H.J. Cao, X.J. Zhang, Y.W. Xie, X.P. Xiao,

P-0384 - THE EFFECT OF PRION REDUCTION IN SOLVENT DETERGENT TREATED PLASMA ON HAEMOSTATIC VARIABLES  
A.S. Lawrie\* (United Kingdom), L. Green, M.T. Canciani, I.J. Mackie, F. Peyvandi, M.A. Scully, S.J. Machin

P-0386 - PREPARATION OF ALPA-1-ANTITRYPSIN FROM HUMAN BLOOD PLASMA

K. Mousavi Hosseini\* (Iran), A. Sahebghadam Lotfi, B. Adibi

P-0388 - A NEW PROCESS FOR PRODUCTION OF ALBUMIN 20% SOLUTION

Z. Motallebi\* (Iran)

P-0390 - RECEIPT OF HIGH-PURIFIED VIRUS INACTIVATED HUMAN THROMBIN PREPARATION BY METHOD OF AFFINITY CHROMATOGRAPHY IN COMBINATION WITH SOLVENT-DETERGENT TREATMENT

S. Madych\* (Ukraine), N. Shurko, M. Voroniak, T. Danysh

P-0392 - EVALUATION OF THE COBAS TAQSCREEN DPX TEST FOR SIMULTANEOUS DETECTION OF PARVOVIRUS B19 DNA AND HEPATITIS A VIRUS RNA IN CRYO-POOR PLASMA

M. Koppelman\* (Netherlands), H.T.M. Cuypers, M. Sjerps, H. Bos

## Tuesday June 29

### Blood Products

## 3.4 Pathogen Inactivation (I)

*Poster walk moderators: B. Gathof / J.-P. Cazenave*

P-0396 - THE INFLUENCE OF RIBOFLAVIN AND ULTRAVIOLET LIGHT ON QUALITY OF FRESH FROZEN PLASMA

Z. Stanojkovic\* (Serbia), A. Antic

P-0398 - HUMAN PARVOVIRUS IN PLASMA IS HIGHLY SENSITIVE TO METHYLENE BLUE/LIGHT TREATMENT

J. KnuEVER-Hopf\* (Germany), W. Schaefer, A. Groener, S. Reichenberg, T.H. Mueller, A. Seltsam

P-0400 - PATHOGEN INACTIVATED PLATELETS DECREASE TRANSFUSION REACTIONS

H. Löf\* (Sweden), A. Joelsson Saxnér, F. Knutson

P-0402 - MIRASOL®-TREATED PLASMA PROTEIN QUALITY AFTER 1 YEAR OF STORAGE AT -18°C

A. Ettinger\* (USA), M.M. Miklauz, B.K. Hendrix, D.J. Bihm, G. Maldonado-Codina, R.P. Goodrich

P-0404 - PATHOGEN INACTIVATION OF SINGLE DONOR PLASMA  
C. Lehmann\* (Germany), S. Rummeler, C. Kummer, D. Barz

P-0406 - IN VITRO ASSESSMENTS OF PLATELET FUNCTION IN  
WHOLE BLOOD TREATED WITH THE MIRASOL® SYSTEM AND STORED  
AT ROOM TEMPERATURE  
L. Reddy\* (USA), S. Doane, C. Spotts, S. Marschner, R. Goodrich

P-0408 - CELLULAR METABOLISM AND MITOCHONDRIAL FUNCTION  
OF APHERESIS DERIVED PLATELETS TREATED WITH RIBOFLAVIN AND  
UV LIGHT IN THE PRESENCE OF PAS  
S.M. Picker\* (Germany), M.E. Tauszig, B.S. Gathof

P-0410 - SHEAR INDUCED PLATELET FUNCTION AFTER TREATMENT  
WITH RIBOFLAVIN AND UV LIGHT IN THE PRESENCE OF PAS  
M.E. Tauszig\* (Germany), S.M. Picker, B.S. Gathof

P-0412 - MIRASOL®-TREATED PLASMA EVALUATION AT CENTRO  
REGIONAL DE SANGUE DO PORTO (INSTITUTO PORTUGUES DO  
SANGUE) PORTO, PORTUGAL  
S. Maia\* (Portugal), M.L. Dobao, L. Queirós, A. Pinto, A. Freitas

P-0414 - FLEXIBILITY OF THE SYSTEM MIRASOL PRT TO ADAPT TO  
A BLOOD BANK ROUTINE- THE EXPERIENCE OF CRSP, PORTO  
S. Maia\* (Portugal), M. Cardoso, N. Oliveira, P. Ramoa

P-0416 - ACETATE CONSUMPTION IN PLATELETS TREATED WITH  
DIFFERENT PATHOGEN REDUCTION TECHNOLOGIES  
S. Marschner\* (USA), N. Hovenga, B. Gathof,  
S. Picker, D. de Korte, R. Goodrich

P-0418 - IN VITRO FUNCTION OF PLATELET COMPONENTS TREATED  
WITH THE MIRASOL® PRT SYSTEM IN 28% PLASMA AND SSP+  
N. Johnson\* (Australia), K.M. Winter, S.J. Reid, T.M. Hartkopf-Theis,  
S. Marschner, R.P. Goodrich, D.C. Marks

P-0420 - PRODUCTION OF TWO THERAPEUTIC PLATELET  
COMPONENTS PATHOGEN INACTIVATED WITH A SINGLE INTERCEPT  
DUAL STORAGE (DS) PROCESSING SET FROM DOUBLE- AND TRIPLE  
DOSE APHERESIS BY MCS+® AND TRIMA 5.1 ACCEL®  
B. Baumann-Baretti\* (Germany), G. Jaster, B. Brys, K.P. Krause

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Blood Products

### 3.4 Pathogen Inactivation (II)

*Poster walk moderators: S. Rummler / J.-C. Osselaer*

P-0422 - IN VITRO QUALITY OF APHERESIS PLATELETS TREATED WITH THE THERAFLEX UV-SYSTEM FOR PATHOGEN INACTIVATION

A. Castrillo\* (Spain), C. Arcas, N. Martinez-R, C. Areal, M. Abalo, F. Tolksdorf

P-0424 - EVALUATION OF CYTOKINE ACCUMULATION IN MIRASOL® PATHOGEN REDUCTION TECHNOLOGY TREATED PLATELETS

A. Castrillo\* (Spain), M.L. Abad, C. Arcas, S. Costoya, M.I. Rodriguez

P-0426 - EVALUATION OF APHERESIS PLASMA TREATED WITH INTERCEPTM PATHOGEN INACTIVATION

M. Müller-Steinhardt\* (Germany), H. Klüter, K. Janetzko

P-0428 - PATHOGEN REDUCTION PROCEDURE PERFORMED EITHER ON THE 1ST OR ON THE 5TH DAY OF STORAGE HAS SIMILAR EFFECT ON QUALITY OF PLATELET CONCENTRATES

M. Radziwon\* (Poland), M. Bujno, A. Lipska, B. Boczkowska-Radziwon

P-0430 - ROUTINE FRESH FROZEN PLASMA MANUFACTURE WITH PATHOGEN INACTIVATION BY METHYLENE BLUE (THERAFLEX MB – PLASMA)

M. Strauss Patko\* (Croatia)

P-0432 - PROCESS VALIDATION OF THE INTERCEPT BLOOD SYSTEM™ FOR PATHOGEN INACTIVATION OF APHERESIS PLASMA AT A REGIONAL CENTER (EFS-CENTRE ATLANTIQUE)

W. Saldado\* (France), F. Le Yondre, M. Perrault, F. Roubinet

P-0434 - LACK OF ANTIBODY FORMATION TO PLASMA AND PLATELET NEOANTIGENS AFTER TRANSFUSION OF UVC-IRRADIATED PLATELET CONCENTRATES IN AN AUTOLOGOUS ANIMAL MODEL

P. Pohler\* (Germany), J. Lehmann, V. Veneruso, B. Lambrecht, T.H. Müller, A. Seltsam

P-0436 - POST-TRANSFUSIONAL ABSOLUTE PLATELET INCREMENT: A COMPARISON BETWEEN STANDARD AND INACTIVATED PLATELET CONCENTRATES

A. Quaglietta\* (Italy), M. Di Saverio, A. Pompa, L. Carinci, A. Iacone

P-0438 - IS THERE ALWAYS A HIGH RANTES EXPRESSION IN INTERCEPT PLATELETS (I-P)?

A. Macedo\* (Portugal), J. Silva, D. Brillhante, A. Salvador

P-0440 - PHOTOCHEMICAL INACTIVATION OF HUMAN HEPATITIS B VIRUS USING THE MIRASOL® PATHOGEN REDUCTION TECHNOLOGY (PRT) SYSTEM AS MEASURED BY PCR

D. Keil\* (USA), M.M. Miklaur, D.I. Gilmour,  
R.P. Goodrich

P-0442 - ROUTINE PRODUCTION OF APHERESIS PLASMA PATHOGEN INACTIVATED USING THE INTERCEPT BLOOD SYSTEM™: PRESERVATION OF PLASMA QUALITY

S. Massard\* (France), C. Civadier, A. Sailliol, I. Ernou, I. Callemeyn

P-0444 - IMPLEMENTATION OF 5 BUFFY COAT POOLED PLATELET COMPONENTS TREATED WITH THE INTERCEPT BLOOD SYSTEM™: EXPERIENCE IN GERMAN RED CROSS BLOOD DONATION SERVICE NORD

B. Lizardo\* (Germany), K. Braukmann, I. Lüdtkke, I. Hellmann,  
G. Geusendam

## Tuesday June 29

Blood Products

### 3.5 Biologicals

*Poster walk moderator: M. Odendahl*

P-0448 - CELL GROWTH PROMOTING ACTIVITY OF NEW BLOOD-DERIVED BIOMATERIALS-PLATELET-RICH FIBRIN (PRF) RELEASATE AND SUPERNATANT SERUM

C.Y. Su\* (Taiwan), Y. Kuo, Y.-H. Tseng, T.P. Burnouf

P-0450 - DIFFERENTIATION OF MYELOID CELL LINE K562 TO MONOCYTE CELLS USING MICRORNA

A. Rahimian Mashhadi\* (Iran), M. Soleimani, S. Kaviani, S.H. Aghaee Bakhtiari, A. Atashi, E. Arefian

P-0452 - TREHALOSE STABILIZED FREEZE DRIED HUMAN PLATELETS, THROMBOSOMES®, REDUCE BLOOD LOSS IN THROMBOCYTOPENIC RABBIT EAR BLEED MODEL BY AS MUCH AS 89.5%

G. Fitzpatrick\* (USA), A. Vibhudatta, H. Agashe, J. Dee

P-0454 - TREHALOSE STABILIZED FREEZE DRIED HUMAN PLATELETS, THROMBOSOMES®, PERSIST IN CIRCULATION 24 HOURS AFTER INFUSION AND ARE NON-IMMUNOGENIC IN NEW ZEALAND WHITE RABBITS

G. Fitzpatrick\* (USA), A. Vibhudatta, H. Agashe, W. Phillips, B. Goins, J. Dee, R. Cliff

## Tuesday June 29

### Blood Products

## 3.6 Novel Blood Products

*Poster walk moderators: D. de Korte / K. Gutensohn*

P-0458 - TREATMENT WITH HOMOLOGOUS PLATELET GEL OF A LARGE ULCER INFECTED WITH PSEUDOMONAS AERUGINOSA : A CASE REPORT

G. Di Domenico\* (Italy), G.M. Leonardi, M. Mottola, G. Vaccaro, N. Tartaglia, F. Di Spirito, C. Nocera

P-0460 - A NOVEL TECHNIQUE COMBINING SINGLE-DONOR PLATELET GEL AND FIBRIN GLUE WITH SKIN GRAFT TO HEAL RECALCITRANT LOWER EXTREMITY ULCERS

T. Burnouf\* (France), T.M. Chen, J.-C. Tsai

P-0462 - AUTOLOGOUS PLATELET GEL IN MASCELLAR SINUS LIFT SURGERY : A CASE REPORT

G.M. Leonardi\* (Italy), G. Di Domenico, A. Dell'Aquila, M. Ferrigno, G. Vitiello, F. Battista, C. Nocera

P-0464 - HEMARINA MOLECULES; A NEW GENERATION OF NATURAL OXYGEN CARRIER

F. Zal\* (France)

P-0466 - UNIPLASLG®: UNIVERSALLY APPLICABLE, SECOND GENERATION SOLVENT/DETERGENT TREATED PLASMA WITH IMPROVED PATHOGEN SAFETY

A. Heger\* (Austria), J. Römisch, T.E. Svae, A. Neisser-Svae

P-0468 - CORD BLOOD SEPARATION WITH A HOLLOW-FIBER SYSTEM FOR OBTAINING FETAL ERYTHROCYTES. PRELIMINARY RESULTS

M. Marta\* (Spain), E. Rodriguez-Segura, C. Azqueta, A. Pinacho, S. Querol, A. Gaya, J.I. Sanchez-Miret, J.J. Unzue, J. Brull, J.L. Arroyo, L. Puig, R.P. Pla

## Tuesday June 29

Transfusion Transmitted Infections

### 4.1 Screening Strategies for TTI (I)

*Poster walk moderators: K. Hourfar / M. Schmidt*

P-0472 - NUCLEIC ACID TESTING OF DONOR BLOOD IN A TERTIARY CARE HOSPITAL IN SOUTH INDIA

K. Radhakrishnan\* (India), V.S. Panicker, F.D. Suman, S.C. Chandramouli, A. Sadagopan, R. Mantri

P-0474 - BLOOD SCREENING ALGORITHM STUDY OF TRANSFUSION-TRANSMISSIBLE INFECTIONS (TTI) APPLIED IN INDONESIAN RED CROSS

A.K. Sugianli\* (Indonesia)

P-0476 - SURVEY OF ANTI- HBC AND ANTI-HBS PREVALENCE IN HBSAG NEGATIVE BLOOD DONORS IN TEHRAN

Z. Alizadeh\* (Iran), Z. Sharifi, S. Samiei

P-0478 - THE SCREENING OF PARVOVIRUS B19 IN BLOOD DONORS IN CHINA

L. Ke\* (China), M. He, G. Liu, M.L. Hirsch, W.P. Li

P-0480 - THE PRESENCE OF HBSAG, ANTI-HCV AND ANTI-HIV IN VOLUNTARY BLOOD DONORS IN INSTITUTE OF NEPHROLOGY IN STRUGA  
M. Poposki\* (Macedonia), L. Klasninovska, D. Mena

P-0482 - EVALUATION OF PREVALENCE OF HBV AND HCV INFECTION IN DEFERRED BLOOD DONORS  
F. Razjou\* (Iran), M. Maghsoudlu, M. Zadsar

P-0484 - PREVALENCE OF MARKERS OF HEMOTRANSMITTED INFECTIONS AMONG DONORS OF TAJIKISTAN  
B. Bahovadinov\* (Tajikistan), A. Tretyakova, D. Aripova, C. Edalieva

P-0486 - CAN SYPHILIS BE USED AS A MARKER OF DONOR SUITABILITY IN SRI LANKA  
K.N.R. De Silva\* (Sri Lanka)

P-0488 - CORRELATION OF NUCLEIC ACID AMPLIFICATION TESTING (NAT) & EIA RESULTS FOR HIV HBV & HCV IN A TERTIARY CARE HOSPITAL IN INDIA  
A. Deshpande\* (India), S. Kalgutkar, P. Satawase

P-0490 - RUBELLA VACCINATION AND FALSE REACTIVITY TO HCV ANTIBODIES IN SCREENING ENZYME IMMUNOASSAY (EIA) IN BLOOD DONORS  
J.A. Barreto\* (Brazil), P.R.B. Araújo, F.O. Carvalho, G. Albertoni, J.J.P. Ribeiro, C.P. Arnoni

P-0492 - REDUCTION OF THE RISK OF TRANSFUSION-TRANSMITTED HIV INFECTION BY USING A HIV AG/AB COMBINATION ASSAY IN BLOOD SCREENING IN CAMEROON  
S. Laperche\* (France)

P-0494 - GFE BLUT AUTOX: NEW SEMI- AND FULLY AUTOMATED VIRAL NAT BLOOD TESTING DEVICES  
W.K. Roth\* (Germany), A. Schuller, J. Jahr, C. Weis

# Tuesday June 29

## Transfusion Transmitted Infections

### 4.1 Screening Strategies for TTI (II)

*Poster walk moderators: J. Coste / M. Chudy*

P-0496 - TEST POSITIVE RATES FOR MARKERS OF HUMAN IMMUNODEFICIENCY VIRUS, HEPATITIS B VIRUS AND HEPATITIS C VIRUS AMONG CHINESE BLOOD DONORS

Y. Huang\* (China), J. Liu, J.-X. Wang, F.-Z. Yao, X.-H. Bi, Y.-L. Lu, J.-L. Li, X.-Q. Wen, N. Paul, H. Shan

P-0498 - APPLICATION OF MOLECULAR MEDICINE - THE USE OF NAT/PCR TESTING – IN THE FIELD OF BLOOD DONOR SCREENING  
M. Trkuljic\* (Serbia)

P-0500 - FEASIBILITY OF ROUTINE NAT SCREENING IN CHINA: A MULTI-CENTER COLLABORATIVE STUDY

R.C. Tang\* (China), H.J. Lv, W.G. Zhu, C.R. Chen

P-0502 - DETERMINATION OF THE PREVALENCE OF TRANSFUSION TRANSMITTED VIRAL INFECTIONS IN MULTITRANSFUSED THALASSEMIA PATIENTS IN EASTERN INDIA: A NAT BASED APPROACH  
P. Chakrabarti\* (India), U. Chaudhuri, S.S. Ray, U.K. Nath

P-0504 - INTRODUCTION OF A HIGH THROUGHPUT AUTOMATED HBV/HCV/HIV-1 NUCLEIC ACID TEST SYSTEM FOR SCREENING MINIPOOLS OF EIGHT DONATIONS IN THE NEW GENERATION ULTRIO PLUS ASSAY ON TIGRIS

M.-C. Frere\* (Belgium), D. Goossens, E. Nulens, K. Belot, G. Pisani, D. Sondag

P-0506 - RESULTS FROM THE FIRST YEAR OF SINGLE-DONATION NUCLEIC ACID TESTING IN DENMARK

C. Erikstrup\* (Denmark), H. Ullum, C. Nielsen, K.M. Homburg, M.S. Petersen, K. Varming, B.K. Møller

P-0508 - SEROPREVALENCE AND TRENDS OF HIV, HBV AND HCV AMONG HEALTHY BLOOD DONORS IN A MULTISPECIALITY HOSPITAL IN LUDHIANA, PUNJAB, INDIA

H. Narang\* (India)

P-0510 - INTERNATIONAL SURVEY ON NAT TESTING OF WHOLE BLOOD DONATIONS: UPDATE AND STATUS 2009 (ON BEHALF OF THE ISBT WP-TTID AND ISBT INTERNATIONAL FORUM)

W.K. Roth\* (Germany), A. Schuller, M.P. Busch, H.W. Reesink

P-0512 - CO INFECTIONS AND TAKE CARE OF BLOOD DONORS DETECTED , HIV (+), HBS (+) AND HCV (+) IN NATIONAL BLOOD TRANSFUSION SERVICE (CNTS) IN KINSHASA / DRC

D. Ndakala Ngynda\* (Congo)

P-0514 - DEVELOPMENT OF THE COBAS TAQSCREEN MPX TEST, VERSION 2: IMPROVED PERFORMANCE FOR BLOOD SCREENING

K. Malhotra\* (USA), N. Dyer, A. Talapatra, J. Lamont, K. Kung, F. Quereshi, K. Lee, M. Takeuchi, S. Dugenny, N. Newton, S. Sudershana, J. Niemiec

P-0516 - INFECTIVITY OF B19 DNA POSITIVE BLOOD PRODUCTS

M.K. Houfar\* (Germany), U. Mayr-Wohlfart, W. Sireis, E. Seifried, H. Schrezenmeier, M. Schmidt

P-0518 - DONOR DEMOGRAPHICS AND PREVALENCE OF TRANSFUSION-TRANSMISSIBLE INFECTIONS AMONG BLOOD DONORS IN GUANGZHOU, 2006 TO 2008

Y.M. Nie\* (China)

## Tuesday June 29

### Transfusion Transmitted Infections

## 4.2 Hepatitis B (HBV) (I)

*Poster walk moderators: J.P. Allain / S. Sauleda*

P-0520 - HEPATITIS B VIRUS: A BLOOD DISEASE. EPIDEMIOLOGICAL STUDY OF GENOTYPES OF HEPATITIS B VIRUS IN NORTHERN PORTUGAL

A. Mota\* (Portugal), L. Pinho, M.F. Cardoso, A. Areias, M. Campos

P-0522 - A MEANING OF LOOK-BACK STUDY OF SEROCONVERTED BLOOD DONORS

S. Inaba\* (Japan)

P-0524 - HBV IN TURKISH BLOOD DONORS: COMPARISON OF VIRAL MARKERS OF SUBGENOTYPE D1 BETWEEN MIDDLE EAST AND NORTH AFRICAN INFECTIONS

L.E. Cox\* (United Kingdom)

P-0526 - LOW HBV VIRAL LOAD - THE PROBLEM OF DETERMINING THE STATUS OF BLOOD DONOR

E. Rudowska\* (Poland), B. Bozena Drybanska, L. Lidia Basta, S. Stanislaw Dylag

P-0528 - LOOK-BACK STUDIES IN OBI DONORS. A COMPARISON OF TWO COMMERCIAL NAT METHODS

M.I. Gonzalez Fraile\* (Spain), J.P. Allain, L. Blanco Peris

P-0530 - NEGATIVE SAMPLE IN SINGLE UNIT NAT ASSAYS (PRO-CLEIX® ULTRIO™ ASSAYS - NOVARTIS) AND POSITIVE ON HBS AG AND ANTI-HBC ASSAYS (MONOLISA™ ASSAYS - BIO-RAD)

A. Kerléguer\* (France)

P-0532 - INDONESIAN BLOOD DONORS WITH LOW LEVEL VIRAEMIA OF HEPATITIS B VIRUS

Y. Soedarmono\* (Indonesia), D.H. Muljono, H.A. Sudoyo, S. Marzuki

P-0534 - IDENTIFICATION AND CHARACTERIZATION OF HBV NAT YIELD CASES AMONG BLOOD DONORS IN SOUTHEAST CHINA

H.J. Lv\* (China), R.C. Tang, W.G. Zhu, C.R. Chen

## Tuesday June 29

Transfusion Transmitted Infections

### 4.2 Hepatitis B (HBV) (II)

*Poster walk moderators: G. Delage / K. Gubbe*

P-0536 - MULTICENTER STUDY OF THE NEW HIGHLY SENSITIVE AND SPECIFIC ENZYGNOST® HBsAg 6.0 ASSAY

U. Schobel\* (Germany), T. Dengler, H.W. Doerr, J.M. Echevarría, W.H. Gerlich, J. Gottschalk, M. Graziani, A. Karl, V. Schottstedt, F. Wagner, B. Weber, M. Weik, B. Weißbrich, W.R. Willems, S. Nick

P-0538 - CAN NAT IMPLEMENTATION REDUCE TO ONE ROUND OF EIA IN CHINA?

S. Ou\* (China), C.R. Chen, H.J. Lv, R.C. Tang, W.G. Zhu

P-0540 - PERFORMANCE OF A NEW HEPATITIS B SURFACE ANTIGEN ASSAY, ENZYGNOST® HBSAG 6.0, ON NATIVE MUTANT SAMPLES, RECOMBINANTLY EXPRESSED VARIANTS AND OCCULT INFECTIONS

A. Avellón\* (Spain), J.-M. Echevarría, M. Weik, B. Weber, U. Schobel, W.R. Willems, W.H. Gerlich

P-0542 - PREVALENCE OF HEPATITIS VIRAL MARKERS IN PATIENTS SCHEDULED FOR TRANSFUSION AT ASAHIKAWA MEDICAL COLLEGE HOSPITAL

S. Kino\* (Japan)

P-0544 - IDENTIFICATION AND FURTHER ANALYSIS OF HBV-NAT YIELD DONORS IN A REGIONAL BLOOD DONATION CENTER OF CENTRAL GREECE

M. Hatzitaki\* (Greece), M. Vasiloudi, E. Diamanti, K. Moka, N. Staboulzis, A. Prapa, T. Menounou, E.S. Gramoustianou

P-0546 - INCREASED DETECTION OF RECENTLY VACCINATED DONORS BY SIEMENS ENZYGNOST HBSAG 6.0

F. Wagner\* (Germany), I. Mardt

P-0548 - HBV DRUG RESISTANT POLYMERASE MUTATIONS

C. Sargento\* (Portugal), C. Ferreira, E. Silva, A.M. Almeida

## Tuesday June 29

### Transfusion Transmitted Infections

## 4.3 Hepatitis C (HCV)

*Poster walk moderators: R. Dodd / B. Lambrecht*

P-0552 - CLASSE II HLA ASSOCIATION WITH HEPATITIS C VIRUS INFECTION

M.C. Rossi\* (Argentina), L. Racca, M.V. Reggiardo, A. Racca, S. García Borrás

P-0554 - THE HIGHER HCV RNA+ RATE IN MALES THAN FEMALES AMONG ANTI-HCV+ VOLUNTEER BLOOD DONORS IN GUANGZHOU, CHINA

Y. Fu\* (China), R. Xu, W. Xia, M. Wang, W. Hua

P-0556 - SEARCH FOR HCV RNA POSITIVE, ANTI HCV NEGATIVE DONOR AMONG AHWAZ BLOOD DONORS

H. Bahrami\* (Iran), M.A. Jlalifar, M. Mahmoodian Shooshtari

P-0558 - DETECTION OF HCV WINDOW PERIOD INFECTION BY NAT DONOR TESTING

M. Teixeira\* (Portugal), F. Henggeler, R. Castro, N. Mateus, S. Jerónimo, M. Gonçalves,

P-0560 - SCREENING FOR ANTI-HBC IN A POPULATION WITH A HIGH PREVALENCE RATE OF HEPATITIS B INFECTIONS

R. Cable\* (South Africa), A.R. Bird, N. Lelie

P-0562 - GENOTYPE DISTRIBUTION OF HEPATITIS C VIRUS AMONG IRANIAN BLOOD DONORS, 2006-2009

S. Amini Kafi-abad\* (Iran), Sh. Samiei, M. Moghtadaie, S. Tootian, M. Abdollahi, M. Kavari, F. Ranjbar Kermani, F. Ferdowsian, Z. Ataie

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### Transfusion Transmitted Infections

## 4.4 HIV

*Poster walk moderators: M. Vermeulen / R. Reddy*

P-0566 - A CASE STUDY OF HIV INFECTION IN A THALASSEMIC ? PATIENT TRANSFUSION IMPUTABILITY ?

A. Hammadi\* (Algeria), K. Hammadi, A. Rahal

P-0568 - PREVALENCE OF HBV, HCV, HIV1/2 AND, HTLVII IN LISBON REGIONAL BLOOD CENTRE DONORS

N. Boavida\* (Portugal), I. Neves, F. Luig, M. Diniz, L. Castro, F. Nascimento

P-0570 - MOLECULAR AND SEROLOGICAL MARKERS OF HIV INFECTION IN POLISH BLOOD DONORS - DETECTION OF "WINDOW PERIOD" AND HIV RNA SEROPOSITIVE INDIVIDUALS BUT LACK OF HIV "ELITE CONTROLLERS"

E. Sulkowska\* (Poland), M. Mikulska, P. Grabarczyk, G. Liszewski, E. Brojer, M. Letowska

P-0572 - DEMOGRAPHIC CHARACTERISTICS OF HIV INFECTED PATIENTS REFERRED TO TBTC FROM 2004 TILL 2006 AUTHOR: DR.MARYAM.ZAD SAR; IBTO RESEARCH CENTER; TEHRAN; IRAN M. Zadsar\* (Iran)

P-0574 - COMPARISON OF TWO COMMERCIAL SCREENING ASSAYS FOR DIAGNOSIS OF HUMAN IMMUNODEFICIENCY VIRUS TYPES 1 AND 2

M. Moghtadaei\* (Iran)

P-0576 - DISTRIBUTION OF HIV-RNA LEVELS AND SENSITIVITY OF HIV-ASSAYS EVALUATED IN SOUTH AFRICAN WINDOW PERIOD SAMPLES

M. Vermeulen\* (South Africa), R. Reddy, C.F. Coleman, H. van Drimmelen, N. Lelie, M.P. Busch

## Tuesday June 29

### Transfusion Transmitted Infections

## 4.5 Bacteria

*Poster walk moderators: M. Störmer / J. Dreier*

P-0580 - YERSINIA ENTEROCOLITICA TRANSFUSION REACTION-CASE REPORT S. Drndarski\* (Serbia)

P-0582 - PROVISION OF BACTERIOLOGICALLY SAFE TISSUES FOR TRANSPLANTATION

C.P. McDonald\* (United Kingdom), K. Goodhand, H. Baklan, R. De Ritis, S. Hartley, S. Robbins

P-0584 - MOLECULAR RELATEDNESS OF COAGULASE NEGATIVE STAPHYLOCOCCI FOUND IN PLATELET CONCENTRATES

D. de Korte\* (Netherlands), I.G.H. Rood, A.M. Pettersson, P.H.M. Savelkoul

P-0586 - A NON-SAMPLING NEAR INFRARED DETECTION SYSTEM FOR BACTERIALLY CONTAMINATED OF APHERESIS PLATELET COMPONENTS

S. Ezuki\* (Japan), K. Kawabata, S. Saranwong, S. Kawano, H. Ohto

P-0588 - ISBT INTERNATIONAL VALIDATION STUDY ON BLOOD-BACTERIA-STANDARDS (TRANSFUSION-RELEVANT BACTERIAL STRAIN PANEL)

M. Störmer\* (Germany), J. Brachert, D. de Korte, C. McDonald, S. Wendel, E.M. Wood, A. Arroyo, D. Devine, J.S. Epstein, C. Gabriel, C. Cohava, R. Goodrich, K.-M.Hanschmann, D.G. Heath, M.R. Jacobs, S. Keil, B. Lambrecht, C.-K. Lee, J. Marcelis, S. Marschner, S. McGuane, M. McKee, T. Müller, T. Muthivhi, A. Petterson, P.Radziwon, S. Ramirez-Arcos, H.W.Reesink, J. Rojo, I. Rood, M. Schmidt, C.K. Schneider, E. Seifried, U. Sicker, R.A. Yomtovian, T. Montag

P-0590 - EXTENSION OF PLATELET STORAGE BY A FLOW CYTOMETRY-BASED SCREENING ASSAY (BACTIFLOW) FOR THE RAPID DETECTION OF BACTERIAL CONTAMINATION

T. Vollmer\* (Germany), K. Kleesiek, J. Dreier

P-0592 - REAGIN AND TREPONEMAL TECHNIQUES ASSESSMENT IN THE STUDY OF SYPHILIS IN BLOOD DONORS

A.I. Jimenez del Bianco\* (Spain), G. Martin, L. Piner, L. Lamamie, A. Santos, L. Blanco Peris

## Tuesday June 29

Transfusion Transmitted Infections

### 4.6 Parasites

*Poster walk moderators: S. Wendel / D. Leiby*

P-0596 - EVALUATION OF THE RECOMBINANT ARCHITECT CHAGAS PROTOTYPE ASSAY

E. Sickinger\* (Germany), J. Herzogenrath

P-0598 - IMPLEMENTING CHAGAS TESTING: EXPERIENCE WITH SELECTIVE TESTING AT HEMA-QUEBEC

G. Delage\* (Canada), F. Bernier, M. Germain, M. Antar, D. Laliberté, F. Décarý

P-0600 - TEST OF SERUM SOLUBLE CD44 DETECTION BY ADHESION INHIBITION APPLICATION TO THE STUDY ON IMMUNOLOGIC EVASION STRATEGIES OF ASCARIS LUMBRICOIDES

P.C. Ponce de León\* (Argentina), J. Valverde

## Tuesday June 29

Transfusion Transmitted Infections

### 4.7 Newly emerging Pathogens and other Transfusion related Pathogens

*Poster walk moderators: C. Drosten / M. Piron*

P-0604 - TRANSMISSION OF HEPATITIS A VIRUS WITH DONOR BLOOD – IMPORTANCE OF THOROUGH POST DONATION INFORMATION

P. Koefoed-Nielsen\* (Denmark), B. Sorensen, B. Moller

P-0606 - BLOOD DONORS ANTI-PLASMODIUM SPP SCREENING IMPLEMENTATION IN HOSPITAIS DA UNIVERSIDADE DE COIMBRA BLOOD BANK

J.R. Fernández Menéndez\* (Portugal), R.M. Abreu Fernandes, A.P. Pina, C.M. Pereira, R.S. Gonçalves Simão, N.S. Silva, C. Rocha, P. Achando

P-0608 - DETCTION OF HUMAN T CELL LYMPHOTROPHIC VIRUS TYPE I INFECTION AMONG EGYPTIAN BLOOD DONORS

T. Hamza\* (Egypt), M. Mofteh

P-0610 - EMERGING INFECTIOUS THREATS TO THE BLOOD SUPPLY -EPIDEMIOLOGICAL STUDIES IN IRAN

G. Karimi\* (Iran), A. Gharehbaghian, V. Vafaiyan, Z. Shabehpour, A. Azarkeivan

P-0612 - HEV INFECTION IN WILD, HOOFED ANIMALS IN THE NETHERLANDS

H.W. Reesink\* (Netherlands)

P-0614 - LESSONS LEARNED FROM PARVOVIRUS B 19 INFECTIONS IN SWISS BLOOD DONORS

C. Niederhauser\* (Switzerland), M. Stolz, P. Mauchle, S. Fontana

P-0616 - DENGUE VIRUS IN BLOOD DONORS FROM AN ENDEMIC AREA IN BRAZIL

S.C. de Carvalho\* (Brazil), H.S. Schatzmayr, F. dos Santos, C. Lobo, V. Marra, R. Nogueira

P-0618 - A CONFIRMATORY ASSAY FOR THE PRESENCE OF PRPTSE PROTEIN IN HUMAN PLASMA

J. Coste\* (France), C. Segarra, V. Beringue, H. Laude, D. Bougard

P-0620 - HTLV LOOKBACK IN NHS BLOOD AND TRANSPLANT REVEALS THE EFFICACY OF LEUCODEPLETION

E. Hewitt\* (United Kingdom), D. Howell, L. Brant, G. Taylor

P-0622 - STUDY OF A DENGUE IMPORTED CASE TO THE US SHOWS HIGHER LEVEL OF VIRUS ASSOCIATED TO RBC THAN IN PLASMA FROM THE SAME BLOOD SPECIMEN

G. Añez\* (USA), C. Chancey, A. Grinev, M.E. Morales-Betoulle, M. Rios

P-0624 - TRANSFUSION TRANSMITTED HEPATITIS A

K. Gubbe\* (Germany), M. Loehr, U. Pawlowski-Nähring, G. Galle, R. Rothe, T. Blankenburg, A. Karl, J. Rohne, T. Tonn

## Tuesday June 29

### Immunohematology

## 5.1 Red Cell Immunology (I)

*Poster walk moderators: R. de Vries / E. Scharberg*

P-0626 - FY POLYMORPHISMS AND VIVAX MALARIA IN INHABITANTS OF AMAZONAS STATE, BRAZIL.

S. Albuquerque\* (Brazil)

P-0628 - FREQUENCY OF CLINICALLY IMPORTANT BLOOD GROUP ANTIGENS IN MACEDONIAN POPULATION

T. Makarovska-Bojadzieva\* (Macedonia), M. Blagoevska, R. Dukovski, J. Angelovski, I. Nikoloska, E. Velkova, O. Damevska-Todorovska, J. Samonikov-Tosevska

P-0630 - INCIDENCE OF IRREGULAR RED CELL ANTIBODIES IN BLOOD DONORS

T. Makarovska-Bojadzieva\* (Macedonia), M. Blagoevska, E. Todorovska, V. Milenkov, J. Angelovski, I. Nikoloska, E. Velkova

P-0632 - BAND 3 AND OXIDATION CHANGES OF MEMBRANE PROTEINS IN SENESCENT ERYTHROCYTES

A.L. Racca\* (Argentina), N. Mufarrege, A.N. Rucci, L. Racca, C.S. Biondi

P-0634 - FETOMATERNAL INCOMPATIBILITY AND THE SEVERITY OF HAEMOLYTIC DISEASE OF THE NEW BORN

E. Velkova\* (Macedonia), S. Drakulevski, A. Hristova-Dimceva, J. Angelovski, T. Makarovska-Bojadzieva, I. Nikoloska, V. Dejanova-Ilijoska, K. Dimitrovski

P-0636 - EXPRESSION OF THE GENE ENCODING SECRETOR TYPE GALACTOSIDE 2 ALFA FUCOSYLTRANSFERASE (FUT2) AND ABH ANTIGENS IN PATIENTS WITH ORAL LESIONS

C. Biondi\* (Argentina), A. Moreno, C. Campi, L. Racca, C. Cotorruelo

P-0638 - FLOW CYTOMETRIC ANALYSIS OF ERYTHROCYTES SUBPOPULATIONS USING LIGHT SCATTER MEASUREMENTS

M.A. Ensinnck\* (Argentina), G. Fiorenza, A. Rucci, C. Biondi, A. Racca

P-0640 - ONE YEAR-EPIDEMIOLOGICAL SURVEY OF ALLOANTIBODY FORMATION IN TRANSFUSED PATIENTS IN ONE DIVISION OF THE FRENCH NATIONAL BLOOD SERVICE EFS

O.A. Garraud\* (France), S. Duboeuf, F. Flourie, R. Courbil, E. Rigal, M. Chartier

P-0642 - RHD ANALYSIS IN QUEBEC: AN OVERVIEW

M. St-Louis\* (Canada), J. St-Laurent, J. Perreault, A. Long, M. Richard

P-0644 - AUTOMATION REDUCES VARIABILITY IN HIGH TITER ANTI-A AND ANTI-B TESTING

W. Piper\* (USA), M. Enterline, L.T. Sinor

P-0646 - IMMUNOHAEMATOLOGY EXTERNAL QUALITY CONTROL IN MEXICAN BLOOD BANKS

A. Arroyo\* (Mexico), S. Guerrero, J. Rojo

# Tuesday June 29

## Immunohematology

### 5.1 Red Cell Immunology (II)

*Poster walk moderators: Geoff Daniels / T. Legler*

P-0648 - MOLECULAR VARIANTS OF THE RHCE GENE PROMOTER ASSOCIATED WITH ABERRANT PHENOTYPES

P. Bugert\* (Germany), M. Goebel, G. Rink, A. Ernst, H. Hustinx, E.A. Scharberg, K. Janetzko

P-0650 - AN AUTOMATED PROCEDURE FOR THE RED BLOOD CELL ANTIBODY IDENTIFICATION WITH THE AUTOVUE AND RESOLVIGEN, EVALUATION AND THE FIRST 100 PANELS IN ROUTINE WORK

L.W. Gustafsson\* (Sweden), I. Mori, S. Pettersson, C. Rydström, A. Wikman

P-0652 - AN UNUSUAL CASE OF FY(A-B-) PHENOTYPE IN CAUCASIAN INDIVIDUALS

M. Grodecka\* (Poland), E. Klauska, A. Suchanowska, S. Bochenek, K. Wasniowska, M. Czerwinski

P-0654 - A POSSIBLE GENETIC BACKGROUND OF NOR POLYAGGLUTINATION

A. Suchanowska\* (Poland), M. Czerwinski, D. Smolarek, E. Majorczyk, M. Duk, E. Lisowska, M. Grodecka, K. Wasniowska

P-0656 - THE FIRST REPORTED EXAMPLE OF ANTI-ERA IN A PATIENT OF MEXICAN DESCENT

W. Long\* (USA), C.L. Steinmetz, L.I. Aranda, J. Poole, K.L. Billingsley, J.M. Moulds

P-0658 - PERFORMANCE OF HIGH DENSITY MEDIUM SOLID-PHASE COOMBS TEST

W.-C. Kong\* (China), J. Tong, S.-B. Duan, W.-C. Yang, Y. Li

P-0660 - USE OF POLYMERASE CHAIN REACTION TO DETERMINE DIEGO-B ANTIGEN USING SPECIFIC SEQUENCE PRIMERS (SSP)

J.C. Martinez Alvarez\* (Mexico), A. Arrazola, A. Suarez, J.L. Alcaraz

P-0662 - FREQUENCY OF KELL-ANTIGEN (KEL1) AT POPULATION IN GEVGELIA-VALANDOVO REGION IN MACEDONIA

S. Ortakovska\* (Macedonia), M. Balamovski, V. Zaturovska

P-0664 - EVALUATION OF RED BLOOD CELL ANTIBODY IDENTIFICATION WITH POLYETHYLENGLYCOL (PEG)-IAT-GEL TECHNIQUE

C. Grabmer\* (Austria), A. Mühlbacher, I. Utz, E. Pircher, E. Lemberger, H. Schmidt, U. Pahle, H. Schennach, S. Kilga-Nogler

P-0666 - THE PRESENCE OF BLOOD GROUPS O,A,B,AB, AND RH(D) IN THE BLOOD GROUP SYSTEM ABO AND RHD IN PREGNANT WOMEN IN KUMANOVO REGION

Lj. Slavkovska\* (Macedonia)

P-0668 - QUALITY ASSURANCE OF GELCARDS MULTIPLY CENTRIFUGED BEFORE USED FOR TESTING

E. Strobel\* (Germany), S. Betten

P-0670 - NATURALLY OCCURRING ANTI-E RED BLOOD CELL ANTIBODIES IN A THREE MONTH OLD INFANT

J. Rozman\* (Slovenia), M. Šimc, V. Hrašovec, M. Urbajs, M. Macek-Kvanka, I. Bricl

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### Immunohematology

## 5.1 Red Cell Immunology (III)

*Poster walk moderators: J. White / I. von Zabern*

P-0672 - FREQUENCY AND SPECIFICITY OF RED BLOOD CELL ALLOANTIBODIES IN GENERAL PATIENT POPULATION WITH REQUEST FOR SURGERY IN FOUR SELECTED HOSPITALS IN TEHRAN

A. Gharehbaghian\* (Iran), R. Khademi, F. Amiri, G. Lotfi, M. Rahbari Bonab

P-0674 - A NOVEL 734 T&gt;C (LEU245PRO) CHANGE ASSOCIATED WITH WEAK RH4 AND NO RH3 ANTIGEN REACTIVITIES

M. Silvy\* (France), S. Simon, A. Barault, F. Noizat-Pirenne, P. Bailly, C. Tournamille

P-0676 - OPTIMAL IMMUNOHAEMATOLOGICAL METHOD-ETERNAL ENIGMA  
Z. Kruhonja Galic\* (Croatia), Z. Hundric Haspl, N. Jurakovic Loncar,  
M. Tomicic, M. Balija, I. Jukic

P-0678 - AGGLUTINATION SCORING SYSTEM BY IMAGE ANALYSIS  
FROM MICROSCOPIC CELL COUNTER AND MICROCHIP  
C.S. Lim\* (South-Korea), J.W. Chang, J.S. Suh, Y.K. Kim, Y.K. Kim,  
K.N. Lee, D.S. Hur, C. Chung, J.K. Chang

P-0680 - BLOOD GENOTYPING WITH MICROARRAY TECHNOLOGIES:  
COMPARATIVE STUDY  
F. Noizat-Pirenne\* (France), M. Silvy, J. Martret, S. Beley, C. Tournamille,  
P. Bailly

P-0682 - ANTIBODY SCREENING IN REPEATEDLY TRANSFUSED  
PATIENTS  
A.H. Hassab\* (Egypt)

P-0684 - PREVALENCE AND SPECIFICITIES OF RED CELL  
ALLOANTIBODIES IN BLOOD RECIPIENTS IN THE MALAYSIAN STATE  
OF KELANTAN  
F.S. Al-Joudi\* (Malaysia), A. Haj Ali, M. Haj Ramli, M.I. Ismail,  
S.A. Ahmed

P-0686 - REMARKABLE D ANTIGEN EXPRESSION AND RHCE ASSOCIA-  
TION OF AN AUSTRIAN RHD(F223V) SAMPLE  
F. Körmöczsi\* (Austria), H. Polin, C. Gabriel

P-0688 - AN EASY WAY TO INCREASE RARE DONOR DATABASE AND  
TO KEEP THE UNITS AVAILABLE FOR TRANSFUSION  
M. Castilho\* (Brazil), K. Ribeiro, C. Credidio, C. Costa, P. Pellegrino Jr

P-0690 - HIGH-THROUGHPUT RED BLOOD CELL ANTIGEN GENOTYP-  
ING: A COST EFFECTIVE APPROACH FOR CORD BLOOD BANKING  
M. Castilho\* (Brazil), C. Costa, R. Amaral, K. Ribeiro, C. Credidio, A. Luzo

P-0692 - RBC ALLOIMMUNIZATION IN BLOOD TRANSFUSION  
DEPENDANT? ETA THALASSAEMIA PATIENTS  
C.J. Peiris\* (Sri Lanka)

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### Immunohematology

## 5.1 Red Cell Immunology (IV)

*Poster walk moderators: M. Fischer / C. Browse*

P-0694 - HYDROXYUREA REDUCES ADHESION OF SICKLE RED BLOOD CELLS TO LAMININ BY INHIBITING LU/BCAM PROTEIN PHOSPHORYLATION

P. Bartolucci\* (France), V. Chaar, J. Picot, Y. Colin, C. Le Van Kim, W. El Nemer

P-0696 - SEROLOGICAL EVALUATION AND EPI TOPE MAPPING OF MURINE MONOCLONAL ANTI-DOMBROCK ANTIBODIES

R. Halverson\* (USA), M. Grodecka, K. Wasniowska, M. Reid

P-0698 - ERYTHROCYTES MAGNETIZED TECHNOLOGY (E.M.® TECHNOLOGY) PERFORMANCE IN IMMUNOHEMATOLOGY ASSAYS

S.L. Castilho\* (Brazil), V. Prearo, K. Rodrigues, M.E. Lopes

P-0700 - ANTIBODY PATTERN AND THEIR RELATIONSHIP WITH DEMOGRAPHIC AND RISK FACTORS AMONG SRI LANKAN POPULATION WITH POSITIVE UNEXPECTED ANTIBODIES

L.E.C. Kithsiri\* (Sri Lanka)

P-0702 - ASSOCIATION OF ALLOANTIBODY ANTI-KPB WITH TRANSIENT KELL BLOOD GROUP ANTIGENS SUPPRESSION: A CASE REPORT

R. Cardoso\* (Brazil)

P-0704 - EVALUATION OF GALILEO FOR IMMUNOHAEMATOLOGY TESTING OF DONOR AND PATIENT SAMPLES AT NATIONAL BLOOD TRANSFUSION CENTER IN EGYPT

D. Radwan\* (Egypt), A. Aisekri, F. Mofteh, H. Goubran

P-0706 - WHAT IS THE BEST STRATEGY TO CHOOSE THE MONOCLONAL ANTI-D REAGENT TO TYPING BLOOD DONORS?

S.L. Castilho\* (Brazil), M. Ferrão, T. Castilho, R. Lima, M.E. Lopes

P-0708 - AN EASY AND COST-EFFICIENT STRATEGY FOR D ANTIGEN TYPING IN BLOOD DONORS

A. Mota\* (Brazil), M. Dezan, M.G. Aravechia, J.M. Kutner, A. Sakashita, L. Castilho

P-0710 - MOLECULAR BASIS OF THE MCLEOD PHENOTYPE IN JAPANESE BLOOD DONORS

M. Uchikawa\* (Japan), K. Ogasawara, H. Tsuneyama, T. Osabe, K. Morimoto, K. Nakajima

P-0712 - H BLOOD GROUP DEFICIENCY RESULTED FROM FUT1 328A AND 658T MUTATIONS HAS A HIGH FREQUENCY IN CHINESE LAHU ETHNICITY

C. Cai\* (China), C.J. Fang

P-0714 - MASSIVE TRANSFUSION - POSSIBLE COMPLICATIONS

M. Slavikova\* (Czech Republic), I. Holuskova, G. Galusková

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### Immunohematology

## 5.1 Red Cell Immunology (V)

*Poster walk moderators: G. Wittemann / E. Strasser*

P-0716 - PERFORMANCE COMPARISON OF 3 AND 4 CELL SOLID PHASE TESTS FOR RED CELL ANTIBODY SCREENING

B. Fleiter\* (Germany)

P-0718 - RED CELL ANTIBODY SCREENING IN SOUTH INDIA

C. Chandrashekar\* (India)

P-0720 - CAN ANTI- P1 CAUSE MILD TO MODERATE HEMOLYSIS – TWO CASE REPORTS

R.D. Ramanayake\* (Sri Lanka)

P-0722 - KASH (KEL34): A NOVEL HIGH INCIDENCE ANTIGEN IN THE KELL BLOOD GROUP SYSTEM

V. Karamatic Crew\* (United Kingdom), J. Poole, T. Watson, T. Bullock, N. Burton, G. Daniels

P-0724 - THE INVESTIGATION OF CLINICALLY SIGNIFICANT ALLOANTIBODIES IN WARM AUTOIMMUNE HAEMOLYTIC ANAEMIA (WAIHA) USING DIFFERENTIAL ADSORPTION TECHNIQUE

K.S. Kang\* (Singapore), W.Y. Ng

P-0726 - BLOOD GROUP DISCREPANCIES IN BLOOD DONORS REFERED TO SHIRAZ BLOOD TRANSFUSION SERVICE OF IRAN (12 YEARS EXPERIENCE)

A. Salah\* (Iran), M.A. Jalali Far, M. Shirmohammadi Asafeh

P-0728 - RBC ALLO-, AND AUTO-IMMUNIZATION IN CHILDREN: A RETROSPECTIVE STUDY

H.S. Boules\* (Kuwait), R. Al-Radwan, N. Baure, M. Al-Eraiby, M. Baron

P-0730 - COMPARISON OF THE PERFORMANCE OF TWO GEL TEST SYSTEMS FOR DETECTION AND IDENTIFICATION OF RED CELL CLINICALLY SIGNIFICANT ANTIBODIES

M. Aravechia\* (Brazil), L. Santos, M. Dezan, T. Costa, J.M. Kutner, M. Mota

P-0732 - EXPERIENCE IN AN IMMUNOHEMATOLOGY REFERENCE LABORATORY WITH WADIANA, AN AUTOMATIC INSTRUMENT

M. Aravechia\* (Brazil), T. Costa, Freire, Santos, Santos, M. Mota

P-0734 - A LARGE-SCALE EPIDEMIOLOGICAL STUDY REVEALS THAT THE RARE RH:-1,2,-3,-4,5, RH:-1,-2,3,4,-5, RH:-1,2,3,-4,-5, RH:1,2,3,-4,-5 BLOOD GROUPS APPEAR LESS PREVALENT THAN EXPECTED IN THE FRENCH POPULATION

T. Peyrard\* (France), B.N. Pham, M.H. Elghouzzi, A. Martin, P. Boutou, M. Beolet, P.Y. Le Pennec, P. Rouger

P-0736 - A FATAL IMMUNE HAEMOLYTIC ANAEMIA ASSOCIATED WITH PIPERACILLIN DEPENDENT ANTIBODIES

B. Just\* (Germany), B. Mayer, F. Schulte, R. Deitenbeck

P-0738 - IRISH BLOOD TRANSFUSION SERVICE, NATIONAL BLOOD CENTRE REVIEW OF 1579 PATIENTS WITH ANTIBODIES, THE RATES OF CONCURRENT OR SINGLE SPECIFICITIES

J.J. Crumlish\* (Ireland)

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## Immunohematology

### 5.1 Red Cell Immunology (VI)

*Poster walk moderators: A. Dörscher / R. Wendel*

P-0740 - HIGH THROUGHPUT FILTERING ASSAYS AS A FUTURE MULTIPLEX BLOOD GROUP GENOTYPING IN BLOOD BANKS

J.-C. Bres\* (France), G.C. Le Goff, C.A. Marquette, L. Blum, C. Guitton, M. Verdier, V. Barlet, D. Rigal, N. Coudurier

P-0742 - MIXED FIELD AGGLUTINATION IN ABO TYPING AFTER ALLOGENEIC HSCT: INFLUENCE OF RECIPIENT SECRETOR STATUS

J.-P. Sigle\* (Switzerland), J. Halter, H. Hustinx, J.R. Storry, M.L. Olsson, A. Buser

P-0744 - MOLECULAR CHARACTERIZATION OF SOME WEAKER VARIANTS OF A & B FROM INDIA

S. Sabita Ray\* (India), A. Gorakshakar, S. Jadhav, A. Nadkarni, K. Vasantha, K. Ghosh

P-0746 - PIPERACILLIN-INDUCED IMMUNE HEMOLYSIS: ONE CENTER'S EXPERIENCE

B. Mayer\* (Germany)

P-0748 - QUANTITATIVE PCR TO DETECT RHCE HYBRID MOLECULES CAUSING WEAK EXPRESSION OF CCEE ANTIGENS

F. Wagner\* (Germany), R. Bittner, A. Dörscher

P-0750 - EVALUATION OF GROUPING AND PHENOTYPING ON THE ECHO® AUTOMATED SYSTEM (IMMUCOR) AT THE EFS

M.L. Wiesel\* (France), A. Boucher

P-0752 - MULTIPLEX PCR SCREENING FOR 35 RED BLOOD CELL SURFACE ANTIGEN GENOTYPES

C. Jungbauer\* (Austria), C. Hobel, D.W.M. Schwartz, W.R. Mayr

P-0754 - VALIDATION OF A GLOBAL SOLUTION IN IMMUNO-HAEMATOLOGY IN A GROUPING OF LABORATORIES IN LE MANS, FRANCE

B. Aufavre\* (France)

P-0756 - SIMPLE AND RAPID DETECTION OF IGM WARM AUTOANTIBODIES

T. Bartolmäs\* (Germany), S. Yürek, A. Salama

P-0758 - ALLOIMMUNIZATION OF PATIENTS HOSPITALIZED IN THE CLINICAL CENTER OF VOJVODINA AND 5 INSTITUTES IN THE NOVI SAD  
S. Lisulov\* (Serbia), R. Jovanovic

P-0760 - EVALUATION OF PCR-SSP AND REAL TIME PCR USING FLUORESCENT DYE AND MELTING CURVE ANALYSIS FOR KEL\*1/KEL\*2 GENOTYPING

C.Z. Novaretti\* (Brazil), A.S. Ruiz, V.R. Medeiros, S.M.F. Abreu, S.L. Bonifácio, P.E. Dorlhiac-Llacer, D.A.F. Chamone

P-0762 - ANTI-K1 FOUND IN MEXICAN TRANSFUSED PATIENTS  
J.L. Alcaraz-Lopez\* (Mexico)

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### Immunohematology

## 5.1 Red Cell Immunology (VII)

*Poster walk moderators: O. Meyer / C. Gabriel*

P-0764 - THE 278C&gt;A POLYMORPHISM IN EXON 6 OF ABO GENE CAUSES A WEAK A PHENOTYPE

D. Cho\* (South-Korea), Y.H. Chang, D.W. Kim, J.K. Lee, Y.J. Hong, S.I. Hong, S.M. Moon, M.H. Yazer, W.R. Jorgensen, D.W. Ryang

P-0766 - PAROXYSMAL NOCTURNAL HEMOGLOBINURIA (PNH) AND TARGETED THERAPY WITH C5 ANTIBODY Eculizumab – CONSEQUENCES FOR TRANSFUSION MEDICINE

B. Höchsmann\* (Germany), I. Von Zabern, R. Leichtle, S. Kaiser, W.A. Flegel, H. Schrezenmeier

P-0768 - BLOOD GROUP GENOTYPING BY HIGH-THROUGHPUT DNA-ANALYSIS APPLIED TO 356 REAGENT RED BLOOD CELL SAMPLES

S. Kappler-Gratias\* (France), T. Peyrard, M. Beolet, P. Rouger, P.Y. Le Pennec, B.N. Pham

P-0770 - IS CURRENT SEROLOGICAL RHD TYPING SUFFICIENT FOR BLOOD DONORS WHEN IT COMES TO AVOIDING IMMUNIZATION OF RECIPIENTS?

G.R. Krog\* (Denmark), F.B. Clausen, M.H. Dziegiel

P-0772 - SUFFICIENT SEROLOGICAL SCREENING OF BLOOD DONORS WITH RARE PHENOTYPES

B. Just\* (Germany), B. Nickel, R. Deitenbeck

P-0774 - PARTIAL RHC ASSOCIATED WITH WEAK C ANTIGEN EXPRESSION IN SICKLE CELL DISEASE PATIENTS

M. Castilho\* (Brazil), C. Costa, C. Credidio, P. Pellegrino Jr, F. Costa

P-0776 - WEAK A PHENOTYPES ASSOCIATED WITH NOVEL ABO ALLELES CARRYING THE A2-RELATED 1061C DELETION AND VARIOUS MISSENSE AMINO ACID SUBSTITUTIONS

A.K. Hult\* (Sweden), M.H. Yazer, R. Jorgensen, Å. Hellberg, M.M. Palcic, M.L. Olsson, T. Peyrard, H. Hustinx

P-0778 - RED CELLS ALLOANTIBODIES AND AUTOANTIBODIES DEVELOPMENT IN TRANSFUSION DEPENDENT THALASSEMIA PATIENTS (TEN YEARS EXPERIENCE)

S. Valsami\* (Greece), M. Drosou-Servou, K. Stamoulis, G. Papadopoulos, V. Fakitsa, D. Vini, E. Desilla, G. Lyrakos, L. Foudoulaki-Paparizos

P-0780 - THE RELATIONSHIP BETWEEN PRESTORAGE LEUKORE-DUCED REDUCTION & REDUCTION OF WASHED RED BLOOD CELLS ISSUING

A.A. Haghparast\* (Iran), A.R. Rostamian, M. FallahTafti

P-0782 - IDENTIFICATION OF A RH: 32 HOMOZYGOUS GENOTYPE

A. Barradas Lichtner\* (Portugal), F. Pereira, M.J. Rodrigues, J. Poole, L. Tilley, T. Chabert

P-0784 - TRANSFUSION OF ANTIBODY-OPSONIZED RED BLOOD CELLS INDUCES A SHIFT IN THE IMMUNE RESPONSE FROM THE RED CELL TO THE ANTIBODY IN A MURINE MODEL

H. Lazarus\* (Canada), D. Brinc, H. Le-Tien, J.W. Semple, J. Freedman, A.R. Crow

P-0786 - ANTI-RHC AFTER RHD PROPHYLAXIS – RARE EVENT OR FREQUENT FINDING?

H.-D. Barth\* (Germany)

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## 5.2 Platelet Immunology

*Poster walk moderators: H. Kroll / C. Kaplan*

P-0790 - EXPRESSION OF THE PLATELET GP SPECIFIC ANTIBODIES AND HLA ANTIBODIES IN PTR PATIENTS IN CHINA

W. Xia\* (China), X. Ye, X. Xu, Y. Chen, Y. Fu

P-0792 - ANALYSIS OF THE IMPACT OF ALLOIMMUNIZATION IN PATIENTS TREATED WITH HOMOLOGOUS PLATELET GEL

G. Di Domenico\* (Italy), G.M. Leonardi, M. Mottola, G. Vaccaro, C. Nocera

P-0794 - APPLICATION OF THE SOLID PHASE ENZYME LINKED IMMUNOSORBENT ASSAY (ELISA) FOR THE DETECTION OF CD36 ON HUMAN PLATELETS

S.-B. Duan\* (China), Y. Li, Z.-M. Mu, H.-B. Tai, W.-C. Kong, W.-C. Yang, J. Tong

P-0796 - SERIAL ASSESSMENT OF CYTOKINES IN PLATELET CONCENTRATES PREPARED BY DIFFERENT METHODS AND THEIR CORRELATION WITH LEUCOCYTE CONTENT

D. Kaur\* (India), R.R. Sharma, N. Marwaha

P-0798 - ESTABLISHMENT AND APPLICATION OF PLATELETPHERESIS TYPED DONOR REGISTRY AND MANAGEMENT STRATEGY OF PLATELET TRANSFUSION IN CHINA

M.L. Feng\* (China), T. Shen, Y.L. Zhao, R.Z. Liu, D.Z. Liu

P-0800 - EVALUATION OF A RAPID PARTICLE GEL IMMUNOASSAY (PAGIA) FOR DETECTION OF HEPARIN/PF4 ANTIBODIES (HPA) - OUR EXPERIENCE

S.T. Tadic\* (Serbia), N. Antonijevic, B. Dmitrovic, B. Zivotic, S. Kosovic, S. Draskovic

P-0802 - SIMULTANEOUS MULTIPLEX DETECTION OF RARE HUMAN PLATELET ANTIGENS BY BEADCHIP™ ANALYSIS

T.H. Hutchinson\* (USA), S. Santoso, K. Trainor, G. Hashmi

P-0804 - COMPARISON AMONG THE VARIOUS METHODOLOGIES FOR THE DETECTION OF HUMAN PLATELET ANTIBODIES

M. Matsuhashi\* (Japan), N.H. Tsuno, M. Kawabata, K. Takahashi

P-0806 - PLATELET-DERIVED IL-27 AND SOLUBLE OX40L ASSOCIATED WITH ACUTE TRANSFUSION REACTIONS

H. Hamzeh-Cognasse\* (France), F. Cognasse, J. Berthet, L. Corash, B. Pozetto, J.C. Osselaer, O. Garraud

P-0808 - A CASE REPORT: PREGNANCY-DERIVED HPA-GPIV ANTIBODIES: AND LEAD TO HYDROPS FETALIS

X. Ye\* (China), Y.S. Fu, W.J. Xia, X.Z. Xu, J. Deng

P-0810 - EVALUATION OF CAPTURE P READY SCREEN ASSAY ON GALILEO ECHO FOR PLATELETS ANTIBODIES SCREENING

A. Quaglietta\* (Italy), A. Matteocci, L. Carinci, S. Vignoli, G. Zotti, L. Pierelli

P-0812 - REMOVAL OF HLA ANTIGENS FROM PLATELETS WITH GAMMA-QUIN®: COMPARISON OF AUTOMATED AND MANUAL METHODS.

S. Chesla\* (USA), L. Sinor, T. Frame, D. Thompson, A. Benson, M. Leach

P-0814 - SOLID PHASE ASSAY FOR THE DETECTION OF HLA CLASS I ANTIBODIES

S. Chesla\* (USA), J. Zirger, G. Patel, T. Mixon, L. Sinor, R. Eatz

P-0816 - DETECTION AND DIFFERENTIATION OF PLATELET ALLO- AND AUTO-ANTIBODIES USING SASPA AND MAIPA: A BLIND INTERLABORATORY COMPARISON

D. Nguyen\* (Germany), M. Göbel, M. Schober, H. Klüter, S. Panzer

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## 5.3 Granulocyte Immunology

*Poster walk moderators: U. Sachs / A. Greinacher*

P-0820 - STREPTOCOCCUS PNEUMONIA INDUCES NB1 SURFACE EXPRESSION IN HNA-2A NEGATIVE NEUTROPHIL SUBPOPULATION AND DEPRESSES PECAM-1

B. Bayat\* (Germany), U.J.H. Sachs, S. Santoso

P-0822 - DETERMINATION SPECIFICITY OF GRANULOCYTE-ASSOCIATED AUTOANTIBODIES BY THE MODIFIED GEL TEST

V. Elkhina\* (Russian Federation), V. Mineeva, V. Elkhina, N. Bodrova, A. Zavarzina

P-0824 - FLOW CYTOMETRIC ASSESSMENT OF CARBOHYDRATE HISTO-BLOOD GROUP EXPRESSION ON LEUCOCYTE SUBPOPULATIONS

A.K. Hult\* (Sweden), R. Ingólfssdóttir, M.L. Olsson

P-0826 - ASSOCIATION OF HLA CLASS 1 ANTIGENS TO THE PREDISPOSITION OF END STAGE RENAL DISEASE

W.M. De Alwis\* (Sri Lanka)

P-0828 - PREVENTION OF IMMUNE TRALI BY SYSTEMATIC SCREENING FOR HNA AND HLA ANTIBODIES IN PLATELET AND PLASMA APHERESIS DONORS

K. Winterstein\* (Germany), A. Borowsky, G. Heinemann, J.-P. Schmidt, C. Grabowski, J. Hering, P. Look, H. Baume, E. Petershofen, P. Hoyer, S. Winterfeld, H. Kroll

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Immunohematology

## 5.4 Fetal-Maternal Immunology

*Poster walk moderators: J. Hoch / E. van der Schoot*

P-0832 - FLOW CYTOMETRY DETECTION OF FETO-MATERNAL HEMORRHAGE FOR THE MANAGEMENT OF ANTI-D ALLOIMMUNIZATION AND OF ANEMIA IN NEWBORNS.

P.L. Tazzari\* (Italy), F. Ricci, S. Manfroi, P. Pagliaro

P-0834 - BLOOD TRANSFUSION NEEDS AND SIGNIFICANCE OF LEWIS ANTIBODIES AMONG PREGNANT MOTHERS

C.H.W. Dodamepegamage\* (Sri Lanka)

P-0836 - SET UP AND VALIDATION OF REAL-TIME PCR TECHNOLOGY FOR MOLECULAR RHD TYPING OF CELL FREE FOETAL DNA IN MATERNAL PLASMA: THE EXPERIENCE OF PAVIA

I. Sbarsi\* (Italy), P. Isernia, L. Montanari, O. Zuffardi, C. Badulli, P. Bergamaschi, M. Martinetti, L. Salvaneschi

P-0838 - A 42-YEARS OLD PREGNANT AFRICAN WOMAN WITH ANTI-U M.A. Villa\* (Italy), M. Florean, F. Truglio, M. Marconi, C. Paccapelo, N. Revelli

P-0840 - HEMOLYTIC DISEASE OF THE NEWBORN (HDN) BY ANTI-C AND ANTI-E IN PATIENTS REFERRED TO THE CENTRAL BLOOD BANK MEDICAL CENTER SIGLO XXI IMSS IN MEXICO

R.B.Z. Ruth\* (Mexico)

P-0842 - THE ROLE OF ALLOIMMUNIZATION TO IRREGULAR ERYTHROCYTE ANTIGENS IN NEONATAL HYPERBILIRUBINEMIA

F.Y. Ayhan\* (Turkey)

P-0844 - COMPLEXITIES ON RHD GENOTYPING IN PREGNANT WOMEN FROM A MULTI-ETHNIC POPULATION

M. Castilho\* (Brazil), R. Amaral

P-0846 - QUANTIFICATION OF FMH: A COMPARIATIVE STUDY OF THE HBF DUAL STAINING AND RHD SINGLE STAINING BY FLOW CYTOMETRY

F. Khoshnaghsh\* (Iran), M. Kheirandish, M. Aghaiipour, M. Deyhim

P-0848 - AUTOHEMOTRANSFUSION IN OBSTETRIC PRACTICE  
B. Bahovadinov\* (Tajikistan), A. Hojiev, B. Zaidulloev, H. Tabarov,  
R. Hakberdiev

P-0850 - EVALUATION OF THE GALILEO® AUTOMATED INSTRUMENT  
(IMMUCOR®) FOR SCREENING IRREGULAR RED BLOOD CELL  
ANTIBODIES IN PREGNANT WOMEN: EXPERIENCE OF FRENCH  
NATIONAL REFERENCE CENTER FOR PERINATAL HEMOBIOLOGY  
A. Mailloux\* (France), A. Montillet, C. Saure, M. Larsen,  
S. Huguët-Jacquot, A. Cortey

P-0852 - FETAL RHD GENOTYPING FROM MATERNAL PLASMA  
LYONNAISE STUDY ON 196 PATIENTS  
E. Guinchard\* (France), E. Mayrand, D. Rigal

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Immunohematology

### 5.5 Diagnosis of TRALI

*Poster walk moderators: A. Greinacher / U. Sachs*

P-0858 - DETECTION OF ANTIBODIES AGAINST HLA- AND OR HUMAN  
NEUTROPHIL ANTIGENS (HNA): AN INTERLABORATORY COMPARISON  
OF 5 INSTITUTES OF THE GERMAN RED CROSS BLOOD DONOR  
SERVICES.

D. Fürst\* (Germany), X.D. Nguyen, U. Schulz, R. Knels, S. Kraas,  
M. Jessen, R. Richter, K. Recker, A. Körner, K. Pabst, L. Petrek,  
H. Schrezenmeier, C. Seidl, J. Mytilineos

P-0860 - EPITOPE CHARACTERIZATION OF RECOMBINANT HUMAN  
NEUTROPHIL ALLOANTIGEN 3A (HNA-3A)

J. Wesche\* (Germany), A. Greinacher, T. Berthold, E. Hammer, U. Völker,  
B. Füll, J. Hoppen, H. Hippe, A. Reil, J. Bux

# Tuesday June 29

## Clinical Transfusion

### 6.1 Neonatal and Pediatric Transfusion

*Poster walk moderators: A. Brand / T. Zeiler*

P-0864 - THE EFFECTIVENESS AND SAFETY OF AUTOLOGOUS UMBILICAL BLOOD DERIVED RED BLOOD CELLS IN A TREATMENT OF POSTOPERATIVE ANAEMIA IN NEWBORNS WITH A SURGICAL PATHOLOGY

M. Appalup\* (Russian Federation), T. Fedorova

P-0866 - THROMBOCYTOPENIA IN NEONATAL ICU-RISK FACTORS AND MORTALITY

S. Panthiyil\* (India), K.C. Usha, S. Kumar

P-0868 - PEDIATRIC LEUKEMIA DIAGNOSED BY IMMUNOPHENOTYPING IN PATIENTS REFERRED TO IRANIAN BLOOD TRANSFUSION RESEARCH CENTER IN 2008

M. Aghaeipour\* (Iran), M. Almasi Aghdam

P-0870 - NEW STRATEGY OF BLOOD TRANSFUSION INSTITUTE OF SERBIA IN THE SUPPLY OF RBCS TO THE INSTITUTE OF NEONATOLOGY

Z. Brajovic Vucicevic\* (Serbia), L. Stamenic, B. Vasiljevic Jovanovic, B. Eric, N. Strbac, J. Istatkov, N. Mladenovic, S. Draskovic, B. Vekovic

P-0874 - IRREGULAR ANTIBODIES(CE) IN D-POZITIVE MOTHER AND SEVERE HAEMOLITIC DISEASE OF THE NEWBORN

S. Milic\* (Serbia)

P-0876 - TRANSFUSION -RELATED HEMOLYSIS IN A PRETERM NEONATE WITH NECROTIZING ENTEROCOLITIS: IS THERE A ROLE FOR RBC T ACTIVATION IN PEDIATRIC TRANSFUSION MANAGEMENT?

K. Stamoulis\* (Greece), S. Tadros, V. Fakitsa, S. Valsami, A. Gounaris, L. Foudoulaki-Paparizos

Tuesday June 29

Clinical Transfusion

## 6.2 Therapeutic Apheresis

*Poster walk moderators: S. Dzik / K. Hölig*

P-0880 - 3 YEARS OF EXPERIENCE USING ALYX IN THE TREATMENT OF HAEMOCHROMATOSIS PATIENTS WITH SEVERE PAIN

B. Eiche\* (Switzerland)

P-0882 - MONONUCLEATED CELL COLLECTION WITH COM.TEC FOR EXTRACORPOREAL PHOTOCHEMOTHERAPY (ECP)

R. Conradi\* (Germany), H. Mitschulat

P-0884 - IRON DEPLETION DYNAMICS AND SAFETY OF THERAPEUTIC ERYTHROCYTAPHERESIS VERSUS CONVENTIONAL PHLEBOTOMY IN PATIENTS WITH HAEMOCHROMATOSIS

P. Lodemann\* (Switzerland), J. Ries, G. Schorer, B.. Frey

P-0886 - DESENSITIZATION IN IMMUNIZED LUNG AND HEART TRANSPLANT RECIPIENTS

S. Rummeler\* (Germany), T. Pauli, M. Breuer, K. Hekmat, D. Barz

P-0888 - THERAPEUTIC ERYTHROCYTAPHERESIS AS AN ALTERNATIVE TO CONVENTIONAL PHLEBOTOMY IN PATIENTS WITH POLYCYTHEMIA VERA AND SECONDARY ERYTHROCYTOSIS

M. D'Onofrio\* (Italy), L. Paesano, F. Varricchio, S. Misso, C. Nocera

P-0890 - THE EFFECT OF LONG TERM THERAPEUTICAL PLASMA EXCHANGE IN PATIENTS WITH RESISTANT FORMS OF SEROPOSITIVE MYASTHENIA GRAVIS - G. Bogdanovic\* (Serbia)

P-0892 - REVIEW OF THERAPEUTIC PLASMAPHERESIS PROCEDURES IN A TERTIARY CARE HOSPITAL IN INDIA

A. Deshpande\* (India), S. Kalgutkar, N. Chauhan

P-0894 - PREOPERATIVE AUTOMATED RED CELL EXCHANGE IN SICKLE CELL DISEASE: EXPERIENCE AT APOLLO HOSPITALS, CHENNAI

R. Menon\* (India)

P-0896 - PBPC COLLECTIONS: PROCEDURES, EFFICIENCY AND RISKS

Z. Gasova\* (Czech Republic), Z. Bhuiyan-Ludvikova, M. Boehmova

# Tuesday June 29

## Clinical Transfusion

### 6.3 Evidence Based Transfusion Medicine Practice (I)

*Poster walk moderators: R. Scharf / B. Keller-Stanislawski*

P-0898 - INDICATIONS FOR BLOOD TRANSFUSION IN GYNEKOLOGY AND OBSTETRICITION

I. Nikoloska\* (Macedonia), R. Apostolovska, T. Makarovska-Bojadzieva, J. Angelovski, R. Raka, E. Velkova, S. Useini, D. Stambolieva

P-0900 - POLYTRAUMATIZED PATIENTS AND BLOOD TRANSFUSION

R. Apostolovska\* (Macedonia), I. Nikoloska, U.S. Useini

P-0902 - BLOOD UTILIZATION IN ELECTIVE SURGERY

S. Misso\* (Italy), G. Fratellanza, C.C. Caggiano, F. Stabile, A. D'Ambra, A. Panza, C. Sagliano, A. Ciardulli, A. Di Biase, M.R. Dell'Aversana

P-0904 - DETERMINATION OF FACTORS THAT HELP US TO DECIDE WHETHER WE SHOULD DO A BLOOD TRANSFUSION OR NOT

S. Patiakas\* (Greece), N. Rousakis

P-0906 - THE IMPACT OF THE INTRODUCTION OF CLINICAL GUIDELINES AND TRAINING IN THE APPROPRIATE USE OF BLOOD AND BLOOD PRODUCTS (AUB) ON THE KNOWLEDGE, ATTITUDE AND PRACTICE OF BLOOD PRESCRIBERS IN ERITREA

C.Th. Smit Sibinga\* (Netherlands), Y.T. Baraki, Swiss Red Cross

P-0908 - TRANSFUSION REQUIREMENTS AFTER ALLOGENIC HEMATOPOIETIC STEM CELL TRANSPLANTATIONS

I. Cuppari\* (Italy), M. Bernardi, O. Perini, D. Clerici, F. Ciceri, S. Rossini

P-0910 - A SNAPSHOT OF CLINICAL PRACTICE OF BLOOD TRANSFUSION IN ANEMIA MANAGEMENT OF CANCER PATIENTS IN SARDJITO GENERAL HOSPITAL, YOGYAKARTA, INDONESIA

R.Z. Rizki\* (Indonesia)

P-0912 - TRANSFUSION IN AUTOIMMUNE HAEMOLYTIC ANAEMIA - OUR EXPERIENCE

A. Mrdja\* (Serbia)

P-0914 - EVALUATION OF INCOMPATIBLE RED BLOOD CELLS  
TRANSFUSION IN AIHA PATIENTS

T. Budhiaty\* (Indonesia), T. Triyono, U. Sukorini

P-0916 - POSITIVE ANTIGLOBULIN TEST IN ONCOLOGY PATIENTS AND  
ITS CLINICAL SIGNIFICANCY

C. Gavranic\* (Serbia), T. Gavranic, B. Gavranic

P-0918 - DESIGNING BIOMARKER MODELS FOR IVIG DOSING STUDIES

B. Dyer\* (Australia), R. Flower

## Tuesday June 29

Clinical Transfusion

### **6.3 Evidence Based Transfusion Medicine Practice (II)**

*Poster walk moderators: P. Hanfland / N. Heddle*

P-0920 - OUTPATIENT BLOOD TRANSFUSION TREATMENT

B. Mihic-Tomic\* (Serbia), L. Ilincic-Franciskovic

P-0922 - BLOOD TRANSFUSION AND HEMORRHAGE IN OBSTETRIC  
PATIENTS

L. Ilincic-Franciskovic\* (Serbia), B. Mihic-Tomic, G. Radunovic

P-0924 - RHD POSITIVE RED BLOOD CELL TRANSFUSION IN RHD  
NEGATIVE RECIPIENTS. PART I: POLICY OF TRANSFUSING OVER THE  
YEARS

Z. Ivankovic\* (Croatia), S. Balen, S. Buneta-Skorup, N. Lukežić,  
Z. Ivankovic, A. Vcev

P-0926 - RHD POSITIVE RED BLOOD CELL TRANSFUSION IN RHD  
NEGATIVE RECIPIENTS. PART II: ANALYSIS OF RHD IMMUNIZATION

Z. Ivankovic\* (Croatia), S. Balen, Z. Ivankovic, N. Vukelic-Damiani,  
L. Caser, A. Mariani-Veselic

P-0928 - USE OF BLOOD TRANSFUSIONS IN PAROXYSMAL NOCTURNAL HEMOGLOBINURIA PATIENTS WITH AND WITHOUT APLASTIC ANEMIA  
H. Schrezenmeier\* (Germany), R. Brodsky, P. Muus, M. Bessler, J. Szer, J.P. Maciejewski, G. Socie, A. Urbano-Ispizua, W. Rosse, Y. Kanakura, B. Höchsmann, A. Karnell, C. Bedrosian, P. Hillmen

P-0930 - AUTOADSORPTION AFTER RECENT (< 3 MONTHS) TRANSFUSION OF RED CELLS – REVIEW OF A FIVE YEAR SINGLE CENTRE EXPERIENCE  
N. Lubenow\* (Sweden), Å. Englund, J. Säfwenberg

P-0932 - EFFICACY OF APHERESIS PLATELET TRANSFUSIONS  
G. Matthes\* (Germany), A. Al-Nakkash,

P-0934 - USAGE OF BLOOD FOR OPERATED VASCULAR PATIENTS  
R. Apostolovska\* (Macedonia), I. Nikoloska, S. Useini

P-0936 - THE INCIDENCE OF CNS BLEEDING IN TRANSFUSION DEPENDENT PATIENTS BEFORE AND AFTER INTRODUCTION OF PATHOGEN INACTIVATED PLATELET COMPONENTS STORED FOR MORE THAN 5 DAYS: A NINE YEAR HEMOVIGILANCE SURVEY  
J.C. Osselaer\* (Belgium), B. De Coene, M.C. Thonet, C. Corlier, C. Sherman, L. Corash, C. Doyen

P-0938 - SPLENECTOMY AND ALLOIMMUNIZATION AMONG TRANSFUSION-DEPENDENT THALASSEMIA PATIENTS  
M. Hamed\* (Egypt), F. Mofteh, G. Hady, N. Fahmy

## Tuesday June 29

### Clinical Transfusion

## 6.4 Haemorrhage and Massive Transfusion

*Poster walk moderators: C. Kirchmaier / J. Koscielny*

P-0942 - DOES AN INCREASED USE OF FRESH FROZEN PLASMA IMPROVE THE OUTCOME OF MASSIVELY TRANSFUSED URBAN TRAUMA VICTIMS  
E.J. Dann\* (Israel), R. Jacob, M. Barzelay, E. Tal-Or, L. Bonstein, M. Michaelson

P-0944 - ESTIMATION OF THE TRAUMA SEVERITY DEGREE IN INJURED WITH ASSOCIATED INJURIES DEPENDING ON THE BLOOD LOSS  
A. Lozhkin\* (Russian Federation), T. Makedonskaya, G. Pakhomova, O. Loran

P-0946 - MAJOR TRAUMA AND TRANSFUSION IN THE NORTH EAST OF ENGLAND  
P.R. Scully\* (United Kingdom), B. Sen, J. Wallis

P-0948 - ANALYSIS OF TWO YEARS OF MASSIVE BLOOD TRANSFUSIONS IN A FRENCH REGIONAL HOSPITAL  
J.-Y. Py\* (France), S. Leo-Kodeli, L. Fauveau, F. Roubinet

P-0950 - HAEMOTHERAPY OF PATIENTS WHICH ARE DEPENDENT ON BLOOD TRANSFUSION IN THE LONG-TERM V.S. PATIENTS WHICH REQUIRE TRANSFUSION IN CASE OF ACUTE BLOOD LOSS  
M. Slavikova\* (Czech Republic), H.I. Holuskova, G.D. Galuszkova

## Tuesday June 29

### Clinical Transfusion

## 6.5 Thrombosis and Haemostasis (I)

*Poster walk moderators: W. Miesbach / B. Bohmke*

P-0954 - THE ASSOCIATION OF FXIII VAL34LEU POLYMORPHISM WITH THROMBOTIC EVENTS IN PATIENTS REFERRING TO IRANIAN BLOOD TRANSFUSION ORGANIZATION  
S. Sajjadi\* (Iran), S. Samiei, M. Kheirandish, M.A. Jalalifar

P-0956 - FUNCTION OF THE NICOTINIC ACETYLCHOLINE RECEPTOR ALPHA-7 IN HUMAN PLATELETS  
A. Schedel\* (Germany), S. Thornton, P. Schloss, H. Klüter, P. Bugert

P-0958 - THE EFFECT OF PSYCHOACTIVE DRUGS ON IN-VITRO PLATELET FUNCTION  
A. Schedel\* (Germany), S. Thornton, H. Klüter, P. Bugert

P-0960 - STUDY OF HAEMOSTATIC DISORDERS IN PATIENTS WITH HYPERTHYROIDISM :THROMBOSIS RISK ASSESSMENT  
S. Patiakas\* (Greece), I. Alexidis, R. Ninis, N. Rousakis, K. Giagloglou

P-0962 - TREATMENT REGIMENS AND COUMARIN DOSES IN PATIENTS WITH MUTATIONS IN VKORC1

M. Watzka\* (Germany), C. Geisen, E. Seifried, J. Oldenburg

P-0964 - RETROSPECTIVE ANALYSIS OF HIT-II-DIAGNOSTIC IN THE INSTITUT OF BREMEN DURING A 2-YEARS PERIOD (JULY 2007 – JULY 2009)

K. Dahse\* (Germany), S. Köster, M. Meyer, E.K. Petershofen, B. Zimmermann

P-0966 - ISOLATION, CLONING AND EXPRESSION OF RECOMBINANT HUMAN FACTOR VII IN CHO CELL LINE

M.A. Jalili\* (Iran), R. Halabian, M. Habibi Roudkenar, N. Amirizadeh

P-0968 - THE USE OF OUTDATED PLATELET RELEASATES IN PREPARATION OF PLATELET GEL AND THE ASSESMENT OF ITS EFFECTS ON THE GROWTH OF FIBROBLAST, MESENCHIMAL, AND CHO CELLS IN TISSUE CULTURES

H. Timori Naghade\* (Iran)

P-0970 - THE CORRELATIVE RESEARCH OF TRANSFUSION AND DEEP PHLEBOTHROMBOSIS INCIDENCE

X.J. Zhang\* (China)

## Tuesday June 29

### Clinical Transfusion

## 6.5 Thrombosis and Haemostasis (II)

*Poster walk moderators: L. Goodnough / J. Schüttrumpf*

P-0972 - VWF AND FVIII PLASMA LEVELS ASSOCIATED WITH ABO(H) AND I BLOOD GROUP SYSTEM DEVELOPMENT

D. Klarmann\* (Germany), C. Eggert, C. Geisen, S. Becker, T. Klingebiel, W. Kreuz, E. Seifried

P-0974 - SUCCESSFUL USAGE OF HEPARIN IN WOMEN WITH RECURRENT MISCARRIAGES INDEPENDENT OF THROMBOPHILIA

S. Monien\* (Germany), O. Kadecki, A. Salama, T. Dörner, H. Kiesewetter

P-0976 - ON THE HETEROGENEITY OF CLINICAL FEATURES IN GIANT PLATELET DISORDERS (GPD) - HAEMOSTASEOLOGICAL ASPECTS IN PATIENTS WITH FECHTNER SYNDROME (FS)

J.F. Schenk\* (Germany), A.M. Nemeš, B. Stephan, M. Marx, H. Eichler, E. Morgenstern

P-0978 - MONITORING OF INTRAOPERATIVE ANTICOAGULATION IN INDIVIDUALS WITH PREKALLIKREIN DEFICIENCY USING ROTATIONAL THROMBELASTOGRAPHY

E. Scharf\* (Germany), R. Bänder, T. Hoffmann, H. Makhloufi

P-0980 - THE PRO33 ISOFORM (HPA-1B) OF PLATELET INTEGRIN  $\alpha$ IIb $\beta$ 3 IS INDEED A PROTHROMBOTIC VARIANT

R. Scharf\* (Germany)

P-0982 - SCREENING FOR DYSFIBRINOGENEMIA USING THE RATIO OF CLAUS FIBRINOGEN AND PROTHROMBIN TIME-DERIVED FIBRINOGEN

T. Hoffmann\* (Germany), A. Heinen, B. Bomke, E. Scharf

P-0984 - CELL ADHESION MEDIATED BY THE PRO33 (HPA-1B) VARIANT OF INTEGRIN  $\alpha$ IIb $\beta$ 3 IS ASSOCIATED WITH INCREASED RESISTANCE TO SHEAR STRESS

R. Scharf\* (Germany), B. Chahem, R. Stoldt

P-0986 - IMPACT OF PHARMACOKINETIC AND PHARMACODYNAMIC GENE VARIANTS ON THE INITIATION AND MAINTENANCE PHASES OF PHENPROCOUMON THERAPY

B. Luxembourg\* (Germany), K. Schneider, K. Sittinger, S. Toennes, E. Seifried, E. Lindhoff-Last, J. Oldenburg, C. Geisen

P-0988 - GENETIC AND CLINICAL PREDICTORS OF PHENPROCOUMON DOSE REQUIREMENTS

C. Geisen\* (Germany), B. Luxembourg, K. Sittinger, S.W. Toennes, M. Watzka, E. Lindhoff-Last, E. Seifried, J. Oldenburg

P-0990 - COMPARISON OF THE FIBRINOGEN CLAUS ASSAY AND THE FIBRINOGEN PT DERIVED METHOD IN PATIENTS WITH DYSFIBRINOGENEMIA

W. Miesbach\* (Germany), S. Alesci, E. Lindhoff-Last

# Tuesday June 29

## Clinical Transfusion

### **6.6 Adverse events, incl. TRALI**

*Poster walk moderators: M. Popovsky / T. Cuijpers*

P-0992 - GUIDELINES FOR IRRADIATION OF BLOOD AND BLOOD COMPONENTS TO PREVENT POST-TRANSFUSION GRAFT-VS.-HOST DISEASE IN JAPAN

Y. Fujii\* (Japan), T. Asai, S. Inaba, K. Takahashi, K. Tadokoro, M. Minami, K. Osada, E. Inada, H. Ohto

P-0994 - LEUCOCYTE-REDUCED RBC TRANSFUSION IS ASSOCIATED WITH INCREASED TRANSCRIPTS OF SPECIFIC GENES IN CARDIAC SURGERY PATIENTS DEVELOPING MULTIPLE ORGAN FAILURE, A GENOME WIDE VIEW

J.A. van Hilten\* (Netherlands), L.S. Sitniakowsky, A.F.L. Later, R.J.M. Klautz, A. Brand

P-0996 - CUMULATIVE INCIDENCE OF RED BLOOD CELL ALLOIMMUNIZATION

S. Zalpuri\* (Netherlands), J.J. Zwaginga, J. Elshuis, R.R.P De Vries, A. Brand, H. Schonewille, J.G. Van der Bom

P-0998 - RELATIONSHIP OF DONOR HLA ANTIBODY STRENGTH TO THE DEVELOPMENT OF TRANSFUSION-RELATED ACUTE LUNG INJURY (TRALI)

S. Hashimoto\* (Japan)

P-1000 - TEN-YEAR FOLLOW-UP OF PLATELET TRANSFUSIONS FROM D+ DONORS TO 935 ADULT D- PATIENTS

J. Cid\* (Spain), G. Carbassé, A. Pereira, R. Mazzara, G. Escolar, M. Lozano

P-1002 - FREQUENCY OF LEUKOCYTE ANTIBODIES AND CONSECUTIVE LOSS OF BLOOD DONORS

J. Gross\* (Germany), B. Stephan, E. Kekukh, A. Reil, H. Eichler

P-1004 - SUPERNATANTS FROM STORED LEUKODEPLETED PACKED RED BLOOD CELLS DO NOT REGULARLY EXHIBIT CHANGES IN THEIR (LYSO-)PHOSPHATIDYLCHOLINE COMPOSITION AND DO NOT CAUSE TRALI IN AN EX VIVO RAT LUNG MODEL

U.J. Sachs\* (Germany), N. Weissmann, W. Wasel, G. Bein, H. Berghöfer, W. Schilow, M. Heiden

P-1006 - TRANSFUSION-ASSOCIATED CIRCULATORY OVERLOAD (TACO): THE LEADING CAUSE OF TRANSFUSION-ASSOCIATED FATALITIES IN THE QUÉBEC HEMOVIGILANCE SYSTEM

P. Robillard\* (Canada), K.I. Nawej, A. Chapdelaine

P-1008 - EFFECT OF USING MALE-ONLY FRESH FROZEN PLASMA FOR TRALI PREVENTION IN THE NETHERLANDS

J.C. Wiersum-Osselton\* (Netherlands), R.A. Middelburg, J.G. van der Bom, A. van Tilborgh, P.Y. Zijlker-Jansen, M.R. Schipperus

P-1010 - IN VITRO COMPARISON OF STANDARD AND NEW PVC FREE TUBE SYSTEMS USED IN EXTRACORPOREAL CIRCULATION IN SIMULATED PEDIATRIC OPEN HEART SURGERY

V. Weisbach\* (Germany), M. Demuth, W. Kasten, T. Göen, M. Wittassek, F. Harig, M. Weyand, R. Eckstein, F. Münch

P-1012 - LETHAL TRANSFUSION ASSOCIATED GRAFT VERSUS HOST DISEASE: STILL A REALITY

S. Rauch\* (Germany), M. Bommer, M. Tassara, J. Mytilineos, H. Schrezenmeier, M. Wiesneth

## Tuesday June 29

Clinical Transfusion

### **6.7 Haemovigilance and Transfusion Safety**

*Poster walk moderators: A. Opitz / P. Robillard*

P-1016 - EVALUATION OF HLA/HPA-MATCHED PLATELET TRANSFUSIONS

F. Danovic\* (Netherlands), H. Vrielink, M.M.W. Koopman

P-1018 - INTRODUCTION OF OCTAPLAS® IN CLINICAL USE  
DECREASED THE RATE OF SERIOUS ADVERSE REACTIONS  
T. Krusius\* (Finland), M.-K. Auvinen, J. Tuimala

P-1020 - COMPATIBILITY OF PACKED RED BLOOD CELLS WITH  
POSITIVE CROSSMATCH RESULTS  
U. Schulte\* (Germany), E. Horstmann, G. Walther-Wenke

P-1022 - HAEMOVIGILANCE IN THE LAW OF TRASFUSION SERVICES  
IN SERBIA  
M. Romic\* (Serbia), Z. Vucicevic

P-1024 - WHO INTERREGIONAL CONSULTATION ON ROLE OF NURSES  
AND MIDWIVES IN ENSURING SAFE CLINICAL TRANSFUSION AND  
PATIENT SAFETY  
N. Dhingra\* (Switzerland), N. Abu Amin

P-1026 - HAEMOVIGILANCE - EVALUATION OF ADVERSE TRANSFU-  
SION EVENTS IN A REGIONAL BLOOD BANK IN LONDRINA, PARANA,  
(2007-2009) AS PART OF THE BRAZILIAN SENTINEL NETWORK  
M. Saito\* (Brazil), R.C.G. Rocha, J.R. Gelinski

P-1028 - IMPACT OF PHENOTYPE-MATCHED RED CELL  
TRANSFUSIONS ON THE LONG TERM BLOOD SUPPLY OF PATIENTS  
UNDER HEMATOONCOLOGIC OUTPATIENT CARE  
J.G. Kadar\* (Germany)

P-1030 - CLINICAL AUDIT OF HAEMOTHERAPY EFFICACY  
D. Galuszkova\* (Czech Republic), J. Galuszka

P-1032 - RED CELL USAGE FOR IRON DEFICIENCY ANAEMIA IN  
A UNIVERSITY TEACHING HOSPITAL  
L. Egan\* (Ireland), E. Conneally, E. Lawlor, D. Gough

P-1034 - NATIONAL HAEMOVIGILANCE DATA FOR HELLAS, 2008  
C. Politis\* (Greece), E. Zervou, O. Marantidou, M. Hatzitaki, G. Martinis,  
E. Kantidaki

P-1036 - NEW TRENDS IN BLOOD COMPONENT ADMINISTRATION  
ERRORS REPORTED TO SHOT  
D.R. Mold\* (United Kingdom), D. Norfolk, H. Jones, C. Taylor, H. Cohen

P-1038 - DONOR IDENTIFICATION FROM STEM CELL APHERESIS PRODUCTS, USING A LATERAL-FLOW BLOOD TYPING TEST  
P. Schwind\* (Switzerland), M. Spicher, E. Seifried, H. Bönig

P-1040 - HLA-ANTIBODIES DURING TRANSFUSION THERAPY WITH LEUKOCYTE DEPLETED POOLED PLATELET CONCENTRATES IN SUPPORTIVE CARE OF OUTPATIENTS WITH HEMATOPOIETIC DISEASES AND SOLID TUMOURS  
B. Höchsmann\* (Germany), T. Holzer, J. Mytilineos, M. Wiesneth, H. Schrezenmeier

## Tuesday June 29

Clinical Transfusion

### **6.8 Alternatives to Blood Transfusion**

*Poster walk moderators: P. Robillard / A. Opitz*

P-1042 - THE INTERVENTION OF INTRAOPERATIVE REINFUSION INTO OBSTETRICAL PRACTICE  
M. Appalup\* (Russian Federation), T. Foteeva, O. Rogachevsky, T. Puchko, T. Fedorova

P-1044 - IMPROVED CLINICAL OUTCOME OF ACQUIRED HEMOPHILIA A: UPDATE OF THE DÜSSELDORF STUDY  
E. Scharf\* (Germany), R. Gheisari, T. Hoffmann, B. Bomke

## Tuesday June 29

Cellular Therapies

### **7.2 Stem Cell and Tissue Banking, incl. Cord Blood**

*Poster walk moderators: K. Bieback / J. McMannis*

P-1046 - COMPARISON OF EXPANSION CULTURE CONDITIONS BETWEEN THE FCS AND HPL IN MESENCHYMAL STEM CELLS EX VIVO  
W. Xia\* (China), X. Xu, Y. Fu, Y. Chen, X. Ye, M. Xu, M. Xu

P-1048 - CONTENT OF CD3+CD4+CD25+ T REGULATORY CELLS DEPENDS ON PRODUCT QUALITY OF UMBILICAL CORD BLOOD HARVESTS

E.F. Strasser\* (Germany), M. Caemmerer, J. Strobel, R. Eckstein

P-1050 - PREVALENCE OF HTLV I/II IN GREEK STEM CELLS DONORS

C. Karachristou\* (Greece), E. Panagogiannopoulou, G. Anagnostou, C. Spilioti, A. Armelidou, I. Minopoulos

P-1052 - EUROCODE AND THE GERMAN PERSPECTIVES ON CODING OF TISSUES AND CELLS

R. Knels\* (Germany), H.J. Mönig, G. Wittmann, R. von Versen, A. Pruss

P-1054 - CORRELATION OF TOTAL NUCLEATED CELL COUNT WITH CD34+ CELL COUNT AND CFU'S ASSAYS IN UMBILICAL CORD BLOOD SAMPLES

M. Nikoogoftar Zarif\* (Iran), S. Abroun, M. Zarrabi, A. Rahimian, F. Raoofi

P-1056 - ALDEHYDE DEHYDROGENASE ACTIVITY VARIATION IN HSCS ISOLATED FROM UMBILICAL CORD BLOOD IN FREEZING CONDITION

M.H. Mohamadi Garavand\* (Iran), M. Aghaiipoor, N. Amirizadeh, S. Hajati, M. Rahbari, M. Amani, M. Nikoogoftar, M. Bashtar

P-1058 - HOXB4 OVER EXPRESSION ENHANCES IN VITRO SELF RENEWAL OF HUMAN CORD BLOOD CD133+ CELLS

M. Allahbakhshian Farsani\* (Iran), N. Amirizadeh, M. Forouzandeh Moghadam, M. Soleimani, A. Pourfatoholah

P-1060 - THE VALUE OF SOLUBLE HLA-G MOLECULES CONTENT IN CORD BLOOD. PERSPECTIVES FOR STEM CELL TRANSPLANTATION

S. Sachetto\* (Italy), C. Capittini, M. Viola, M. Truglio, C. Tinelli, P. Bergamaschi, C. Badulli, A. Pasi, M. Martinetti, R. Poma, L. Salvaneschi

P-1062 - PRESERVATION OF CORD BLOOD STEM CELLS FOR ALLOGENEIC USE: A NEW BIOETHICS CHALLENGE FOR ARGENTINEAN LAW

R.G. Di Tullio Budassi\* (Argentina)

P-1064 - REGENERATIVE MEDICINE: THE FUTURE OF BLOOD & TISSUE BANKING

M.B. Fisk\* (USA), N.D. Kalmin

## Tuesday June 29

### Cellular Therapies

## 7.3 Collection, Processing, Storage and Release

*Poster walk moderators: G. Lanzer / P. Iudicone*

P-1066 - EVALUATIONS OF THE EFFECT OF RADIATION ON BONE MARROW DERIVED HUMAN MESENCHYMAL STEM CELLS

G. Schmidtke-Schrezenmeier\* (Germany), N. Fekete, M. Rojewski, H. Schrezenmeier

P-1068 - STERILITY TESTING OF BLOOD STEM CELL PRODUCTS IS POSSIBLE IN THE PRESENCE OF 1 ML OF A DMSO CONTAINING STEM CELL PRODUCT

E. Richter\* (Germany), K. Tapernon, A.W. Friedrich, W. Sibrowski, G. Schmitz, N. Ahrens

P-1070 - PROBLEMS IN MICROBIAL SAFETY OF CELL THERAPEUTICS - SQUARING THE CIRCLE

T. Montag\* (Germany), M. Störmer, I. Spreitzer, C.K. Schneider, U. Schurig

P-1072 - SIMILARITY OF REPLICATIVE SENEESCENCE-ASSOCIATED GENE EXPRESSION CHANGES IN MESENCHYMAL STROMAL CELLS UNDER VARIOUS CULTURE CONDITIONS

K. Schallmoser\* (Austria), C. Bartmann, E. Rohde, S. Bork, C. Guelly, A.C. Obenauf, A. Reinisch, P. Horn, A.D. Ho, W. Linkesch, G. Lanzer, W. Wagner, D.Strunk

P-1074 - PREDICTION OF CD34-CELL COUNTS IN PERIPHERAL BLOOD AND STEM CELL PRODUCTS AFTER G-CSF MOBILISATION IN UNRELATED DONORS

C. Kreissig\* (Germany), I. Fischer, G. Voelker

P-1076 - AUTOMATED CORD BLOOD PROCESSING USING A FUNCTIONALLY CLOSED SYSTEM WITH A NEW PROTOCOL

J. Zingsem\* (Germany), J. Klaus, V. Weisbach, T. Goecke, R. Eckstein

P-1078 - DESICCATED AND REHYDRATED HUMAN RED BLOOD CELLS CAN CARRY AND DELIVER OXYGEN

S. Bruttig\* (USA), D. Ho, J. Sondeen, I. Gadsden, M. Dubick

P-1080 - DETERMINATION OF ADHESION AND MIGRATION CAPACITY OF INDIVIDUAL CELLULAR THERAPEUTICS

V. Lang\* (Germany), M. Giesen, C. Hintze, S. Boehme, E. Seifried, R. Henschler

P-1082 - THE ADDITION OF PLERIXAFOR CAN RESCUE PBSC COLLECTION IN PATIENTS WITH SUBOPTIMAL CD34 COUNTS AFTER MOBILIZATION REGIMENS WITH CHEMOTHERAPY AND G-CSF

N. Worel\* (Austria), H. Agis, A. D'Addio, R. Soutar, K. Douglas, R.M. Lemoli

P-1084 - ANALYSIS OF THE POTENTIAL INFLUENCE OF CHEMOTHERAPY REGIMEN, PREVIOUS THERAPY, AND G-CSF DOSES ON MOBILIZATION AND HARVEST OF HEMATOPOIETIC PROGENITOR CELLS

A. Humpe\* (Germany), N. Jung, U. Renders, U. Buwitt-Beckmann, A. Günther, H.-A. Horst, M. Gramatzki

## Tuesday June 29

### Cellular Therapies

## 7.4 Clinical Applications

*Poster walk moderators: A. Moldenhauer / L. Sensebe*

P-1088 - HISTONE DEACETYLASE INHIBITION IMPROVES DIFFERENTIATION OF DENDRITIC CELLS FROM LEUKEMIC BLASTS OF PATIENTS WITH TEL/AML1-POSITIVE ACUTE LYMPHOBLASTIC LEUKEMIA

A. Moldenhauer\* (Germany), K. Schmidt, K. Seeger, C. Scheibenbogen, R. Bender, M. Abdulla, S. Süßmilch, A. Salama

P-1090 - APPLICATION OF QUANTITATIVE PCR ANALYSIS OF SINGLE NUCLEOTIDE POLYMORPHISM FOR MONITORING CHIMERISM AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION

C. Sun\* (Taiwan)

P-1092 - RESPONSE OF HUMAN HEMATOPOIETIC STEM AND PROGENITOR CELLS TO ENERGETIC CARBON IONS

D. Becker\* (Germany), L. Bauer, C. Fournier, E. Seifried, T. Tonn

P-1094 - MARKED MODULATION OF PULMONARY DENDRITIC CELLS SUBSETS AFTER TOPIC SKIN TREATMENT WITH THE TLR7 AGONIST IMIQUIMOD

H. Hackstein\* (Germany), A. Knoche, N. Hagel, W. von Wulffen, N. Baal, G. Bein

P-1096 - OXIDATING CONDITIONS DUE TO EOSINOPHILIA OF TUMOR TISSUE CAN IMPACT TUMOR MICROENVIRONMENT BY ENFLUENCING THE ACTIVITY OF DAMAGE ASSOCIATED MOLECULAR PATTERNS (DAMPs) RELEASED BY NECROTIC TUMOR

R. Blasczyk\* (Germany), K. Fuchs, G.I. Herzog, T. Yildiz, G. Solgi, R. Lotfi M. Rojewski, H. Schrezenmeier

P-1098 - GMP COMPLIANT ISOLATION OF UNTOUCHED CMV-SPECIFIC DONOR DERIVED CD3+CD8+ T LYMPHOCYTES USING STREPTAMER-TECHNOLOGY

M.K. Odendahl\* (Germany), T. Tonn, L. Germeroth, D. Busch, E. Seifried

## Tuesday June 29

### Clinical Immunogenetics

## 8.1 HLA in Transfusion Medicine

*Poster walk moderators: G. Hütter / S. Castilho*

P-1098a - ALLO-IMMUNE PLATELET TRANSFUSION REFRACTORINESS SURMOUNTED BY ALLOGENEIC STEM CELL TRANSPLANTATION – A CASE REPORT

L. Bonstein\* (Israel), G. Stemer, E.J Dann, T. Zuckerman, J.M. Rowe, N. Haddad

P-1098c - FINDING OUT THE MOST COMMON HLA CLASS I A LOCUS ANTIGENS AMONG PATIENTS AND DONORS WHO ARE AWAITING KIDNEY AND BONE MARROW TRANSPLANTATION IN SRI LANKA IN 2009

L.S. Veerasingam\* (Sri Lanka)

P-1098e - PREVALENCE OF HLA ANTIBODIES IN POST PREGNANCIES FEMALE BLOOD DONORS

H.T. Bolckova\* (Czech Republic), E. Matejkova, Z. Gasova, J. Zlabova, A. Vlachova

P-1098g - THE EXCEPTIONAL COMPOSITION OF THE F POCKET IN HLA-A\*74 SHIFTS THE NATURE OF THE LIGANDS TOWARDS HIGH C-TERMINAL PROMISCUITY

C. Bade-Döding\* (Germany), S. Aufderbeck, B. Eiz-Vesper, R. Blasczyk

P-1098i - PHENOTYPIC HLA CHARACTERISATION OF LEUKEMIC BLASTS: IMPLICATIONS FOR APPROPRIATE IMMUNO AND ANTI-TUMOR THERAPY IN PATIENTS WITH RELAPSE AFTER HAPLOIDENTICAL STEM CELL TRANSPLANTATION

M. Schulz\* (Germany), P. Skrablin, R. Richter, E. Seifried, P. Bader, C. Seidl

## Tuesday June 29

### Clinical Immunogenetics

## 8.2 Histocompatibility in Stem Cell Transplantation

*Poster walk moderators: R. Blasczyk / C. Cserti-Gazdewich*

P-1102 - HLA-B\*9553: A NOVEL, PRIVATE HLA-ALLELE INHERITED IN 3 GENERATIONS

S. Wienzek-Lischka\* (Germany), M. Ernst-Schlegel, C. Lang, M. Scharf, K. Mueller, G. Bein

P-1104 - ALLELES AND HAPLOTYPES FREQUENCIES IN UMBILICAL CORD BLOOD SAMPLES DEFINED BY HLA TYPING OF HLA A, B, DRB1 AND DQB1: REPORT OF THE CENTRO NACIONAL DE LA TRANSFUSION SANGUÍNEA IN MEXICO

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

P-1106 - INHIBITORY DONOR KIR 2DL1 AND 2DL3 RECEPTORS REVEAL A SIGNIFICANT IMPACT ON THE OUTCOME OF STEM CELL TRANSPLANTATION FOR TREATMENT OF MYELOIC LEUKEMIA.

R. Richter\* (Germany), P. Skrablin, M. Schultz, H. Serve, G. Bug, E. Seifried, H. Martin, C. Seidl

P-1108 - PATIENTS WITH A NOD2/CARD15 POLYMORPHISM FOR SNP12 AND SNP13 REVEAL A REDUCED OVER ALL SURVIVAL AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION

R. Richter\* (Germany), E. Widmann, P. Skrablin, M. Schultz, H. Serve, G. Bug, E. Seifried, H. Martin, C. Seidl

## Tuesday June 29

Clinical Immunogenetics

### 8.3 Histocompatibility in Organ Transplantation

*Poster walk moderators: R. Blasczyk / J. Mytilineos*

P-1112 - IL-6 AND IFN- $\gamma$  POLYMORPHISM, A RISK FACTOR FOR ACUTE REJECTION OF KIDNEY TRANSPLANTATION

P. Ebadi\* (Iran), M.H. Karimi, A.A. Pourfathollah, S. Daneshmandi, B. Germizadeh

P-1114 - PREFORMED ANTIBODIES, EITHER DETECTED BY LYMPHOCYTOTOXICITY TESTING OR BY ANTI-HLA-ELISA ARE ASSOCIATED WITH REDUCED RENAL GRAFT SURVIVAL

R. Richter\* (Germany), I.A. Hauser, M. Miriam, E. Scheuermann, H.-G. Kachel, J. Gossmann, S. Gauer, E. Seifried, C. Seidl

P-1116 - BLOOD TRANSFUSION EFFECT ON PANEL REACTIVE ANTIBODY TEST RESULTS AND OUTCOMES AFTER HEART TRANSPLANTATION

R. Radovancevic\* (USA), P. Allison, A. Bracey, R. Kerman, S. Allison, I. Gregoric, O. Frazier

## Tuesday June 29

Novel Development

### 9.1 Novel Development

*Poster walk moderators: P. Bugert / H. Klump*

P-1118 - ENHANCED AGGLUTINATION REACTION OF ABO SUBGROUPS BY GOLD NANOPARTICLE: IMPLICATION FOR IDENTIFICATION OF ABO DISCREPANCIES

P. Ammaranond\* (Thailand), J. Sriyarak, S. Saejong, P. Deesin, A. Sereemaspun, R. Rojanathanes

P-1120 - PREPARATION OF A VIRALLY-INACTIVATED HUMAN PLATELET-DERIVED TGF- $\beta$ -ENRICHED FRACTION DEPLETED OF PDGF

Y.-P. Kuo\* (Taiwan), P.-A. Burnouf, Y.H. Tseng, T Burnouf, C Su

P-1122 - THE ROLE OF THE ENDOSOMAL MACHINERY ON THE MAINTENANCE OF SOMATIC STEM AND PROGENITOR CELLS  
A.-K. Ludwig\* (Germany), P. Horn, B. Giebel

P-1124 - ABO HAPLOTYPING USING ALLELE SPECIFIC LONG-RANGE PCR - A NEW AND SIMPLE METHOD TO RESOLVE SEROLOGIC DISCREPANCIES  
E.M. Matzhold\* (Austria), C. Drexler, S. Oczko, W. Helmberg, T. Wagner, G. Lanzer

P-1126 - PROCESSING AND FRACTIONATION OF HUMAN POOLED PLATELET CONCENTRATES INTO GROWTH FACTOR PREPARATIONS: A NEW RANGE OF INDUSTRIAL BLOOD PRODUCTS FOR CLINICAL USE AND CELL THERAPY?  
T. Burnouf\* (France), Y.P. Kuo, Y.-H. Tseng, C.-T. Lin, C.Y. Su

P-1128 - CIRCULATING ENDOTHELIAL PROGENITOR CELLS (CEPCS) AFTER RECOMBINANT HUMAN GRANULOCYTE-COLONY STIMULATING FACTOR (RHG-CSF) IN HEALTHY DONORS  
P. Topcuoglu\* (Turkey), O. Karacaoglu, S. Sahin, P. Topcuoglu, K. Dalva, O. Arslan

P-1130 - RESEARCH OF V617F-JAK 2 MUTATION IN PATIENTS WITH ERYTHROCYTOSIS IN TREATMENT WITH THERAPEUTIC ERYTHROCYTAPHERESIS  
M. D'Onofrio\* (Italy), L. Paesano, F. Varricchio, R. Ciancia, C. Nocera

P-1132 - COMBINED USE OF AUTOMATED HPA-1A SEROLOGICAL SCREENING AND DNA ARRAY GENOTYPING PLATFORM TO ESTABLISH A PANEL OF HPA TYPED DONORS  
L. Luisa\* (Spain), M. Marta, G. Gema, E. Emma

P-1134 - AUTOMATIC BLOOD GROUP SEROLOGICAL INSTRUMENT WITH LOW CONSUMABLES STRATEGY  
Zs. Szabó\* (Hungary), E. Benko, S. Tovolgyi

P-1136 - INNOVATION IN BLOOD PROCESSING: INTRODUCTION OF THE FIRST « READY TO LOAD » CASSETTE FOR PLATELETS POOLS PREPARATION ON THE TERUMO TACSI®  
R. Biset\* (Belgium), M. Imholz, W. Mertens, K. Nackaerts, F. Bidet

P-1138 - "A SECOND LOOK" AT HUMAN PLATELET VIABILITY  
M. Hermann\* (Austria), C. Reif, H. Schennach, E.M. Amann, O. Nussbaumer, P. Hengster, W. Streif, W. Nussbaumer

P-1140 - A SUBSET OF PATIENTS WITH COMMON VARIABLE IMMUNODEFICIENCY (CVID) SHOW BLOOD GROUP ANTI-A AND B IGM ANTIBODY AS DETECTED BY SURFACE PLASMON RESONANCE.

B. Fischer\* (Austria), W. Wolfram, H. Wolf, M. Eibl, M. Fischer

P-1142 - AN INCREASE IN AFFINITY OF ANTI-BLOOD GROUP A ANTIBODY IN PATIENTS WITH TYPE I DIABETES MELLITUS AND HEALTHY INDIVIDUALS WITH HIGH ANTI-BLOOD GROUP A TITER FOLLOWING PNEUMOVAX 23 VACCINATION

B. Fischer\* (Austria), W. Wolfram, C Buchta, M. Fischer

P-1144 - EVALUATION OF THE KINETIC OF AGGREGATION USING A NEW SIMPLE PHOTOMETRIC TECHNIQUE

M. García Rosasco\* (Argentina), J. Valverde

P-1146 - ABH ANTIGENS IN MEN WITH UNEXPLAINED INFERTILITY

A. Brufman\* (Argentina), M. Umansky

P-1148 - DEVELOPING A NON-VIRAL GENE TRANSFER STRATEGY FOR THE TREATMENT OF HEMOPHILIA B USING FIX VARIANTS WITH HIGH SPECIFIC CLOTTING ACTIVITY

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

P-1150 - LABELING OF DENDRITIC CELL POPULATIONS WITH FLUORESCENT NANOPARTICLES: FEASABILITY AND INFLUENCE ON CELLULAR FUNCTIONS

V. Mailänder\* (Germany), O. Zupke, E. Distler, D. Baumann, K. Landfester, W. Herr

## Tuesday June 29

### History

## 10.1 History

*Poster walk moderator: P. Bugert*

P-1152 - 77 YEARS BLOOD TRANSFUSION SERVICE IN LEIPZIG, GERMANY (1933 - 2010)

G. Matthes\* (Germany), V. Thierbach, J. Leupold