

Oct 20<sup>th</sup> Room A

Symposium 16 Vasculitis 血管炎

9:00~10:30

## Apheresis for various vasculitis

Chair Wladimir Szpirt Rigshospitale, Copehagen, Denmark

Chair Shoichi Fujimoto Faculty of Medicine, University of Miyazaki

## SY16-01 Therapeutic apheresis for cryoglobulinemic vasculitis in Japan.

Yuri Ishizaki

Division of Nephrology, Department of Internal Medicine, University of Miyazaki, Miyazaki, Japan

## SY16-02 Extracorporeal Treatment Measures in Immune-Complex Small-Vessel Vasculitides

Andreas Kronbichler

Department of Internal Medicine IV (Nephrology and Hypertension), Medical University Innsbruck, Austria

## SY16-03 Plasma exchange therapy to reduce mortality in Japanese patients with microscopic polyangiitis, particularly diffuse alveolar hemorrhage

Yoshiyuki Abe

Department of Internal Medicine and Rheumatology, Juntendo University, Tokyo, Japan

## SY16-04 Should we still plasma exchange in Vasculitis based on Pexivas results?

Wladimir Szpirt

Rigshospitale, Copehagen, Denmark

Symposium 17 LDL

10:45~12:15

## Lipoprotein Apheresis in Kidney Disease

Chair Eri Muso Department of Food and Nutrition, Faculty of Home Economics, Kyoto Kacho University

Chair Takashi Wada Department of Nephrology and Laboratory Medicine University

## SY17-01 Canceled

## SY17-02 Lipoprotein apheresis for kidney disease in adult in Japan

Norihiro Sakai

Division of Blood Purification, Kanazawa University Hospital, Kanazawa, Japan

## SY17-03 Lipoprotein apheresis for kidney disease in children in US

Katherine Twombly

Pediatrics, Medical University of South Carolina, USA

## SY17-04 Lipoprotein apheresis for kidney disease in children in Japan

Naoto Kaneko

Department of Pediatric Nephrology, Tokyo Women's Medical University, Tokyo, Japan

Luncheon Seminar 7

12:30~13:30

Sponsored by NIPRO ニプロ株式会社

## CRRTのトータルマネジメント ~カテーテル・回路閉塞との戦いに勝つために~

Chair 江口 豊 滋賀医科大学 救急集中治療医学講座

### LS7-01 CRRTのトータルマネジメント

副題：カテーテル・回路閉塞との戦いに勝つために

京都市立病院 集中治療科 小尾口邦彦

Symposium 18 Pediatrics 小児 疾患

13:40~15:10

## Applications and Effectiveness of Apheresis Therapy for Severe Conditions in Children

Chair Chisa Yamada Department of Pathology, University of Michigan

Chair Masaaki Mori Lifetime Clinical Immunology, Tokyo Medical and Dental University

### SY18-01 hemolytic uremic syndrome in pediatric patients

Akira Ashida

Department of Pediatrics, Osaka Medical College, Japan

### SY18-02 Plasma exchange therapy for cases refractory to IVIG treatment in Kawasaki disease in Japan

Masaaki Mori

Department of Lifetime Clinical Immunology, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

### SY18-03 Plasma exchange and chelator therapy rescues acute liver failure in Wilson disease without liver transplantation: Form our experiences.

Jun Kido

Department of Pediatrics, Graduate School of Medical Sciences, Kumamoto University, Japan

### SY18-04 Therapeutic Plasma Exchange Treatment for Wilson's Disease in the USA

Chisa Yamada

Transfusion Medicine, Department of Pathology, University of Michigan, Ann Arbor, Michigan, USA

State of the Art 5 State of the Art in the World 世界のアフェリシス事情

15:30~16:30

Chair Yoshihiro Endo Department of Clinical Nursing,  
Shiga University of Medical Science

### SA5-01 Neuro-Apheresis: From stroke to Alzheimer s Disease

Stefan R Bornstein

Third Department of Internal Medicine, University Hospital Carl Gustav Carus, Dresden, Germany

### SA5-02 Long-term lipoprotein apheresis: effects on natriuretic peptides, PCSK9, and immunological parameters

Juergen Graessler

Department and Outpatient Department of Medicine III, University Hospital at the Technische Universitaet Dresden, Germany

- SA5-03 **A Nationwide Population Based Study of Therapeutic Plasma Exchange for 10 years in Korea**  
 Jae Hyeon Park  
 Department of Laboratory Medicine, Seoul National University Hospital, Seoul, Korea
- SA5-04 **The Challenges of Placebo Controlled Clinical Trials in Therapeutic Apheresis**  
 Dobri Kiprof  
 Apheresis Care Group, California Pacific Medical Center, Global Apheresis, San Francisco, CA, USA

10月18日(金)  
 フロタリウム

10月19日(土)  
 フロタリウム

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ガイドライン  
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アフェリシス  
 ミニマルレクチャー

技術講習会

ESFA  
 Workshop

世界の  
 アフェリシス事情

一般演題  
 (英語口演)

一般演題  
 (日本語口演)

一般演題  
 (ポスター)

セミナー

索引

## Room D

English Oral 4 IBD/Ascites/CART/Technology IBD・腹水・CART・技術 9:00~10:30

Chair Tatsuo Tsukamoto Department of Nephrology and Dialysis, Kitano Hospital,  
Tazuke Kofukai Medical Research Institute**EO4-01 Treatment result of the curative effect of GCAP for the intractable UC in our Hospital (examination about the blood throughput)**Katsuji Otsuka  
Kumamoto University Hospital, Japan**EO4-02 Modification of the Dialysate Port of Plasma Separator; A measure against mix-up of plasma separator with hemofilter (final report)**Tatsuo Tsukamoto  
Department of Nephrology and Dialysis, Kitano Hospital, Tazuke Kofukai Medical Research Institute, Japan**EO4-03 Cell-Free and Concentrated Ascites Reinfusion Therapy against refractory ascites on various disease**Masahiro Hattori  
The Department of Surgery, Sapporo Hokuyu hospital, Sapporo, Japan**EO4-04 Assessing cost of membrane and centrifugal techniques for therapeutic plasma exchange in Thailand**Srisawat Nattachai  
Nephrology Department, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Bangkok, Thailand

Symposium 19 CART 2

## CART, Its Current Status and Prospect for the Future Leaps 2

SY19-01 Canceled

SY19-02 to SY12-03

SY19-03 to SY12-04

Symposium 20 Collagen Disease/Rheumatology 膠原病・リウマチ 13:40~15:10

## Therapeutic apheresis for rheumatic diseases

Chair Ken Yamaji Department of Internal Medicine and Rheumatology,  
Juntendo University School of Medicine

## SY20-01 Plasma Exchange and Immunoadsorption in Connective Tissue Diseases

Andreas Kronbichler

Department of Internal Medicine IV (Nephrology and Hypertension), Medical University Innsbruck, Austria

## SY20-02 Extracorporeal Treatment in Systemic Lupus Erythematosus

Katharina Artinger

Division of Nephrology, Department of Internal Medicine Graz, Austria

## SY20-03 The improvement of severe systemic lupus erythematosus with the combined Plasmapheresis and immunosuppressive treatment: a cohort review

Yan Qin

The Kidney Division of Peking Union Medical College Hospital, Beijing, China

## SY20-04 Therapeutic apheresis for anti-melanoma differentiation-associated gene 5 antibody-positive inflammatory myositis associated rapidly progressive interstitial lung disease.

Makio Kusaoi

Department of Internal Medicine and Rheumatology, Juntendo University School of Medicine, Tokyo, Japan

## SY20-05 Efficacy of Plasma Exchange and Prognostic Factors in Anti-MDA5 Antibody-positive Dermatomyositis with Interstitial Lung Disease

Ran Nakashima

Department of Rheumatology and Clinical Immunology, Graduate School of Medicine, Kyoto University, Japan

English Oral 5 Dermatology /Neurology 皮膚疾患・神経 15:30~16:15

Chair Mariko Seishima Department of Dermatology, Gifu University Graduate  
School of Medicine

Chair Katsuichi Miyamoto Kindai University Faculty of Medicine

## EO5-01 A case of pustular psoriasis deteriorated during the second pregnancy was successfully treated with intensive GMA and certolizumab pegol

Asumi Fujii

Department of Dermatology, Gifu University Graduate School of Medicine, Gifu, Japan

## EO5-02 Plasma Exchange in Neuromyelitis Optic Spectrum Disorders

Camilo Gonzalez

Nephrology unit of internal medicine department, Hospital Universitario San Ignacio, Pontificia Universidad Javeriana, Bogota, Colombia

## EO5-03 Efficacy of intravenous methylpredonisolon and plasmapheresis in relapsing MOG-IgG+disease: early institution of plasmapheresis

Satoru Oji

Department of Neurology, Saitama Medical Center, Saitama Medical University, Japan

## Room B-1

Japanese Oral 7 血液・PAD Hematology/ PAD

9:00~10:00

Chair 太田 秀一 Shuichi Ota 札幌北榆病院

**J07-01 下肢潰瘍に対するLDL-A効果の検討**高木 友理子  
済生会熊本病院 臨床工学部門**J07-02 肝紫斑病2歳児にABO血液型不適合生体肝移植の脱感作療法として血漿交換 (PE) を施行した経験**武藤 高史  
自治医科大学附属病院 臨床工学部**J07-03 Goodpasture症候群に対してcPEDを施行した一例**三浦 亜矢子  
秋田大学医学部附属病院 臨床工学センター**J07-04 末梢血CD34陽性細胞数に基づいた末梢血幹細胞採取方法の再検討**小塚 麻紀  
社会医療法人北榆会 札幌北榆病院 臨床工学技術科

State of the Art 6 Neurology/Dermatology/Critical Care Medicine 10:45~12:15

Chair Flora Sandra Siami Clinical Research, HealthCore NERI,USA

**SA6-01 Our Achievement In Establishment Of In-house Neurology Driven Therapeutic Plasma Exchange (TPE) Infrastructure In A Resource-Limited Public Hospital In Malaysia**Shirley Lee  
Neurology Department, Kuala Lumpur Hospital, Malaysia**SA6-02 ESTABLISHMENT OF SOUTH EAST ASIA REGIONAL NEUROLOGICAL DISORDERS THERAPEUTIC PLASMA EXCHANGE CONSORTIUM**Sing Keat Wong  
Department of Neurology, Kuala Lumpur Hospital, Kuala Lumpur, Malaysia.**SA6-03 MicroRNA and granulocyte and monocyte adsorption apheresis on neutrophilic skin diseases**Yuko Higashi  
Department of Dermatology, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima University, Sakuragaoka, Kagoshima, Japan**SA6-04 The use of therapeutic plasma exchange in clinical settings: an economic evaluation in a single institution in China**Jianqing Huang  
Hematology Department, Longyan First Municipal Hospital, Fujian, China**SA6-05 Cost savings with centrifugal therapeutic plasma exchange in intensive care unit Vietnam**Nguyen Khanh Hoang  
Intensive Care Unit, Ho Chi Minh City Hospital, Vietnam

**SA6-06 The 5-year Experiences and Outcomes in Plasmapheresis of non-Transplantation Patients in Limited-Resource Center of Thailand.**

Wanjak Pongsittisak

Renal Division, Department of Medicine, Faculty of Medicine, Vajira Hospital, Navamindradhiraj University, Bangkok, Thailand

Symposium 21	Hepatology 1	肝疾患 1	13:40~15:10
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**Role of apheresis therapy in liver failure 1**

Chair Lanjuan Li School of Medicine, Zhejiang University

Chair Kazuaki Inoue Gastroenterology, Showa University Fujigaoka Hospital

**SY21-01 Advancement in Liver Failure and Artificial Liver**

Lanjuan Li

State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, Zhejiang University, Hangzhou, China

**SY21-02 Extracorporeal Liver Support (ELS) in acute and acute on chronic Liver Failure**

Jan Stange

Department of Medicine, University of Rostock, Rostock, Germany

**SY21-03 High-volume filtrate hemodiafiltration improves recovery rate from hepatic encephalopathy in acute liver failure patients**

Ryuzo Abe

Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Chiba, Japan

**SY21-04 Continuous Plasma Exchange with Dialysis for Patient with Acute Liver Failure**

Kasumi Satoh

Emergency and Critical Care Medicine, Akita University Graduate School of Medicine, Japan

Symposium 22	Hepatology 2	肝疾患 2	15:30~16:30
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**Role of apheresis therapy in liver failure 2**

Chair Kazuaki Inoue Gastroenterology, Showa University Fujigaoka Hospital

**SY22-01 A referral system and an artificial liver support system as intensive care for patients with acute liver failure**

Keisuke Kakisaka

Division of Hepatology, Department of Internal Medicine, Iwate Medical University, Morioka, Japan

**SY22-02**

Ralf Lorenz

**SY22-03 Overview of artificial liver support in Japan**

Kazuaki Inoue

Showa University Fujigaoka Hospital Division of Gastroenterology, Japan

## Room B-2

Symposium 23 Neurology 1 神経疾患 1

9:00~10:00

## Recent advance in TPE for neurological disorders 1

Chair Hou-Chang Chiu Fu-Jen Catholic University Hospital

Chair Hidenori Matsuo National Hospital Organization, Nagasaki National Hospital

**SY23-01 Japan-Plasmapheresis Outcome and Practice Patterns Study (J-POPPS) for Neurological diseases: A multi-center real world survey**

Youwei Lin

National Center of Neurology and Psychiatry, Japan

**SY23-02 Therapeutic Plasma Exchange in Neurological Disorders**

Naraporn Prayoonwiwa

Division of Neurology, Department of Medicine, Faculty of Medicine, Siriraj Hospital Mahidol University, Thailand

**SY23-03 Plasmapheresis in Autoimmune Encephalitis**

Mei-Yun Cheng

Chang Gung Memorial Hospital, Taipei, Taiwan

Symposium 24 Neurology 2 神経疾患 2

10:45~12:15

## Recent advance in TPE for neurological disorders 2

Chair Hou-Chang Chiu Fu-Jen Catholic University Hospital

Chair Hidenori Matsuo National Hospital Organization, Nagasaki National Hospital

**SY24-01 Apheresis treatment to autoimmune disorders in central nervous system: Therapeutic strategy in relapsing NMOSD and MOG-IgG+disease**

Satoru Oji

Department of Neurology, Saitama Medical Center, Saitama Medical University, Japan

**SY24-02 Plasmapheresis in patients with dual diagnosis of myasthenia gravis and neuro-myelitis optica spectrum disorder**

Jiann-Horng Yeh

Department of Neurology, Shin Kong WHS Memorial Hospital, Taipei, Taiwan

**SY24-03 Apheresis for immune neuropathy: Proper use with IVIG**

Katsuichi Miyamoto

Department of Neurology, Kindai University School of Medicine, Osaka, Japan

English Oral 6 Neoplasm / Cardiology / Nephrology 腫瘍/心疾患/腎疾患

13:40~14:40

Chair Tomoharu Shimizu Department of Surgery,

Shiga University of Medical Science

**EO6-01 The application of the adsorbent for LAP positive T cells to cancer therapy**

Kazuo Teramoto

Dept. of Pathology, Shiga University of Medical Science, Japan

- E06-02** **Immunotherapy employing dendritic cell vaccination for patients with advanced or relapsed esophageal cancer**  
Masahiro Ogasawara  
Department of Internal Medicine, Sapporo Hokuyu Hospital, Sapporo, Japan
- E06-03** **Apheresis treatment for refractory nephrotic syndrome by focal segmental glomerulosclerosis; A systematic review of published cases**  
Tatsuo Tsukamoto  
Department of Nephrology and Dialysis, Kitano Hospital, Tazuke Kofukai Medical Research Institute, Osaka, Japan
- E06-04** **Plasmapheresis in patients with Peripartum Cardiomyopathy and Dilated Cardiomyopathy. A single center experience**  
Tzu-Lin Wang  
Department of Cardiology, Shin Kong WHS Memorial Hospital, Taipei, Taiwan

10月18日(金)  
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セッションアメリカ  
マニラ  
コンベンション

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一般演題(日本語口演)  
一般演題(ポスター)  
一般演題

セミナー

索引

Japanese Oral 8 救急医学/小児疾患 Critical Care Medicine/Pediatrics 15:30~16:30

Chair 志賀 英敏 Hidetoshi Shiga 帝京大学ちば総合医療センター 救急集中治療センター  
Chair 芦田 明 Akira Ashida 大阪医科大学小児科

- J08-01** **当院ICUで過去4年間に経験した血漿交換療法に関する検討**  
鶴岡 歩  
大阪市立総合医療センター 救命救急センター/集中治療センター
- J08-02** **ICUで直接血液吸着を施行した急性中毒症例の検討**  
安達 普至  
飯塚病院 集中治療科
- J08-03** **インフリキシマブおよび単純血漿交換療法に不応の川崎病に対しシクロスポリンが有効であった1乳児例**  
山崎 哲司  
大阪医科大学 小児科
- J08-04** **小児に対する選択的血漿交換療法 (SePE) の有効性及び安全性の検討**  
松岡 諒  
自治医科大学附属病院 臨床工学部

## Room E

## 技術講習会2 Technical Talk 2

9:00~10:30

Chair 大久保 淳 Atsushi Okubo 東京医科歯科大学医学部附属病院 MEセンター

## TT2-03 選択的血漿交換療法

花岡 吾子

大阪市立大学医学部附属病院 医療機器部桜沢

## TT2-04 免疫吸着法の安全管理

桜沢 貴俊

東京医科歯科大学医学部附属病院 MEセンター

## 技術講習会3 Technical Talk 3

10:45~12:15

Chair 徳井 好恵 Yoshie Tokui 東京女子医科大学病院 臨床工学部

## TT3-05 白血球系細胞除去療法

中井 歩

独立行政法人地域医療機能推進機構 東京山手メディカルセンター 臨床工学部

## TT3-06 腹水濾過濃縮再静注法(CART)

鈴木 幹子

がん研究会 有明病院 MEセンター

## 技術講習会4 Technical Talk 4

13:40~15:10

Chair 三木 隆弘 Takahiro Miki 日本大学病院 臨床工学室

## TT4-07 持続的血液浄化療法・エンドトキシン吸着療法

峰松 佑輔

大阪大学医学部附属病院

## TT4-08 LDL吸着療法

時任 義臣

社会医療法人天神会 新古賀クリニック 臨床工学課

## Japanese Oral 9 技術3 Technology

15:30~16:15

Chair 岩本ひとみ Hitomi Iwamoto 社会医療法人天神会法人本部総務部

## J09-01 ヒト血清アルブミン製剤と希釈液の種類が置換液組成に及ぼす影響

桜沢 貴俊

東京医科歯科大学医学部附属病院 血液浄化療法部

## J09-02 当院における選択的血漿交換の現況 ~過去2年間の遡及的解析~

秋山 裕輝

自治医科大学附属病院 臨床工学部

## J09-03 CAP療法においてエコー利用によるブラッドアクセス確保が有効であった一例

鈴木 祥仁

新城市民病院 医療技術部 臨床工学課

## Room D 前 ホワイエ

Poster Presentation 5 腎疾患/膠原病・リウマチ Nephrology/Collagen/Disease/Rheumatology 10:30~11:40

Chair 鍵谷真希 Maki Kagitani 大阪医科大学附属病院 血液浄化センター  
Blood Purification Center, Osaka Medical College Hospital

- PP5-01 Long-term Ig apheresis in the treatment of lupus nephritis**  
Alexey A. Sokolov  
The Department of Nephrology and Extracorporeal haemocorrection of Medical Military Academy, St.Petersburg, Russia
- PP5-02 Pleiotropic effects of double filtration plasmapheresis in the prevention of in-stent restenosis in patients with stable coronary artery disease**  
Valery V. Tishko  
The Department of Nephrology and Extracorporeal haemocorrection of Medical Military Academy, St.Petersburg, Russia
- PP5-03 Treatment of plasmapheresis thromboticthrombocytopenic purpura with double-filtration membrane plasmapheresis. A monocentric retrospective study of 11 cases.**  
Femie Chauvel  
Nephrology Dialysis Apheresis Department, CHU Nimes, University Montpellier-Nimes, France
- PP5-04 Low-density Lipoprotein Apheresis in Patients with Acute Kidney Injury due to Minimal Change Disease requiring Acute Renal Replacement Therapy**  
Kohsuke Terada  
Department of Nephrology, Nippon Medical School, Tokyo, Japan
- PP5-05 ステロイドパルス療法, 血漿交換が有効であったがエクリズマブが無効であった aHUSの1例**  
A case of atypical hemolytic uremic syndrome, which steroid pulse therapy and plasma exchange were effective but eculizumab was ineffective.  
野畑 宏信  
愛知医科大学 腎臓・リウマチ膠原病内科
- PP5-06 難治性全身性エリテマトーデス合併クリオグロブリン血管炎にクリオフィルトレーションが有用であった1例**  
A case in which cryofiltration was useful for cryoglobulin angiitis complicated with intractable systemic lupus erythematosus  
木村 侑子  
有澤総合病院 リウマチ膠原病センター
- PP5-07 難治性下肢潰瘍にLDLアフェレシスが有用であった強皮症患者の1例**  
Successful treatment of LDL-A for skin ulcers in a patient with systemic sclerosis  
吉田 周造  
有澤総合病院 リウマチ膠原病センター

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(日本語口演)一般演題  
(ポスター)

セミナー

索引

Chair 清水 智治 Tomoharu Shimizu 滋賀医科大学医学部外科学講座  
Department of Surgery, Shiga University of  
Medical Science

- PP6-01 LPS adsorption with Toxipak columns in treatment of sepsis**  
Alexey A.Sokolov  
The Department of Anesthesiology and Reanimatology, North-Western State Medical University named after I.I.Mechnikov, St.Petersburg, Russia
- PP6-02 Racial disparities in young-onset patients with colorectal, breast and testicular cancer**  
Jingjing Wu  
State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, The First Affiliated Hospital, School of Medicine, Zhejiang University, Hangzhou, China
- PP6-03 Predictive Value of TIMP-2&IGFBP-7 for the incidence and deterioration of Acute Kidney Injury in ICU**  
Chun Pan  
Dept. of Critical Care Medicine, Zhongda Hospital, School of Medicine, Southeast University, Nanjing, China
- PP6-04 高TG血症を起因とした急性膵炎に対して、HD+PEを施行した3例**  
**Three cases of acute pancreatitis due to Hypertriglyceridemia treated with PE and HD**  
鈴木 貴憲  
豊見城中央病院 医療技術部 臨床工学科
- PP6-05 敗血症患者における血液浄化療法**  
**Blood purification in patients with sepsis**  
菊地 武  
昭和大学横浜市北部病院 臨床工学室
- PP6-06 敗血症に対する持続的血液濾過透析療法における圧力損失および、Life timeに関する臨床的検討**  
**Clinical study of pressure difference between membranes and effective period of use of membranes with continuous hemodiafiltration therapy for sepsis.**  
大段 剛  
昭和大学横浜市北部病院 臨床工学室