

From the Congress President

On the behalf of International Advisory Board and International Organizing Committee, it is my great pleasure to invite you to Yokohama to attend the combined meeting of World Apheresis Association (WAA) 11th Congress and 6th World Congress of the International Society for Apheresis (ISFA). WAA federates many national, continental and international societies for hemapheresis and transfusion science, and ISFA is a representative international society for therapeutic apheresis. They have contributed to the development of these scientific fields for many years.

These two societies serve a regular meeting every two years. This is the first combined congress of the two Societies. It is really an anniversary congress. Many lecture, symposium, workshop and seminars are planned in the congress. Highly scientific papers will be presented at free communications and poster sessions. Several supports will be provided to the participants from developing countries.

At the same period, 27th Annual Meeting of Japanese Society for Apheresis (JSFA) will be held in the adjacent venue. I expect the full communication between foreign guests and Japanese participants.

I encourage all the scientists, researchers, clinicians and co-medicals of this field to submit abstracts and join this anniversary congress. We look forward to seeing you in the Congress.

Sincerely

Tadao Akizawa

President

World Apheresis Association 11th Congress

6th World Congress of the International Society for Apheresis

2007 WAA/ISFA Organizing Committee

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Hisaichi Fujii
Yasutaka Hoshi
Takao Matsukane
Hidenori Matsuo
Michio Mineshima
Shun Murabayashi
Motoki Yonekawa
Noriaki Yorioka

March 2 2007 Room 1 Small Auditorium

Workshop 1

15:45~18:00

[Donor Apheresis in the World]

Chair Person : Shoichi Inaba (Japan)

Peta M Dennington (Australia)

- IW-1-1 [Donor Apheresis in Japan]
Shoichi Inaba (Japan)
- IW-1-2 [Donor Apheresis in Korea]
Dong Hee Seo (Korea)
- IW-1-3 [DONOR APHERESIS IN THE USA]
JAMES W. SMITH (USA)
- IW-1-4 [DONOR APHERESIS IN AUSTRALIA]
Peta M Dennington (Australia)

March 2 2007 Room 2 501/502

Opening Ceremony

13:30~15:30

[State of Art Lecture 1]

Chair Person : Horst Klinkman (Germany)

[LDL-Apheresis : Its Present and Future utilization for Vascular Disease]

Patrick M. Moriarty (USA)

[State of Art Lecture 2]

Chair Person : Yukihiro Nosé (USA)

[Endothelial Progenitor Cells in Patients With Chronic Renal Failure]

Uichi Ikeda (Japan)

Cohn de Laval Award Lecture

15:45~18:00

[Cohn de Laval Award Lecture]

Chair Person : Horst Klinkman (Germany)

[Lowering cholesterol : 25 years experience with apheresis in patients with homozygous familial hypercholesterolemia]

Akira Yamamoto (Japan)

March 3 2007 Room 1 Small Auditorium

Congress Lecture 1

9:00~10:00

「The Microangiopathies : apheresis as a therapy」

Chair Person : Masaru Shimizu (Japan)

Gail Rock (Canada)

Symposium 1

10:05~12:05

「Intensive or Maintenance Cytapheresis for Refractory Ulcerative Colitis」

Chair Person : Takayuki Matsumoto (Japan)

Douglas C. Wolf (USA)

- IS-1-1 「Observations of Adacolumn therapy (therapeutic apheresis) in patients with refractory inflammatory bowel disease from a North American clinical trial.」
Douglas C. Wolf (USA)
- IS-1-2 「Long-term effects of leukocytapheresis for patients with severe or refractory ulcerative colitis ; rescue from operation and reduction of steroid」
Toshio Shinoda, Kenji Kondo, Masakazu Takazoe, Tsutomu Hamada (Japan)
- IS-1-3 「Leukocytapheresis (LCAP) for Management of Fulminant Ulcerative Colitis with Toxic Megacolon」
Koji Sawada (Japan)
- IS-1-4 「A Multicenter Randomized Controlled Trial Between Weekly And Semiweekly Granulocyte And Monocyte Apheresis For Active Ulcerative Colitis」
Atsushi Sakuraba, Takayuki Matsumoto, Toshifumi Hibi (Japan)
- IS-1-5 「Suppression of Inflammatory Cytokine Secretion by Granulocyte/Monocyte Adsorptive Apheresis in Active Ulcerative Colitis : A Case of Remission Maintenance Therapy.」
Atsuhiko Ogawa, Akira Andoh, Tomoyuki Tsujikawa, Masaya Sasaki,
Yoshihide Fujiyama (Japan)
- IS-1-6 「Leukocyte-modulation During Leukocytapheresis for Ulcerative Colitis Patients As A Possible Predictive Marker In Its Clinical Response」
Kouji Kamikozuru, Ken Fukunaga, Yoko Yokoyama, Kazuko Nagase,
Katsuyuki Tozawa, Yoshio ohda, Nobuyuki Hida, Yoshihiro Fukuda,
Takayuki Matsumoto (Japan)

Workshop 2

13:30~15:30

「Recent Development of Artificial or Biological Liver Support System」

Chair Person : Makoto Yoshiba (Japan)

Michiaki Matsushita (Japan)

「Artificial Liver Support」

- IW-2-1 「The role of extracorporeal liver support systems in the treatment of liver failure」
Jan Stange (Germany)
- IW-2-2 「Therapeutic Application of Non-Biological Artificial Liver Support System in Acute-on-Chronic Liver Failure」
Guo Limin (China)
- IW-2-3 「Most Effective Artificial Liver Support System Is An Alternative To Liver Transplantation And A Solution For Shortage Of Donor In Fulminant Hepatic Failure」
KAZUAKI INOUE, MASAYA YAMADA, TSUNAMASA WATANABE,
MAKOTO YOSHIBA (Japan)

「Bioartificial and Biological Liver Support」

- IW-2-4 「Artificial Support of the Failing Liver : Yesterday, Today and Tomorrow」
Jacek Rozga (USA)
- IW-2-5 「Bioartificial liver support - current concepts, limitations and potential solutions」
Igor M. Sauer (Germany)
- IW-2-6 「Development of a Whole Blood-perfusion Typed Bioartificial Liver」
Naoya Kobayashi (Japan)

※Cosponsored by Toray Industries, Inc.

Workshop 3

16:30~18:30

「National and International Registry for Apheresis -Current status-」

Chair Person : Tohru Tani (Japan)

Paul S. Malchesky (USA)

- IW-3-1 「2005 International Apheresis Registry」
Paul S. Malchesky, Anna P. Koo, Gerald A. Roberson, Angela T. Hadsell,
Lisa A. Rybicki (USA)
- IW-3-2 「Establishment of an On-line Registry System for Apheresis in Korea」
Kyou-Sup Han (Korea)
- IW-3-3 「French Therapeutic Apheresis Survey」
Jean-Michel KORACH, David PETITPAS, Salem OULD-ZEIN, Charles GREGOIRE,
Philippe BERGER, Patrick CHILLET (France)
- IW-3-4 「National and International Registry for Apheresis —Current status—」
Bernd Stegmayr (Sweden)
- IW-3-5 「Registration of Apheresis in Japan」
Tohru Tani, Yoshihiro Endo, Tomoharu Shimizu (Japan)

Evening Seminar

18:30~19:30

「The role of apheresis therapy in the treatment of immune mediated diseases」

Chair Person : Fumihiko Koiwa (Japan)

Wolfgang Ramlow (Germany)

Cosponsored by : CHUGAI PHARMACEUTICAL CO., LTD.

March 3 2007 Room 2 501/502

Congress Lecture 2

9:00~10:00

「Safety Blood Purification Methods for the Success of Kidney Transplantation」

Chair Person : Kota Takahashi (Japan)

Shinichi Nishi, Fumitake Gejyo, Kota Takahashi (Japan)

Symposium 2

10:05~12:05

「Apheresis for Collagen Disease」

Chair Person : Hiroshi Tsuda(Japan)

Loic Guillevin(France)

- IS-2-1 **「Filtration Leukocytapheresis (LCAP) for Rheumatoid Arthritis (RA)」**
Maki Kagitani, Shigeki Makino, Nobuhisa Shibahara, Toru Inoue, Toshiaki Hanafusa (Japan)
- IS-2-2 **「Leukocytapheresis for Rheumatoid Arthritis」**
Toshihiko Hidaka (Japan)
- IS-2-3 **「Cytapheresis for Angitis」**
Midori Hasegawa, Chikako Nishii, Nao Kabutan, Masao Kato, Atsushi Ohashi, Yoshiyuki Hiki, Hisaji Oshima, Satoshi Sugiyama (Japan)
- IS-2-4 **「Plasma exchange for the treatment of Hemophagocytic syndrome」**
Michihiro Ogasawara, Mitsunori Yasuda, Ken Yamaji, Yoshinori Kanai, Hiroshi Tsuda, Yoshinari Takasaki (Japan)
- IS-2-5 **「Long-term clinical outcomes comparison between plasmapheresis and intravenous cyclophosphamide pulse therapy in the treatment of steroid-resistant lupus nephritis」**
Ken Yamaji, Hiroshi Tsuda, Yoshinari Takasaki (Japan)

Symposium 3

13:30~15:30

[Recent Advance in Therapeutic Apheresis for Multiple Sclerosis]

Chair Person : Chang-Sung Koh (Japan)
Bhupendra O. Khatri (USA)

- IS-3-1 [Plasmapheresis Therapy in Multiple Sclerosis: The Past, Present and the Future]
Bhupendra O. Khatri (USA)
- IS-3-2 [Plasma exchange in CNS demyelinating diseases: Do we understand how and when it works?]
Brian Weinschenker (USA)
- IS-3-3 [NMO, MS, and Plasmapheresis in Japan]
Kazuo Fujihara (Japan)

Workshop 4

16:30~18:30

[Therapeutic Apheresis in Autoimmune Neuropathies and Myasthenia]

Chair Person : Hidenori Matsuo (Japan)
Helmar C. Lehmann (Germany)

- IW-4-1 [Introducing the therapeutic apheresis in the neurological disorders]
Kyoichi Nomura (Japan)
- IW-4-2 [Plasma exchange in immune-mediated neuropathies]
Helmar C. Lehmann (Germany)
- IW-4-3 [Plasmapheresis in immune-mediated neuromuscular disorders]
Fujio Umehara (Japan)
- IW-4-4 [Plasmapheresis in Myasthenia Gravis: An Evidence based Approach and Twelve Years Experience]
Hou-Chang Chiu (Taiwan)

March 3 2007 Room 3 301

Free Communication

10:05~10:50

[Transplantation]

Chair Person : Ghodrat Siami(USA)
Tsutomu Sanaka(Japan)

- FC-01 [Acute Humoral Renal Transplant Rejection: Successful Graft Rescue With Immunotherapy.]
Division of Immunotherapy, California Pacific Medical Center, San Francisco, California, USA¹, Apheresis Care Group, San Francisco, California, USA²
Jan C. Hofmann, Sheila J. Smith, Regina M. Rohe, Dobri D. Kiprof

- FC-02 **[Pre- and postoperative plasmapheresis for posttransplant recurrence of focal segmental glomerulosclerosis in children]**
 Department of Pediatric Nephrology, Kidney Center, Tokyo Women's Medical University, Japan¹, Department of Urology, Kidney Center, Tokyo Women's Medical University, Japan², Department of Surgery, Kidney Center, Tokyo Women's Medical University, Japan³, Department of Blood Purification, Kidney Center, Tokyo Women's Medical University, Japan⁴, Department of Internal Medicine, Kidney Center, Tokyo Women's Medical University, Japan⁵
 Ken-ichiro Miura¹, Hideki Matsumura¹, Nao Kuroda¹, Eriko Tanaka¹, Masataka Hisano¹, Hiroko Chikamoto¹, Yuko Akioka¹, Sampei Miyakawa¹, Miyuki Kohno¹, Kazunari Tanabe², Satoshi Teraoka³, Michio Mineshima⁴, Takashi Akiba^{4,5}, Motoshi Hattori¹
- FC-03 **[Red Blood Cell Exchange to Reduce Toxic Level of Tacrolimus (PROGRAF, FK 506) in a Liver Transplant Patient]**
 American Red Cross Midwest Region Blood Services (USA)
 Ramakrishna L Reddy

Free Communication

10:50~11:35

[Miscellaneous]

Chair Person : Izumi Amano(Japan)

Kenji Tsuchida(Japan)

- FC-04 **[MARS treatment in AOCHEF patients on TX waiting list improves MELD score.]**
 The Department P. Stefanini, University La Sapienza of Rome, Rome (Italy)
 Gilnardo Novelli, Massimo Rossi, Renzo Pretagostini, Vincenzo Morabito, Alessandro Bussotti, Pasquale Berloco
- FC-05 **[Investigation of the Clinical Effect of Large Volume Leukocytapheresis for Rheumatoid Arthritis of medication resistant]**
 Department of Internal Medicine & Rheumatology, Juntendo University School of Medicine, Tokyo (Japan)¹, Department of General Medicine, Juntendo Tokyo Koto Geriatric Medical Center, Tokyo (Japan)²
 Shin Onuma¹, Ken Yamaji¹, Yoshinori Kanai¹, Hitoshi Ogasawara¹, Chie Yamaguchi¹, Michihiro Ogasawara¹, Kazuo Kempe¹, Kwangseok Yang², Hiroshi Tsuda², Yoshinari Takasaki¹
- FC-06 **[THE LEUKOCYTE INHIBITION MODULE, AN EXTRACORPOREAL IMMUNE MODULATING DEVICE]**
 LEUKOCARE AG, Paul-Ehrlich-Str. Frankfurt am Main (Germany)¹, FAMEMA, Faculdade de Medicina de Marilia, Sao Paulo (Germany)²
 Jens Altrichter¹, Stefan Margraf¹, Ieda Francischetti², José Bitu-Moreno², Martin Scholz¹

Luncheon Seminar A

12:15~13:15

「Long term LDL apheresis impacts of initial LDL cholesterol on clinical outcome」

Chair Person : Toshio Shinoda (Japan)

Peter Schuff-Werner (Germany)

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Symposium 4

13:30~15:30

「Apheresis Therapy for Coronary Heart Disease」

Chair Person : Nobuhiko Koga (Japan)

Patrick M. Moriarty (USA)

- IS-41 **「LDL-apheresis in children with familial hypercholesterolemia」**
Jean-Bernard Palcoux, Marielle Atassi-Dumont, Patrice Lefevre, Olivier Hequet,
Jean-Louis Schlienger, Pierre Brignon, Bernard Roussel, Christine Azema (France)
- IS-42 **「Factors that determine the prognosis of FH under LDL-apheresis therapy」**
Mariko Harada-Shiba, Hisashi Makino, Takako Sugisawa, Ayako Nagumo,
Hajime Nakahama, Yasunao Yoshimasa, Akira Yamamoto, Hitonobu Tomoike (Ja-
pan)
- IS-43 **「Therapeutic effects of LDL apheresis on coronary heart disease in patients with
familial hypercholesterolemia」**
Toshinori Higashikata, Masa-aki Kawashiri, Atsushi Nohara, Mutsuko Takata,
Kosei Ueda, Akihiro Inazu, Junji Kobayashi, Junji Koizumi, Masakazu Yamagishi,
Hiroshi Mabuchi (Japan)
- IS-44 **「Evaluation of Coronary Artery Disease by 64 Multidetector-row CT (MD-CT) in
Familial Hypercholesterolemic (FH) Patients Treated by Long-Term LDL-
Apheresis (LDL-A)」**
Nobuhiko Koga (Japan)
- IS-45 **「The possibility of peripheral-derived mononuclear cell transplantation to the pa-
tient with coronary heart disease」**
Takafumi Ueno, Yoshihisa Fujiura, Junichiro Shimamatsu, Hirofumi Shimada,
Yasuki Nanjo, Yoshihiro Noda (Japan)
- IS-46 **「Apheresis Therapy for Coronary Heart Disease」**
Patrick M. Moriarty (USA)

Symposium 7

16:30~18:30

[Immunoabsorption as a New Treatment against Autoimmune Heart Failure]

Chair Person : Akiyasu Baba (Japan)

Michael Fu (Sweden)

- IS-7-1 [Autoimmunity in dilated cardiomyopathy]
Michael Fu (Sweden)
- IS-7-2 [Specific removal of β 1-adrenoceptor autoantibodies by immunoabsorption in rabbits with autoimmune cardiomyopathy improved cardiac structure and function]
Shinobu Matsui (Japan)
- IS-7-3 [Immunoabsorption as a new treatment against autoimmune heart failure]
Marcus Doerr, Alexander Staudt, Stephan B. Felix (Germany)
- IS-7-4 [Cardiodepressant effect and autoantigens of anti myocardial autoantibody]
Akiyasu Baba (Japan)
- IS-7-5 [Double-filtration plasmapheresis (DFPP) in cardiac dysfunction patients with advanced chronic renal disease (CKD)]
Hideyasu Kiyomoto (Japan)

March 3 2007 Room 4 302

Luncheon Seminar B

12:15~13:15

[Extracorporeal blood purification in the management of patients with hepatic failure]

Chair Person : Tohru Tani (Japan)

Andre Kaplan (USA)

Cosponsored by : KURARAY MEDICAL INC.

Symposium 5

13:30~15:30

[Recent Advances of Apheresis in Dermatology]

Chair Person : Kenji Takamori (Japan)

Shigaku Ikeda (Japan)

[1 Recent Therapeutic Trends in Toxic Epidermal Necrolysis]

- IS-5-1 [Pathogenesis and recent therapeutic trends in Stevens-Johnson syndrome and toxic epidermal necrolysis]
Sami Bahna (USA)
- IS-5-2 [Intravenous immunoglobulins and plasmapheresis combined treatment in patients with severe toxic epidermal necrolysis : preliminary report]
Lissia Mario (Italy)
- IS-5-3 [Plasmapheresis for the treatment of toxic epidermal necrolysis in Japan]
Hiromichi Yamada, Kenji Takamori (Japan)

[2 Advances of Granulocytapheresis in Dermatology]

- IS-5-4 [Granulocyte and Monocyte Adsorption Apheresis (GCAP) for Refractory Skin Diseases Attributable to Activated Neutrophils]
Takuro Kanekura, Katsuya Hiraishi (Japan)
- IS-5-5 [Efficacy of granulocyte and monocyte adsorption apheresis for refractory skin diseases]
Mariko Seishima, Chikako Arakawa, Yoshinao Shibuya, Yoko Mizutani, Takahiko Aoki (Japan)
- IS-5-6 [Granulocytapheresis for the treatment of pyoderma gangrenosum resistant to steroid and immunosuppressants]
Keiko Okuma, Kouichi Mitsuishi, Toshio Hasegawa, Hitoshi Tsuchihashi, Shigaku Ikeda (Japan)

Free Communication

16:30~17:30

[SLE, Vasculitis]

Chair Person : Peter Ivanovich (USA)

Motoshi Hattori (Japan)

- FC-07 [Extending indications for plasma exchange use in renal vasculitis.]
Dept. of Nephrology P, Rigshospitalet, University of Copenhagen, Copenhagen (Denmark)
Wladimir M. Szpirt, Elizabeth Krarup, Martin Egfjord
- FC-08 [Plasmapheresis (PP) dramatically improves the prognosis of refractory Microscopic Polyangiitis (MPA)]
Department of Internal Medicine (I), Osaka Medical College, Osaka (Japan)¹, Blood Purification Center, Osaka Medical College, Osaka (Japan)²
Maki Kagitani¹, Toru Inoue², Yoko Tabushi¹, Yoshiko Kawasaki¹, Katsuyuki Nagatoya², Nobuhisa Shibahara², Toru Takeuchi¹, Shigeki Makino¹, Toshiaki Hanafusa¹
- FC-09 [Apheresis for RPGN. Effect on death and renal death.]
Department of Medicine, Kidney Center, Tokyo Women's Medical University, Tokyo (Japan)¹, Department of Blood purification, Kidney Center, Tokyo Women's Medical University, Tokyo (Japan)²
Masae Iwamoto¹, Kan Kikuchi², Norisato Ikebe², Naoko Miwa², Takumi Yoshida², Naoki kimata², Keiko Uchida¹, Wako Yumura¹, Takashi Akiba², Kousaku Nitta¹
- FC-10 [Possible role of plasma apheresis to exclude some proteins which are related with the induction of SLE]
Department of Internal Medicine and Rheumatology, Juntendo University School of Medicine(Japan)¹, Department of Internal General Medicine, Juntendo University School of Medicine (Japan)², Kyoundo Hospital (Japan)³
Hitoshi Ogasawara¹, Guo Jiangtao¹, Chie Yamaguchi¹, Shin Onuma¹, Michihiro Ogasawara¹, Kazuo Kenpe², Yoshinari Kanai³, Ken Yamaji¹, Hiroshi Tsuda², Yoshinari Takasaki¹

Free Communication

17:30~18:30

[HUS/TTP and HCV Hepatitis]

Chair Person : Gail Rock (Canada)

Takashi Harada (Japan)

- FC-11 **[Systemic Platelet Thrombi in Thrombotic Microangiopathy After Hematopoietic Stem Cell Transplantation]**
 Dept. of Pathology and Laboratory Medicine, UCLA Medical Center, Los Angeles, California (USA)¹, Cedars-Sinai Medical Center, Los Angeles, California (USA)²
 Qun Lu^{1,2}, Michael Lill², Ellen Klapper², Dennis Goldfiner², Samuel H. Pepkowitz²
- FC-12 **[Plasma Exchange for Microangiopathic Hemolysis in Pregnant Patients]**
 Banco de Sangue de Sao Paulo (Brazil)
 Sandra S. Kayano, Fernando Ghilardi, Rivania A. Andrade, Ricardo Scutto, Rafael Colella
- FC-13 **[Fresh frozen plasma saving with cascade filtration apheresis fully automatized machine in thrombotic thrombocytopenic purpura and in hemolytic uremic syndrome.]**
 Nephrology Department, University Hospital, Nimes (France)
 Bernard R Branger, Sebastien Deleuze, Bachir A Zabadani, Pascal Reboul, Corina Tarangoy, Maria-Eugenia Noguera
- FC-14 **[Immunomodulatory Effects of Selective Leucocytapheresis as a New Adjunct to Interferon- α 2b plus Ribavirin Combination Therapy for high HCV viraemia patients]**
 Dept. of Gastroenterology, Fujimoto Hospital Medicine (Japan)
 Koji Sawada

March 3 2007 Room 6 303/304

Poster

15:30~16:30

[LDL Apheresis in Renal Disease]

Chair Person : Shuzo Kobayashi (Japan)

Masaki Kobayashi (Japan)

- PP-01 **[Efficacy of LDL apheresis for normo-LDL cholesterolemic hemodialysis patients with arteriosclerosis obliterans]**
Clear Yakeyama Clinic, Hiroshima (Japan)¹, Hakuai Hospital, Hiroshima (Japan)², Department of Advanced Nephrology, Graduate School of Biomedical Sciences, Hiroshima University, Hiroshima, (Japan)³
Kei Kiribayashi¹, Kyoko Maki², Satoshi Okumoto², Norihisa Takasugi², Nobuaki Shiraki³, Ayumu Nakashima³, Shunsuke Takahashi³, Takayuki Naito³, Takao Masaki³, Noriaki Yorioka³
- PP-02 **[Effects of LDL apheresis on arteriosclerosis obliterans in patients receiving regular hemodialysis.]**
Department of Internal Medicine, Teikyo University School of Medicine, Tokyo (Japan)
Kazushi Takahashi, Hiroki Ohno, Kenzo Kodaka, Goichi Takeda, Hideaki Nakajima, Kenichiro Kojima, Shunya Uchida
- PP-03 **[Effect of low-density lipoprotein aphaeresis on vascular responses to stimuli in hemodialysis patients with peripheral arterial disease]**
Department of Kidney and Dialysis, Social Insurance Chukyo Hospital, Nagoya (Japan)¹, Clinical Laboratory, Social Insurance Chukyo Hospital, Nagoya (Japan)², Department of Kidney and Dialysis, Tenri Yarodu Soudanjo Hospital, Tenri (Japan)³
Motoyoshi Sato¹, Takafumi Katayama², Yasuko Kano¹, Yoshio Ri¹, Katsunori Horie¹, Mikito Tsuyuki¹, Yoshimi Ohta², Akimi Ui², Noriko Noda², Izumi Amano³
- PP-04 **[Effect of LDL-apheresis therapy for massive proteinuria in patients with diabetic nephropathy.]**
Department of Nephrology, and Kidney & Dialysis Center, Shonan Kamakura General Hospital, Kanagawa (Japan)¹, Department of Kidney & Dialysis Center, Shin Matsudo Central General Hospital, Matsudo (Japan)²
Takayasu Ohtake¹, Ryota Ikee¹, Machiko Oka¹, Kyoko Maesato¹, Tsutomu Mano¹, Hidekazu Moriya¹, Shuzo Kobayashi¹, Tsukasa Nakamura²
- PP-05 **[The effect of LDL-apheresis in a patient with Fabry disease and on hemodialysis]**
Division of Nephrology and Rheumatology, Department of Internal Medicine, Fukuoka University School of Medicine, Fukuoka Japan (Japan)
Toshiaki Murata, Satoru Ogahara, Yasyhiro Abe, Hajime Hirano, Satoshi Etoh, Yoshito Miyahara, Hidetoshi Kaneoka, Takao Saito

[Blood Cell Collection]

Chair Person : John P. Miller (USA)

Takayoshi Asai (Japan)

- PP-06 [Real time counting of peripheral blood CD34 positive cells for efficient PBPC] Department of Transfusion Medicine and Cell Therapy, Keio University Hospital (Japan)¹, Division of Internal Medicine, Faculty of Medicine, Keio University (Japan)² Akaru Ishida¹, Tomoe Uemura¹, Hiroko Matsuhashi¹, Yasuhiro Igarashi¹, Kaoru Okuyama¹, Shin-ichiro Okamoto², Makoto Handa¹
- PP-07 [Autologous Peripheral Blood Stem Cell Collection in Pediatric Patients with Body Weight less than 25kg] Department of Laboratory Medicine, Seoul National University Hospital, Seoul (Republic of Korea)¹, Department of Pediatrics, Seoul National University Hospital, Seoul (Korea)² Ji-Weon Seo¹, Yang Hyun Kim¹, Hyun Sook Oh¹, Hee Young Shin², Hyo Seop Ahn², Kyou-Sup Han¹
- PP-08 [Isolation of monocytes from whole blood derived buffy coats with a new continuous counter-flow elutriation device] Institute for Transfusion Medicine, University Clinics Essen, Essen (Germany)¹, German Red Cross Transfusion Service West (Germany)² Rainer Moog¹, Uwe Schwanke²
- PP-09 [Single-needle plateletpheresis with the COM.TEC cell separator : reliability of separation performance] Institute for Transfusion Medicine, University Clinics Essen, Essen (Germany)¹, Fresenius-Kabi (Germany)² Rainer Moog¹, Rainer Kalb²
- PP-10 [Pre-harvest CD34+ cell count as a predictor of a successful collection of peripheral blood stem cells in pediatric patients] Department of Laboratory Medicine, Yonsei University College of Medicine, Seoul (Korea) Yangsoon Lee, Sang guk Lee, Hyoun Ok Kim

[Plateletapheresis and Others]

Chair Person : Takashi Shigematsu (Japan)
Hiroaki Ogata (Japan)

- PP-11 [Effects of warming methods on temperature, cardiac function, immunologic function, and discomforts in plateletpheresis donors] Catholic Institute of Cell therapy, University of Catholic, Seoul (Korea)¹, Department of hematology, University of Catholic, Seoul (Korea)², Department of Nursing, University of Catholic, Seoul (Korea)³ Hee-Jung Kim¹, Chong-Won Park², Nam-Cho Kim³
- PP-12 [The effects of platelet apheresis in total hip replacement surgery on platelet activation.] School of Medicine, Bushehr University of Medical sciences (Iran) Arash Mowla, Reza Akbari, Rasoul Ebrahimi

- PP-13 [A study of placental umbilical-cord whole blood transfusion with anemia and emaciation in the background of cancer]
Nepal Medical College and teaching Hospital, Kathmandu (Nepal)¹, Community health and Environmental Society nepal (Nepal)²
Shambhu D Joshi¹, Rajan P Bhandari², Shyam K BK¹
- PP-14 [Safety and efficacy of low cost modified plasmapheresis in a peripheral centre]
Department of Nephrology, Bollineni superspeciality Hospital, Nellore, Andhra Pradesh (India)
Visweswar reddy Pachipala, Sreekanth reddy Emani
- PP-15 [Successful small-scale extracorporeal photochemotherapy without need for cell-separator-devices in critically ill children with steroid-refractory graft-versus-host disease]
Institute for Clinical Immunology and Transfusion Medicine, University of Giessen (Germany)
Holger Hackstein, Joachim Misterek, Willi Woessmann, Gregor Bein

[TMA (HUS/TTP) and Others]

Chair Person : Eiji Kusano (Japan)

Hirokazu Honda (Japan)

- PP-16 [Clinical Characteristics of HUS/TTP Patients Over 10 Years in a Tertiary Care Hospital]
Department of Laboratory Medicine, Yonsei University College of Medicine, Seoul (Korea)¹, Department of Internal Medicine, Yonsei University College of Medicine, Seoul (Korea)²
Yangsoon Lee¹, Dong Ki Kim², Juwon Kim¹, Hyoun Ok Kim¹
- PP-17 [Plasmaexchange as treatment for TTP and Transplantation Associated Microangiopathy (TAM)]
Dpt. of Transfusion Medicine, Medicine University of Vienna (Austria)¹, First Department for Internal Medicine, Medicine University of (Austria)²
Paul Hoecker¹, Nina Worel¹, Andrea Wagner¹, Gerda Leitner¹, Peter Kalhs²
- PP-18 [A case of thrombotic thrombocytopenic purpura with pulmonary hemorrhage and renal failure rescued by plasma exchange treatment]
Kawanami Hospital Kidney center (Japan)¹, Division of Nephrology and Rheumatology, Department of Internal Medicine, Fukuoka University School of Medicine (Japan)²
Satoshi Etoh¹, Toshiaki Murata², Satoru Ogahara², Takao Saito²
- PP-19 [A case report of ticlopidine-associated thrombotic thrombocytopenic purpura : Time course change of ADAMTS 13 activity in plasma exchange.]
Department of Nephrology, Showa University Fujigaoka Hospital, Yokohama (Japan)¹, Department of Hematology, Showa University Fujigaoka Hospital, Yokohama (Japan)², Department of Blood Transfusion Medicine, Nara Medical University, Nara (Japan)³
Daisuke Komukai¹, Susumu Watanabe¹, Hironori Tayama¹, Takahiro Nakayama¹, Yutsuki Yamamoto¹, Ashio Yoshimura¹, Hiraku Mori², Masanori Matsumoto³, Yoshihiro Fujimura³

PP-20 [Lupus nephritis with antineutrophil cytoplasmic autoantibody specific for myeloperoxidase associated with autoimmune hemolytic anemia]
 Department of nephrology, Showa University School of Medicine, Tokyo (Japan)
 Yuki Hirai, Hirokazu Honda, Nozomu Hosaka, Eijin Ashikaga, Masanori Mukai,
 Aki Kuroki, Takanori Shibata, Kozo Kitazawa, Tadao Akizawa

PP-21 [Usefulness of Immunoabsorption Plasmapheresis using Selesob for Catastrophic antiphospholipid syndrome : Differences in plasma purification by subclass of antiphospholipid antibodies.]
 Cellular Transplantation Biology, Kanazawa University Graduate School of Medicine, Kanazawa (Japan)¹, Division of Blood Purification, Kanazawa University Hospital, Kanazawa (Japan)², Department of Nephrology, Kanazawa Medical University, Uchinada (Japan)³
 Masahide Yamazaki¹, Takashi Wada¹, Hitoshi Yokoyama³, Shinji Nakao¹

[SLE, ANCA related Glomerulonephritis]

Chair Person : Ashio Yoshimura (Japan)

Masafumi Fukagawa (Japan)

PP-22 [Plasma Exchange (PE) for systemic nephritis (SLE) patients with Severe Cardiac Manifestation- A Case Report.]
 Department of Internal Medicine, Showa University Northern Yokohama Hospital (Japan)
 Ai Nakazawa, Hidetoshi Ito, Hiroaki Ogata, Shuji Kikushima, Eriko Kinugasa

PP-23 [Treatment against Acute Lupus Nephrotic Syndrome-Synchronized intensive combination therapy-]
 Oura's Lupus Clinic, Naha, Okinawa (Japan)¹, Division of Rheumatology, Department of Internal Medicine, Kanazawa University Graduate School of Medicine (Japan)²
 Takashi Oura¹, Maki Hirakawa¹, Masaki Akamine¹, Akiko Iwasaka¹,
 Kazunori Uehara¹, Motohiko Aizu², Hiroshi Fujii², Kazunori Yamada²,
 Mituhiro Kawano²

PP-24 [Research to Immunoabsorption Combine the High Dosage of Immunosuppressor in Systemic Lupus Erythematosus in China]
 Department of Rheumatology & Immunology, Beijing Hospital Ministry of Health, Beijing (China)
 HUANG cibo, XU hua, LAI bei, CHEN yingquan, CHENG yongjing, MA juan

PP-25 [WHICH APHERETIC MODALITY FOR SEVERE LUPUS NEPHRITIS ?]
 Nephrology/SLE Unit, HUKM, Kuala Lumpur (Malaysia)
 Kong NCT, Loo CY, Shahrir M, Chua MK, Suriani A, Halim AG, Rozita M,
 Soehardy Z, Rizal T

PP-26 [A case of MPO-ANCA positive rapidly progressive glomerulonephritis treated with plasma exchange and steroid pulse therapy]
 Department of Laboratory Medicine, Kyungpook National University Hospital, Daegu (Korea)¹, Department of Nephrology, Kyungpook National University Hospital, Daegu (Korea)²
 Yun Soo Lee¹, Jung Ran Park¹, Kyu Sub Song¹, Yong Lim Kim², Jang Soo Suh¹

- PP-27 **「Three cases of complicated renal disease treated by apheresis」**
The Department of Kidney & Dialysis, Tenri Hospital, Nara (Japan)
Noriko Okumura, Hirotsada Ema, Izumi Amano

March3 2007 Room7

ALLIED HEALTH EDUCATION SYMPOSIUM

13:30~17:30

「Optimizing Outcomes in Apheresis : Paying Attention to the Details」

Chair Person : Chrissy Anderson (USA)
Christine Fernandez (USA)

- AL-1 **「Hypocalcemic Toxicity and Atypical Reactions in Therapeutic Plasma Exchange」**
Robert Weinstein (USA)
- AL-2 **「Vascular Access Options in Therapeutic Apheresis」**
Chrissy Anderson (USA)
- AL-3 **「Considerations for Pediatric Apheresis」**
Christine Fernandez-Roig (USA)
- AL-4 **「Overview of Photopheresis」**
Sergio Torloni (USA)
- AL-5 **「Management of Multiple Component Apheresis Donors」**
Wanda Koetz (USA)

March 4 2007 Room 1 Small Auditorium

Congress Lecture 3

9:00~10:00

[HIV-associated thrombotic microangiopathies with ADAMTS13 deficiency may be associated with a lower prevalence of AIDS-related complications and a better outcome.]

Chair Person : Annette Bussel (France)

Paul Coppo, Sandra Malak, Martine Wolf, Eric Mariotte, Agnes Veyradier,
Jean-Michel Korach, Sandrine Malot, Annette Bussel, Gael Millot, Eric Rondeau
(France)

Workshop 5

10:05~12:05

[Clinical Effects of Apheresis in Renal Diseases]

Chair Person : Takashi Akiba (Japan)

Noriaki Yorioka (Japan)

- IW-5-1 [Evaluation of the efficacy of apheresis therapy in renal diseases : impact of mono-therapy, time- and mode-dependency, and prognostic markers]
Yasuhiro Ando, Tetsu Akimoto, Takahiro Masuda, Eriko Ishii, Osamu Saito,
Eiji Kusano (Japan)
- IW-5-2 [Lupus nephritis and apheresis]
Keiko Uchida, Keiko Suzuki, Masae Iwamoto, Wako Yumura, Takashi Akiba,
Kosaku Nitta (Japan)
- IW-5-3 [Apheresis for ANCA associated vasculitis ; present status and perspectives]
K Yamagata, M Hagiwara, S Kaneko, M Watanabe, J Usui, Y Shimizu, A Hirayama,
C Tomida, K Yoh, K Hirayama, A Koyama (Japan)
- IW-5-4 [Application of lymphocytapheresis for nephrotic syndrome]
Hitoshi Yokoyama, Takashi Wada (Japan)

Workshop 7

14:00~16:00

[Peripheral Mononuclear Cell Implantation and Regenerative Medicine]

Chair Person : Motoki Yonekawa (Japan)

Christoph Kalka (Switzerland)

- IW-7-1 [Endothelial Progenitor Cells for Vascular Medicine]
Takayuki Asahara (Japan)
- IW-7-2 [Endothelial Stem and Progenitor Cells : Optimized strategies to regenerate ischemic tissues]
Christoph Kalka (Switzerland)
- IW-7-3 [Bone marrow cell culture supplemented with high concentration of pyruvic acid may be beneficial to therapeutic neovascularization]
Hitoshi Kanno, Taiju Utsugisawa, Toshihisa Tsuruta, Hiromi Ogura, Hisaichi Fujii
(Japan)

- IW-7-4 [Cardiac Resurrection by Mononuclear Cell Transplantation in End-stage Heart Failure]
Satoshi Gojo, Shunei Kyo (Japan)
- IW-7-5 [Stem cell therapy in vascular disease : Angiogenesis induced by autologous whole bone marrow stem cell implantation for chronic limb ischemia]
Dong-Ik Kim (Korea)
- IW-7-6 [Therapeutic Neovascularization by the Implantation of Peripheral Blood Mononuclear Cells for Ischemic Limbs.]
Naomi Shimizu, Tohru Iseki, Kaoru Tateno, Tohru Minamino, Issei Komuro, Chiaki Nakaseko (Japan)
- IW-7-7 [Therapeutic angiogenesis using peripheral blood stem cell]
Takashi Horie, Masahiro Yamada, Yoshihiro Abe, Hirotochi Egawa, Ichiro Tsuda, Junichi Iida, Hiromi Sakata, Kazuhiko Onodera, Tohru Tamaki, Kazutaka Kukita, Jun-ichi Meguro, Motoki Yonekawa, Akio Kawamura (Japan)

March 4 2007 Room 2 501/502

Congress Lecture 4

9:00~10:00

[Therapeutic Apheresis - Strategies and Outcomes]

Chair Person : Thomas Price (USA)

DD Kiprof, JC Hofmann (USA)

Symposium 6

10:05~12:05

[Unrelated Allogenic Peripheral Blood Progenitor Cell Transplantation]

Chair Person : Hideki Akiyama (Japan)

Shinichiro Okamoto (Japan)

- IS-6-1 [Comparison of allogeneic peripheral blood stem cell transplantation (allo-PBSCT) with allogeneic bone marrow transplantation (allo-BMT) in the treatment of adult leukemia patients : Retrospective analysis of JSHCT registry data]
Mine Harada, Koji Nagafuji, Keitaro Matsuo (Japan)
- IS-6-2 [The acute and late adverse events after allogeneic peripheral blood stem cell mobilization and collection from related donors]
Yoshihisa Koderu (Japan)
- IS-6-3 [Peripheral Blood Stem Cell Transplantation from Unrelated Donors : A Single Center Experience]
Jong-Wook Lee, Seok Lee, Woo-Sung Min, Chun-Choo Kim (Korea)
- IS-6-4 [Unrelated PBSC Donation : The NMDP Experience]
John P. Miller (USA)

※Cosponsored by : Gambro BCT, KIRIN BREWERY COMPANY, LIMITED

Luncheon Seminar C

12:15~13:15

[Hemofiltration as a blood purification technique : does it work in clinic ?]

Chair Person : Izumi Amano (Japan)

Didier Payen (France)

※Cosponsored by : Toray Industries, Inc./Toray Medical Co., Ltd.

Symposium 8

14:00~16:00

[Paradigm Shift for the Treatment of TMA]

Chair Person : Yasunori Ueda (Japan)

Yoshihiro Fujimura (Japan)

- IS-8-1 [The ADAMTS13 analysis on thrombotic microangiopathies in Japan]
Masanori Matsumoto, Yoshihiro Fujimura (Japan)
- IS-8-2 [Clinical and laboratory features of thrombotic microangiopathy secondary to connective tissue diseases]
Shigeko Inokuma, Tomomi Matsuyama (Japan)
- IS-8-3 [Increased plasma VWF antigen and decreased ADAMTS13 activity in patients with liver cirrhosis : relationship to degree of liver disturbance]
Masahito Uemura (Japan)
- IS-8-4 [The Oklahoma Thrombotic Thrombocytopenic Purpura-Hemolytic Uremic Syndrome Registry, 1989-2006]
James N. George (USA)

※Cosponsored by : CHUGAI PHARMACEUTICAL CO., LTD, ZENYAKU KOGYO CO., LTD

March 4 2007 Room 3 301

Free Communication

9:00~10:00

[Sepsis]

Chair Person : Ulrich Baurmeister (Germany)

Hidetoshi Shiga (Japan)

- FC-15 [Efficacy of PMX-DHP in patients with septic shock by perforation of the lower digestive tract]
Department of Surgery, Sapporo Hokuyu Hospital (Japan)
Kazutaka Kukita, Hiromi Sakata, Motoki Yonekawa, Akio Kawamura
- FC-16 [Effective Removal of Multiple Cytokines in SIRS / Sepsis Using Polymixin B-Immobilized Fibers : A Support for the Peak Concentration Hypothesis]
Department of Medicine, the Japan Self Defense Forces Central Hospital, Tokyo (Japan)¹, National Defense Medical College Research Institute, Namiki, Tokorozawa (Japan)²
Jun Shimizu¹, Manabu Kinoshita², Masayuki Ishihara², Eiichi Shimizu¹, Akihito Inatsu¹, Satoshi Ohshima¹, Takao Kubota¹

- FC-17 [Selective extracorporeal immunoadsorption of endotoxin, interleukin-6, and complement-activating product 5a : a new therapeutic avenue for the treatment of septic patients ?]
Department of Nephrology and Intensive Care Medicine, Charite University Medicine Berlin, Berlin (Germany)¹, Department of Medical Immunology, University Medicine Berlin, Charite Campus Mitte, Berlin (Germany)², Adexter GmbH, Rostock (Germany)³
Joerg C. Schefold¹, Malte Corsepius¹, Cosima Pohle¹, Peter Kruschke³, Hans-Dieter Volk², Petra Reinke¹
- FC-18 [The Low mortality rate of severe sepsis and septic shock patients using sequential Plasma Dia-Filtration]
Critical And Intensive Care Medicine, Shiga University of Medical Science, Shiga (Japan)
Yutaka Eguchi

Workshop 6

10:05~12:05

[Cytokine Modulation with Apheresis in the Management of Severe Sepsis and Septic Shock ; Is it Clinically Relevant ?]

Chair Person : Hiroyuki Hirasawa (Japan)
Steven M. Opal (USA)

- IW-6-1 [Cytokine removal by apheresis as a treatment for severe sepsis and septic shock]
Steven M. Opal (USA)
- IW-6-2 [CYTOKINE MODIFICATION WITH BLOOD PURIFICATION-OVERVIEW :]
Andre A. Kaplan (USA)
- IW-6-3 [Efficacy of cytokine modulation with PMMA-CHDF in the management of severe sepsis and septic shock]
Shigeto Oda, Hiroyuki Hirasawa, Kenichi Matsuda, Tomohito Sadahiro, Masataka Nakamura (Japan)
- IW-6-4 [Efficacy of continuous hemodiafiltration with a hemofilter made of polymethylmethacrylate membrane in the treatment of septic shock patients with acute renal failure]
Kenichi Matsuda, Masahiro Takusagawa, Takeshi Moriguchi (Japan)
- IW-6-5 [A randomized, controlled trial of direct hemoperfusion adsorption column in sepsis]
Yasushi Suzuki, Nobuhiro Sato, Masahiro Kojika, Gaku Takahashi, Masaaki Ogawa, Shigehiro Shibata, Shigeatsu Endo (Japan)
- IW-6-6 [Experience of PMX-DHP (direct hemoperfusion with polymyxin B immobilized fiber) in Sapporo Medical University]
Yasufumi Asai, Hitoshi Imaizumi, Shou Ooe, Yoshiki Masuda (Japan)

Luncheon Seminar D

12:15~13:15

[State of the Art, Cytapheresis for Ulcerative Colitis]

Chair Person : Yukihiro Nosé (USA)

Koji Sawada (Japan)

Cosponsored by : Torii Pharmaceutical Co., Ltd.

Symposium 9

14:00~16:00

[Therapeutic Apheresis for Sepsis and Critical Care]

Chair Person : Yoshihiro Endo (Japan)

Didier Payen (France)

- IS-9-1 [New therapeutic approach for sepsis with HMGB1 absorber]
Hideo Iwasaka (Japan)
- IS-9-2 [Effects of a novel adsorbent, CTR, on mortality and inflammatory responses to endotoxin-induced shock]
Takumi Taniguchi, Hideo Inaba (Japan)
- IS-9-3 [Therapeutic Apheresis for Sepsis and Critical Care]
Bernd Stegmayr (Sweden)
- IS-9-4 [Direct-hemoperfusion with polymyxinB immobilized fiber improves hemodynamic dysfunction and reduces plasma inflammatory mediators in septic patients subsequent to colorectal perforation]
Tomoharu Shimizu, Yoshihiro Endo, Kazuyoshi Hanasawa, Hajime Abe, Yoshitaka Uji, Toyokazu Yoshioka, Takahisa Tabata, Yutaka Eguchi, Koichi Sato, Masahiko Umeki, Nobuhiko Koga, Tatsushi Naganuma, Seiji Sato, Naoto Matsuno, Toshiaki Ikeda, Yoshimasa Otani, Satoshi Ono, Hidetaka Mochizuki, Hitoshi Saitoh, Tohru Tani (Japan)
- IS-9-5
Didier Payen (France)

March 4 2007 Room 4 302

Free Communication

9:00~10:00

[Familial Hypercholesterolemia]

Chair Person : Peter Shuff-Werner (Germany)

Toshiya Okahisa (USA)

- FC-19 [Low-density lipoprotein apheresis on coronary heart disease in familial hypercholesterolemia ; a five year follow up in southern Iran]
School of Medicine, Shiraz University of Medical sciences (Iran)¹, Yazd university of Medical sciences, Yazd (Iran)², Shahed University, Tehran (Iran)³
Ashkan Mowla¹, Amir Bahrami², Reza Gharebaghi³

- FC-20 **「LDL-apheresis in children with familial hypercholesterolemia」**
Department of Pediatrics, CHU, Clermont-Ferrand (France)¹, EFS, Hopital La Pitie-Salpetriere, Paris (France)², EFS, Hopital de la Conception, Marseille (France)³, EFS, Hopital Edouard Herriot, Lyon (France)⁴, Medecine Interne, Hopital de Hautepierre, Strasbourg (France)⁵, Nephrologie, Hopital de Colmar, Colmar (France)⁶, Pediatrie, American Memorial Hospital, Reims (France)⁷, Pediatrie, Hopital des Enfants, Toulouse (France)⁸
Jean-Bernard Palcoux¹, Marielle Atassi-Dumont², Patrice Lefevre³, Olivier Hequet⁴, Jean-Louis Schlienger⁵, Pierre Brignon⁶, Bernard Roussel⁷, Christine Azema⁸
- FC-21 **「Skin perfusion pressure can be recovered by LDL-apheresis in familial hypercholesterolemia」**
Department of Atherosclerosis and Diabetes, National Cardiovascular Center (Japan)¹, Department of Hypertension and Nephrology, National Cardiovascular Center (Japan)², Department of Bioscience, National Cardiovascular Center Research Institute (Japan)³
Takako Sugisawa¹, Hisashi Makino¹, Ayako Nagumo¹, Hajime Nakahama², Yasunao Yoshimasa¹, Mariko Harada-Shiba³
- FC-22 **「Analysis of changes of lipoprotein profile during and after LDL-apheresis」**
Department of Atherosclerosis and Diabetes, National Cardiovascular Center, Osaka (Japan)¹, Department of Hypertension and Nephrology, National Cardiovascular Center, Osaka (Japan)², Department of Bioscience, National Cardiovascular Center Research Institute, Osaka (Japan)³
Ayako Nagumo¹, Hisashi Makino¹, Takako Sugisawa¹, Yasunao Yoshimasa¹, Hajime Nakahama², Mariko Harada-Shiba³

Free Communication

10:00~10:30

「Cardiomyopathy」

Chair Person : Akio Kawamura (Japan)

- FC-23 **「PRESSURE AND TEMPERATURE CONTROLLED APHERESIS THERAPY SYSTEM FOR THE THERAPY OF DILATED CARDIOMYOPATHY」**
Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, Texas, United States (USA)¹, Departments of Pathology, Pediatrics, and Medicine, Baylor College of Medicine, Houston, Texas, United States (USA)², Departments of Cardiology, Methodist Hospital, Houston, Texas, United States (USA)³
Toshiya Okahisa¹, Yoichi Sugita¹, Chung Won¹, Yuji Suda¹, Tadashi Motomura¹, Steve Igo¹, Julia Glueck¹, Jun Teruya², Guillermo Torre-Amione³, Yukihiro Nose¹
- FC-24 **「Cardiodepressant autoantibodies in patients with dilated cardiomyopathy.」**
Department of Cardiology, Kitasato Institute Hospital, Tokyo (Japan)
Akiyasu Baba

Congress Lecture 5

10:30~11:15

[Principles and Clinical Applications of Selective Immune Apheresis Technologies]

Chair Person : Sergei N. Pokrovsky (Russia)

Wolfgang Ramlow (Germany)

Congress Lecture 6

11:15~12:00

[Therapeutic apheresis technologies for the treatment of CVD diseases]

Chair Person : Paul S. Malchesky (Russia)

Sergei N. Pokrovsky (Russia)

Luncheon Seminar E

12:15~13:15

[TTI (transfusion-transmitted infection) in Korea]

Chair Person : Kouki Takahashi (Japan)

Dong Hee Seo (Korea)

Cosponsored by : Fuso Pharmaceutical Industries, Ltd.

Workshop 8

14:00~16:00

[Mechanism and Future View of Leukocytapheresis in the Gastroenterology Field]

Chair Person : Koji Sawada (Japan)

Jörg Emmrich (Germany)

- IW-8-1 **[Granulocyte/Monocyte Apheresis induces peripheral Heat Shock Protein secretion]**
Katsuyuki Tozawa, Ken Fukunaga, Yoko Yokoyama, Kouji Kamikozuru,
Kazuko Nagase, Yoshihiro Fukuda, Takayuki Matsumoto (Japan)
- IW-8-2 **[Trans-operative changes of the expressions of regulatory and pro-inflammatory T-cells in ulcerative colitis patient refractory to Granulocyte/Monocyte apheresis]**
Yoko Yokoyama, Ken Fukunaga, Katsuyuki Tozawa, Kouji Kamikozuru,
Kazuko Nagase, Takayuki Matsumoto (Japan)
- IW-8-3 **[Granulocyte and Monocyte Adsorptive Apheresis in Patients with Active Ulcerative Colitis : Clinical efficacy and Analysis of Toll Like Receptor 2.]**
Akihiro Yamada, Yasuo Suzuki, Aisaku Osamura, Kentaro Nakamura,
Yasushi Yoshimatsu, Hiroshi Aoki, Yukiko Tsuda, Masaki Irie, Katsuyuki Hukuda,
Nobuo Hosoe, Nobuo Takada, Koji Shirai (Japan)

- IW-8-4 [Granulocyte and Monocyte Adsorption Apheresis Therapy Modulates Monocyte derived Dendritic cell Function in Patients With Ulcerative Colitis]
Atsushi Sakuraba, Yuko Iwakami, Toshifumi Hibi (Japan)
- IW-8-5 [Opposite modification in expressions of CD4+ T-cells during LCA and GMA for active ulcerative colitis patient : As a possible predictor]
Ken Fukunaga, Koji Kamikozuru, Yoko Yokoyama, Katsuyuki Tozawa, Kunio Ohnishi, Nobuyuki Hida, Yoshio Ohda, Takeshi Kusaka, Kazuko Nagase, Takayuki Matsumoto (Japan)
- IW-8-6 [Microarray Analysis for Leukocyteapheresis-Induced Changes in Gene Expression Patterns of Peripheral Blood Mononuclear Cells in Patients with Ulcerative Colitis]
Atsuhiko Ogawa, Akira Andoh, Tomoyuki Tsujikawa, Yuhki Yagi, Masaya Sasaki, Yoshihide Fujiyama (Japan)

March 4 2007 Room 6 303/304

Poster

13:15~13:55

[Neurological Disease (1)]

Chair Person : Tomoharu Shimizu (Japan)

Ryoichi Ando (Japan)

- PP-28 [Two cases of Crow-Fukase syndrome treated with therapeutic plasmapheresis]
Division of Neurology, Tokyo Women's Medical University Yachiyo Medical Center, Chiba (Japan)¹, Department of Neurology, Tokyo Women's Medical University, Tokyo (Japan)², Faculty of Science, Tokyo University of Science, Tokyo (Japan)³
Takashi Ohashi¹, Megumi Takeuchi², Kohei Ota³, Miki Suzuki², Yuko Shimizu², Kuniko Ohara², Chisen Takeuchi², Makoto Iwata²
- PP-29 [The Effect of therapeutic apheresis in patient with Crow-Fukase (POEMS) syndrome]
Division of Nephrology and Rheumatology, Department of Internal Medicine, Fukuoka University School of Medicine, Fukuoka (Japan)
Toshiaki Murata, Satoru Ogahara, Yasyhiro Abe, Hajime Hirano, Satoshi Etoh, Yoshito Miyahara, Hidetoshi Kaneoka, Takao Saito
- PP-30 [Plasma exchange effectively controls Crow-Fukase syndrome ; report of a case.]
Division of Nephrology and Dialysis, Kitano Hospital, Osaka (Japan)¹, Division of Neurology, Kitano Hospital, Osaka (Japan)²
Tatsuo Tsukamoto¹, Yuh Tateishi¹, Toshiyuki Komiya¹, Fumiko Fukuuchi¹, Sadayuki Matsumoto², Eri Muso¹
- PP-31 [Double filtration plasmapheresis (DFPP) in an acute episode of multiple sclerosis (MS)]
Department of Internal and Public Medicine, University of Bari, Bari (Italy)¹, Department of Neurological and Psychiatric Sciences (Italy)²
Alfonso Ramunni¹, Francesca De Robertis², Paola Brescia¹, Maria Teresa Saliani¹, Maria Pia Prontera², Maria Trojano², Pasquale Coratelli¹

[Neurological Disease (2) and Optic Disease]

Chair Person : Susumu Uda (Japan)

- PP-32 **[Clearance of MuSK antibody during Serial Sessions of Double-Filtration Plasmapheresis for patients with myasthenia gravis]**
 Department of Neurology, Shin Kong Wu Ho-Su Memorial Hospital (Taiwan)
 Jiann-Horng Yeh, Mei-Fen Li, Wei-Hung Chen, Hou-Chang Chiu
- PP-33 **[A case of acute disseminated encephalomyelitis treated with plasmapheresis]**
 Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Chiba University, (Japan)¹, Department of Neurology, Graduate School of Medicine, Chiba University, (Japan)²
 Koichiro Shinozaki¹, Shigeto Oda¹, Tomohito Sadahiro¹, Masataka Nakamura¹, Ryuzo Abe¹, Daisuke Setoguchi¹, Takehito Yokoi¹, Shigeki Hirano², Takamichi Hattori², Hiroyuki Hirasawa¹
- PP-34 **[ERYTHRO-APHERESIS FOR THE TREATMENT OF CENTRAL RETINAL VEIN OCCLUSION : PRELIMINARY RESULTS OF A PROSPECTIVE MULTICENTRIC RANDOMISED TRIAL.]**
 Centre Clinique d' Hemobiotherapie, Hopital Pitie-Salpetriere, Paris (France)¹, Service Ophthalmologie, Centre Hospitalier Intercommunal, Creteil (France)², Service Ophthalmologie, Hopital Pitie-Salpetriere (France)³
 M-E. ATASSI-DUMONT¹, A. GLACET-BERNARD², H. ZRIBI¹, C. FARDEAU³
- PP-35 **[Double-filtration plasmapheresis in the treatment of age-related macular degeneration]**
 Department of Neurology, Shin Kong Wu Ho-Su Memorial Hospital, Taipei (Taiwan)¹, Department of Ophthalmology, Shin Kong Wu Ho-Su Memorial Hospital, Taipei (Taiwan)²
 Mei-Fen Li¹, Jiann-Horng Yeh¹, Hou-Chang Chiu¹, Cheng-Kuo Cheng²

[RA and Others]

Chair Person : Michihiro Ogasawara (Japan)

- PP-36 **[Successful treatment with plasma exchange for hemophagocytic syndrome associated with severe juvenile idiopathic arthritis in an infant girl.]**
 Department of Pediatrics, Osaka Medical College, Osaka (Japan)¹, Blood Purification Center, Osaka Medical College (Japan)²
 Hyogo Nakakura¹, Akira Ashida¹, Hideki Matsumura¹, Takuji Murata¹, Nobuhisa Shibahara², Toru Inoue², Hiroshi Tamai¹
- PP-37 **[Leukocytapheresis for the treatment of an elderly onset rheumatoid arthritis(RA) patient]**
 Division of Rheumatology, Chiba Social Insurance Hospital, Chiba (Japan)¹, Department of Reumatology and Internal Medicine, Juntendo University School of Medicine, Tokyo (Japan)²
 Yukihiro Matsuda^{1,2}, Yoshinori Kanai², Yoshinari Takasaki²

- PP-38 [Efficacy of polymyxin B-immobilized fiber column (PMX) hemoperfusion treatment on acute exacerbation of interstitial lung diseases]
Second Department of Internal Medicine, Nagasaki University School of Medicine (Japan)¹, Yahata municipal general hospital (Japan)², Senjyu hospital (Japan)³, Department of blood purification, Nagasaki University Hospital (Japan)⁴
Hiroshi Ishimoto¹, Hiroshi Mukae¹, Tomoyuki Kakugawa², Osamu Sasaki³, Takashi Harada⁴, Shigeru Kohno¹
- PP-39 [Three Cases of Pulmonary-Renal Syndrome in Our Hospital]
Department of Surgery, Shiga University of Medical Science, Shiga (Japan)¹, Nishi-Kyoto Hospital, Kyoto (Japan)²
Yoshitaka Uji¹, Yoshihiro Endo¹, Toyokazu Yoshioka², Hiroya Akabori¹, Hiroshi Tsuchihashi¹, Tomoharu Shimizu¹, Hiroshi Yamamoto¹, Tohru Tani¹

[Dermatology and FH]

Chair Person : Hiromichi Yamada (Japan)
Takuro Kanekura (Japan)

- PP-40 [EXTRACORPOREAL PHOTOPHERESIS(ECP), A PROMISING TREATMENT FOR NEPHROGENIC FIBROSING DERMOPATHY (NFD)]
University of Arkansas for Medical Sciences, Little Rock, AR (USA)
Cynthia Knox, Gina_A. Pesek, Lisa Tyler, John Theus, May Nakagawa, Donna Pellowski, S. Swaminathan, Michele Cottler-Fox
- PP-41 [Thiophene ligand exhibits a high affinity for the pathogenic autoantibodies of pemphigus in vitro.]
Department of Dermatology International Good Will Hospital, Yokohama (Japan)¹, Blood Purification Division, Asahi Kasei Medical Co., Ltd. (Japan)², Department of Dermatology, Juntendo University Urayasu Hospital (Japan)³
Hiromichi Yamada¹, Akira Itoh², Yoshihiro Hatanaka², Misuzu Tsukiji², Kenji Takamori³
- PP-42 [LDL apheresis treatment in a FH patient with severe diabetic scleredema]
Kidney Center, Koga Hospital 21, Fukuoka (Japan)¹, Department of Clinical Engineering, Koga Hospital 21 (Japan)², Koga Hospital 21 (Japan)³
Ai Kobayashi¹, Kennichi Fukunari¹, Kazuko Nakazono², Hitomi Iwamoto², Nobuhiko Koga³
- PP-43 [Low density lipoproteins selections aphereses with DALI for child]
Therapeutic Apheresis Unit, Vilnius University Hospital Santariskiu clinics, Vilnius (Lithuania)
Antanas Griskevicius, Judita Audzijoniene

[Biological Reaction]

Chair Person : Hitoshi Kato (Japan)
Kimihiko Takayama (Japan)

- PP-44 [Clinical and pharmacological effects of performing blood purification in the treatment of acute chemical poisoning]
Department of Nephrology, Sapporo Tokushukai Hospital, Sapporo (Japan)
Takashi Yokoyama, Yasuhiro Onodera

- PP-45 **「Involvement of complement activation in biological responses to leukocyte adsorptive apheresis」**
 Department of Gastroenterology, Yamagata University School of Medicine, Yamagata (Japan)¹, JIMRO Co., Ltd. (Japan)²
 Shoichi Nishise¹, Yuji Takeda², Hiroaki Takeda¹, Tadahisa Fukui¹, Sumio Kawata¹
- PP-46 **「Proliferation ability of lymphocytes passed through leukocyte removal filter」**
 Department of Medical Engineering and Technology, School of Allied Health Sciences, Kitasato University, Kanagawa (Japan)
 Hiroshi Tsukao, Kenichi Kokubo, Toshihiro Shinbo, Minoru Hirose, Hirosuke Kobayashi
- PP-47 **「Influence of plasma exchange therapy for neuroimmunological diseases on hemodynamics」**
 Department of Digestive and Cardiovascular Medicine, Institute of Health Biosciences, University of Tokushima Graduate School, Tokushima (Japan)¹, Department of Neurology, Institute of Health Biosciences, University of Tokushima Graduate School, Tokushima (Japan)², Department of Electrical and Electronic Engineering, Faculty of Engineering, University of Tokushima, Tokushima (Japan)³, Department of Intensive and Critical Care Medicine, Institute of Health Biosciences, University of Tokushima Graduate School, Tokushima (Japan)⁴
 Hiroshi Miyamoto¹, Susumu Ito¹, Syunya Nakane², Ryuji Kaji², Yuichi Kamura³, Yoshinori Nitta³, Masatake Akutagawa³, Yohsuke Kinouchi³, Yoshiaki Ohnishi⁴, Jun Oto⁴, Masaji Nishimura⁴
- PP-48 **「Alteration in plasma macrophage migration inhibitory factor in patients with septic shock due to peritonitis during direct-hemoperfusion with Toraymyxin」**
 Department of Surgery, Shiga University of Medical Science, Shiga (Japan)
 Tomoharu Shimizu, Hiroshi Tsuchihashi, Yoshihiro Endo, Hiroshi Yamamoto, Hajime Abe, Yoshimasa Kurumi, Satoshi Murata, Hiroya Akabori, Yoshitaka Uji, Tohru Tani

「Sepsis/MOF」

Chair Person : Yoshiaki Takemoto (Japan)
 Junichiro Kazama (Japan)

- PP-49 **「Plasmapheresis in severe sepsis and septic shock : a prospective, randomised, controlled trial in southern Iran」**
 Medical Faculty, Payam-nour university (Iran)
 Azadeh Pani, Habib Kavari, Reza Fakori
- PP-50 **「combination of Plasmapheresis and continuous venovenous hemofiltration Postsurgical patients with sepsis ; Southern Iran experience」**
 School of Medicine, Shiraz University of Medical sciences (Iran)¹, Yazd university of Medical sciences, Yazd (Iran)², Shahed University, Tehran (Iran)³
 Ashkan Mowla¹, Amir Bahrami², Reza Gharebaghi³

- PP-51 **「Combined treatment of continuous hemodiafiltration (CHDF) with steroid pulse therapy on neonatal onset multisystemic inflammatory Disease (NOMID)」**
Department of Pediatrics¹, Tokyo Medical University, Tokyo (Japan)¹, Department of Anesthesia, Tokyo Medical University, Tokyo (Japan)²
Shigeo Nishimata^{1,2}, Hisashi Kawashima¹, Hiroaki Ioi¹, Yasuyo Kashiwagi¹, Kiyoko Watanabe¹, Kouji Takekuma¹, Akinori Hoshika¹, Takurou Ozawa²
- PP-52 **「A case of severe exertional heat stroke complicated with multipleorgan failure treated with blood purification including plasma exchange」**
Division of Nephrology and Blood Purification Medicine (Japan)¹, Department of Critical Care Medicine (Japan)²
Kouichi Tatsuta¹, Shigeo Negi¹, Tadashi Okada¹, Maki Ooura¹, Minoru Oda¹, Kazuhiro Shiizaki¹, Toshifumi Sakaguchi¹, Takashi Shigematsu¹, Toshio Naka², Masahiro Shinozaki²
- PP-53 **「Multi-modality Combination Therapies including Apheresis for Severe Acute Pancreatitis –5- Year, Single-Institute Experience-」**
Akita City Hospital, Department of Surgery (Japan)¹, Akita City Hospital, Department of Emergency Medicine (Japan)², Akita City Hospital, Department of Urology (Japan)³
Tomoki Furuya¹, Keiji Enzan², Kenichi Takahashi¹, Masashi Kato¹, Suguru Hasegawa¹, Naoki Wajima¹, Takahiro Hashizume¹, Seiji Itoh¹, Takehiko Soeno¹, Shigeki Matsuo³

「Fulminant Hepatitis/Hepatic Failure (1)」

Chair Person : Shigeru Kanosawa (Japan)

- PP-54 **「Efficacy of plasma apheresis for fulminant hepatitis」**
The First Department of Internal Medicine, Iwate Medical University, Morioka (Japan)
Ryujin Endo, Keisuke Kakisaka, Yuki Yasumi, Kojiro Kataoka, Yuki Watanabe, Akihiro Sato, Yasuhiro Takikawa, Kazuyuki Suzuki
- PP-55 **「Efficacy of artificial liver support with high flow dialysate continuous hemodiafiltration (HFCHDF) for the patients with fulminant hepatic failure」**
Department of Emergency and Critical Care Medicine Graduate School of Medicine, Chiba University (Japan)
Takehito Yokoi, Shigeto Oda, Tomohito Sadahiro, Masataka Nakamura, Ryuzo Abe, Daisuke Setoguchi, Koichiro Shinozaki, Hiroyuki Hirasawa
- PP-56 **「Clinical study of plasma exchange combined with continuous hemodiafiltration on treating patients with severe hepatitis」**
The Third Affiliated Hospital, SUN Yat-sen University, Guangzhou, (China)
CHEN You-ming, LUO Rui-hong, DENG Hong, LI Jian-guo, Jiang Yuan-sen, GAOZhi-liang

- PP-57 **「The Different Effects of Plasma From Patients With Acute on Chronic Liver Failure on the Proliferation and Biotransformation Function of C3A Cells」**
Artificial Liver Treatment and Training Center, Beijing You'an Hospital, Capital Medical University, Beijing (China)¹, Vital Therapies, Inc. San Diego, CA (USA)², Center for Liver diseases, Beijing Friendship Hospital, Capital Medical University, Beijing (China)³
Zhong-ping Duan¹, Yu Chen¹, Li-li Zhao¹, Dar He², Hong You³, Xiu-ying Zhao¹, Shu-zhen Tang³, Da-kang Han¹, Yi-rong Liu¹

「Fulminant Hepatitis/Hepatic Failure (2)」

Chair Person : Yutaka Eguchi (Japan)

- PP-58 **「A Case of pediatric fulminant hepatitis treated with plasma diafiltration」**
Department of Integrated Medicine, Division of Emergency and Critical Care Medicine, Akita University School of Medicine, Akita (Japan)¹, School of Health Sciences, Akita University School of Medicine (Japan)², Department of Reproductive and Developmental Medicine, Division of Pediatrics, Akita University School of Medicine (Japan)³
Hajime Nakae¹, Yoshihiro Asanuma², Atsuko Noguchi³, Ikuko Takahashi³, Satoko Tsuchida³, Tsutomu Takahashi³, Toshiko Igarashi¹, Kimitaka Tajimi¹
- PP-59 **「A plasma exchange-based plasma recycling dialysis system as an artificial liver support」**
Department of Surgery, Hirosaki University School of Medicine, Hirosaki (Japan)
Kentaro Takahashi, Yutaka Umehara, Minoru Umehara, Akimasa Nishimura, Yoshikazu Toyoki, Shunji Narumi, Kenichi Hakamada, Syuichi Yoshihara, Mutsuo Sasaki
- PP-60 **「Safety of MARS treatment : personal experience」**
Department P. Stefanini, University La Sapienza of Rome, Rome (Italy)
Gilnardo Novelli, Massimo Rossi, Luca Poli, Vincenzo Morabito
- PP-61 **「MARS treatment in Acute Liver Failure patients with HepatoRenal Syndrome. 」**
Dipartimento P. Stefanini, University La Sapienza of Rome, Rome (Italy)
Gilnardo Novelli, Massimo Rossi, Francesco Pugliese, Vincenzo Morabito, Pasquale Berloco

「Dialysis」

Chair Person : Yoshihiro Tominaga (Japan)
Hiroyuki Morita (Japan)

- PP-62 **「The evaluations of albumin-binding uremic toxins derived from intestinal flora in the patients who underwent conventional dialysis therapies」**
Division of Nephrology and Dialysis center, Kobe University School of Medicine, Hyogo (Japan)¹, Center of Blood Purification Therapy, Wakayama Medical University, Wakayama (Japan)², Dialysis Center, Nakaya Hospital, Wakayama (Japan)³
Takaya Abe^{1,2}, Tomiya Abe^{2,3}, Hirotsugu Kobata², Kazuhiro Uchita^{2,3}, Yukiko Kitabata^{2,3}, Hirohito Hasegawa¹, Keisuke Kitaura¹, Takashi Shigematsu², Masafumi Fukagawa¹

- PP-63 **「The new therapeutic approach for the accumulating states of albumin-binding uremic toxins derived from intestinal flora in the dialysis patients」**
Division of Nephrology and Dialysis center, Kobe University School of Medicine, Hyogo (Japan)¹, Center of Blood Purification Therapy, Wakayama Medical University, Wakayama (Japan)², Dialysis Center, Matsui e-Clinic and Matsui Clinic, Akashi (Japan)³
Hirotaka Komaba¹, Takaya Abe^{1,2}, Hirotsugu Kobata², Kazuhiro Uchita², Motohiro Kamimura², Yutaka Matsui³, Hiraku Kadoguchi¹, Takashi Shigematsu², Masafumi Fukagawa¹
- PP-64 **「EXPERIMENTAL STUDY IN DIALYSIS-INDUCED PULMONARY EDEMA : A NEW TYPE OF DISEQUILIBRIUM SYNDROME」**
Division of Nephrology, Department of Medicine, Capital University of Medical Sciences Affiliated Beijing Friendship Hospital, Beijing (China)
Zhigang Wang, Zhenwei Shi
- PP-65 **「Effect of the IFN- γ , IL-4 levels on the expression of Fas and bcl-2 in Public blood lymphocytes (PBL) in the patients with Hemodialysis」**
General Hospital of Jinan Command of the PLA, Jinan ,250031 (China)
Meng Jian-zhong, Xu-yue , Liu wen-yuan, et al.
- PP-66 **「Ultrapur dialysate influences serum levels of vascular calcification inhibitors in hemodialysis patients」**
Department of Nephrology, Showa University School of Medicine, Tokyo (Japan)
Hirokazu Honda, Eijin Ashikaga, Tadao Akizawa

「Antibody Elimination」

Chair Person : Aki Hirayama (Japan)

Takatoshi Kakuta (Japan)

- PP-67 **「Application of plasma exchange to unstable Diabetic Hemodialysis patient with increased insulin Binding Antibodies」**
Renal center, Sumitomo Hospital, Osaka (Japan)
Michiko Nagai, Hajime Nagasu, Naoki Okuda, Katsuhiko Sakaguchi
- PP-68 **「Immunoabsorption plasmapheresis and double filtration plasmapheresis prevented thrombocytopenia in a patient with IgM-phosphatidylserine-dependent anti-prothrombin antibody. 」**
Department of blood purification, Kanazawa University Hospital, Kanazawa (Japan)¹, Municipal Tsuruga Hospital, Tsuruga, Fukui (Japan)², Cellular Transplantation Biology Kanazawa Univ. Grad. Sch. of Med., Kanazawa (Japan)³, Department of gastroenterology and nephrology, Kanazawa University Hospital, Kanazawa (Japan)⁴
Kengo Furuichi¹, Takashi Wada¹, Kazuaki Shimizu², Masahide Yamazaki³, Takayuki Ikeda², Shuichi Kaneko⁴

- PP-69 **「Plasma exchange in vital emergency for S protein inhibitor.」**
 Apheresis unit, Biotherapy department, Necker Hospital AP-HP, Paris (France)¹, Blood bank, Necker Hospital, Paris (France)², Pediatric Intensive Care Unit, Necker Hospital, Paris (France)³, Haemostasis Laboratory, Necker Hospital, Paris (France)⁴, Dermatology Department, Necker Hospital, Paris (France)⁵, Pediatric Intensive Care Unit, University Dupuytren Hospital, Limoges (France)⁶, INSERM, ERIT-M0323, Nancy (France)⁷
 Françoise G. AUDAT¹, Claire H. BOULAT², Fabrice LESAGE³, Dominique LASNE⁴, Christine BODEMER⁵, Vincent GUIGONIS⁶, Thomas LECOMPTE⁷
- PP-70 **「Need for preoperative antibody elimination with plasmapheresis in sensitized patients receiving living related kidney allografts : A clinicopathological study」**
 The Department of Urology, Tokyo Women's Medical University, Tokyo (Japan)
 Hiroki Shirakawa, Hideki Ishida, Tomokazu Shimizu, Kiyoshi Setoguchi, Shouichi Iida, Daisuke Toki, Kazunari Tanabe
- PP-71 **「APHERESIS AND ABO INCOMPATIBLE LIVER/KIDNEY TRANSPLANTATION」**
 Filth Department of Surgery, Hachioji Medical Center of Tokyo Medical University, Tokyo (Japan)
 Naoto Matsuno, Koichiro Hama, Hitoshi Iwamoto, Yoshimaro Jojima, Osamu Konno, Yuki Nakamura, Tatsuto Ashizawa, Takeshi Nagao

「Miscellaneous」

Chair Person : Shunya Uchida (Japan)

- PP-72 **「Double filtration plasmapheresis (DFPP) in the treatment of leg ulcers in the course of cryoglobulinemia (C)」**
 Department of Internal and Public Medicine, University of Bari, Bari (Italy)¹, Department of Biomedical Sciences and Human Oncology (Italy)²
 Alfonso Ramunni¹, Paola Brescia¹, Maria Teresa Salianni¹, GianFranco Lauletta², Michele Montrone², Pasquale Coratelli¹
- PP-73 **「Leukocytapheresis could ameliorate cardiac hypertrophy induced by repeated immunization of cardiac autoantigens.」**
 Department of Cardiology, Kitasato Institute Hospital, Tokyo (Japan)
 Akiyasu Baba
- PP-74 **「Attempt of evaluation of plasmapheresis efficacy at the patients with insulin dependent diabetes」**
 Central Research Lab at Byelorussian State medical University (Belarus)¹, Institute of physics named by B.I.Stepanov of National Academy of Science of Republic of Belarus (Belarus)²
 Igor M. Rovdo¹, Anna K. Korolik¹, Elena A. Korolenko², Elena V. Korolik², Valery V. Kirkovsky¹

- PP-75 **「Effects of Intraperitoneal Administration of Concentrated Ascites Fluid (IPCA) on Refractory Ascites」**
Department of Internal Medicine, Showa University Northern Yokohama Hospital
(Japan)
Masahiro Yamamoto, Hiroaki Ogata, Chiaki Kumata, Noriyo Yoshida,
Eriko Kinugasa, Susumu Taguchi