

November 26 (Sat), 2022

Mini Oral 29

09:30 - 10:15

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

■ Liver 6 (Living Donor)

Chair: Taizo Hibi (*Department of Pediatric Surgery and Transplantation, Kumamoto University Graduate School of Medical Sciences, Japan*)

MO29-1 Discrepancy Between Estimated Graft Volume and Actual Graft Weight in Living Donor Graftectomy

Kosuke Tanaka, Takashi Ito, Yoichiro Uchida, Yuki Masano, Shinya Okumura, Hisaya Shirai, Shoichi Kageyama, Yukinori Koyama, Satoshi Ogiso, Koichiro Hata, Etsuro Hatano (*Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Kyoto University Graduate School of Medicine, Japan*)

MO29-2 Daytime Living Donor Liver Transplantation; Surgical Tips with Outcomes

Koichiro Haruki, Kenei Furukawa, Tomohiko Tani, Mitsuru Yanagaki, Ryoga Hamura, Munetoshi Akaoka, Yoshihiro Shirai, Shinji Onda, Tadashi Uwagawa, Toru Ikegami (*Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery, The Jikei University School of Medicine, Japan*)

MO29-3 Minimally Invasive Surgery for Living Liver Donor; Hybrid Technique and Full-Laparoscopic Surgery

Shogo Kobayashi¹, Takehiro Noda^{1,2}, Yoshito Tomimaru¹, Kazuki Sasaki¹, Yoshifumi Iwagami¹, Daisaku Yamada¹, Hidenori Takahashi¹, Takehisa Ueno^{2,3}, Yuichiro Doki¹, Hidetoshi Eguchi¹ (¹ *Department of Gastroenterological Surgery, Osaka University, Japan*, ² *Department of Transplantation Medicine, Osaka University, Japan*, ³ *Department of Pediatric Surgery, Osaka University, Japan*)

MO29-4 The Impact of Multiple Bile Ducts on Biliary Complications in Living Donor Liver Transplantation

Doo Ho Lee, Yeon Ho Park, Doojin Kim, Sang Tae Choi (*Department of Surgery, Gachon University Gil Medical Center, Gachon University College of Medicine, Republic of Korea*)

MO29-5 Impact of Graft Congestion on Short-Term Outcomes for Pediatric Living Donor Liver Recipients

Hikaru Aoki, Takashi Ito, Hirata Masaaki, Elena Uebayashi, Hisaya Shirai, Shinya Okumura, Yuki Masano, Tatsuya Okamoto, Eri Ogawa, Etsuro Hatano (*Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Department of Surgery, Graduate School of Medicine, Kyoto University, Japan*)

Program - Mini Oral
<November 26 (Sat)>

Mini Oral 30

09:30 - 10:05

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Pancreas and Islet 1

Chair: Yoshihide Nanno (Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine, Japan)

MO30-1 Decompression Tube Placement for Preventing Duodenal Graft Perforation at Pancreas Transplantation

Yoshito Tomimaru¹, Shogo Kobayashi¹, Toshinori Ito², Kazuki Sasaki¹, Yoshifumi Iwagami¹, Daisaku Yamada¹, Takehiro Noda¹, Hidenori Takahashi¹, Ryoichi Imamura³, Yuichiro Doki¹, Hidetoshi Eguchi¹ (¹ Department of Gastroenterological Surgery, Osaka University, Japan, ² Osaka Center for Cancer and Cardiovascular Disease Prevention, Japan, ³ Department of Urology, Osaka University, Japan)

MO30-2 Impact of Total Ischemic Time on Simultaneous Pancreas-kidney Transplantation

Takeshi Kado¹, Yoshito Tomimaru¹, Shogo Kobayashi¹, Toshinori Ito², Ryoichi Imamura³, Kazuki Sasaki¹, Yoshifumi Iwagami¹, Daisaku Yamada¹, Takehiro Noda¹, Hidenori Takahashi¹, Yuichiro Doki¹, Hidetoshi Eguchi¹ (¹ Department of Gastroenterological Surgery, Osaka University, Japan, ² Osaka Center for Cancer and Cardiovascular Disease Prevention, Japan, ³ Department of Urology, Osaka University, Japan)

MO30-3 The Comparative Data Between SPK and Kidney Transplant Alone from the Same Brain-Dead Donor

Taihei Ito¹, Takashi Kenmochi¹, Kei Kurihara¹, Naohiro Aida¹, Makiko N. Mieno², Yuki Nakagawa², Yoshito Tomimaru³, Toshinori Ito³ (¹ Department of Transplantation and Regenerative Medicine, Fujita Health University, School of Medicine, Japan, ² The Japanese Kidney Transplant Registry, Japanese Society for Clinical Renal Transplantation, Japan, ³ The Japan Pancreas Transplant Registry, The Japanese Pancreas and Islet Transplantation Association, Japan)

MO30-4 The Outcomes of Pancreas Transplantation for Lower-Ranked Candidates

Takato Waseda¹, Taihei Ito¹, Takashi Kenmochi¹, Kei Kurihara¹, Naohiro Aida¹, Atsushi Suzuki², Megumi Shibata², Izumi Hiratsuka², Midori Hasegawa³ (¹ Department of Transplantation and Regenerative Medicine, Fujita Health University, School of Medicine, Japan, ² Department of Endocrinology, Diabetes and Metabolism, Fujita Health University, School of Medicine, Japan, ³ Department of Nephrology, Fujita Health University School of Medicine, Japan)

MO30-5 Significance of The Interposition Graft for the Artery Reconstruction in Pancreas Transplantation

Daiichi Hokkoku¹, Yoshito Tomimaru¹, Shogo Kobayashi¹, Toshinori Ito², Kazuki Sasaki¹, Yoshifumi Iwagami¹, Daisaku Yamada¹, Takehiro Noda¹, Hidenori Takahashi¹, Yuichiro Doki¹, Hidetoshi Eguchi¹ (¹ Osaka University, Graduate School of Medicine, Department of Gastroenterological Surgery, Japan, ² Osaka Center for Cancer and Cardiovascular Disease Prevention, Japan)

Mini Oral 31

09:30 - 10:15

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Covid-19 1

Chair: Kazuya Omoto (Yochoumachi Clinic, Japan)

MO31-1 Study of Acquisition of COVID-19 Neutralizing Antibody in Organ Transplant Patients

Shuji Akimoto¹, Takashi Onoe^{1,2}, Hiroshi Morimoto³, Tomomasa Fujii¹, Shinji Yamaguchi¹, Yoshiyuki Shibata¹, Sho Tazuma¹, Haruki Sada¹, Norimitsu Shimada¹, Hirofumi Tazawa¹, Takahisa Suzuki¹, Takeshi Sudo¹, Yosuke Shimizu¹, Hirotaka Tashiro^{1,2} (¹ National Hospital Organization, Kure Medical Center and Chugoku Cancer Center, Surgery, Japan, ² National Hospital Organization, Kure Medical Center and Chugoku Cancer Center, Clinical Research, Japan, ³ Hiroshima Prefectural Hospital, Transplant Surgery, Japan)

MO31-2 Drug Interaction Between Paxlovid and Tacrolimus in a Kidney Transplant Patient with COVID-19

YingYu Huang¹, Ying-Pao Hsu¹, Che-Chuan Loong^{4,5}, Chin-Su Liu^{4,5}, Yuh-Lih Chang^{1,2,3} (¹ Department of Pharmacy, Taipei Veterans General Hospital, Taiwan, ² Department of Pharmacy, National Yang Ming Chiao Tung University, Taiwan, ³ Department and Institute of Pharmacology, National Yang Ming Chiao Tung University, Taiwan, ⁴ School of Medicine, National Yang Ming Chiao Tung University, Taiwan, ⁵ Division of Transplantation Surgery, Department of Surgery, Taipei Veterans General Hospital, Taiwan)

MO31-3 Humoral Response to SARS-CoV-2 mRNA Vaccine in Kidney Transplant Recipients

Tomoko Hamaya¹, Singo Hatakeyama², Tohru Yoneyama³, Hirotake Kodama¹, Takeshi Fujita⁴, Reiichi Murakami⁴, Shunji Narumi⁵, Hirofumi Tomita⁴, Chikara Ohya^{1,2} (¹ Department of Urology, Hirosaki University Graduate School of Medicine, Japan, ² Department of Advanced Blood Purification Therapy, Hirosaki University School of Medicine, Japan, ³ Department of Glycotechnology, Center for Advanced Medical Research, Hirosaki University School of Medicine, Japan, ⁴ Department of Cardiology and Nephrology, Hirosaki University School of Medicine, Hirosaki, Japan, ⁵ Department of Transplant Nephrology and Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

MO31-4 Comparison of COVID-19 After Kidney Transplantation in First to Fifth Waves and Sixth Wave in Japan

Kenta Futamura¹, Norihiko Goto¹, Yuki Hasegawa¹, Kei Tanaka¹, Hiroaki Yonishi¹, Keitarou Nishizawa¹, Manabu Okada¹, Takahisa Hiramitsu¹, Syunji Narumi¹, Yoshihiko Watarai¹ (Transplant Nephrology and Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

MO31-5 Humoral Immunogenicity of Two Doses of BNT162b2 in Pediatric Solid Organ Transplant Recipients

Jee Yeon Baek¹, Kyong Ihn^{2,3}, Hong Koh¹, Keum Hwa Lee¹, Min Young Kim^{1,5}, Hyojung Park^{1,5}, Bonhyang Na^{1,5}, Sinyoung Kim⁶, Ji-Man Kang^{1,5}, Jun Yong Choi⁷, Younhee Park⁶, Myoung Soo Kim^{2,3,4} (¹ Department of Pediatrics, Severance Children's Hospital, Yonsei University College of Medicine, Republic of Korea, ² Division of Transplantation Surgery, Severance Hospital, Yonsei University Health System, Republic of Korea, ³ Department of Surgery, Yonsei University College of Medicine, Republic of Korea, ⁴ The Research Institute for Transplantation, Yonsei University College of Medicine, Republic of Korea, ⁵ Institute for Immunology and Immunological Diseases, Yonsei University College of Medicine, Republic of Korea, ⁶ Department of Laboratory Medicine, Severance Hospital, Yonsei University College of Medicine, Republic of Korea, ⁷ Department of Internal Medicine, Severance Hospital, Yonsei University College of Medicine, Republic of Korea)

MO31-6 A Case Report of A Renal Transplant Patient with Left Abducens Nerve Palsy Following COVID-19 Vaccination

Kazuaki Yamanaka¹, Shota Fukae¹, Ryo Tanaka¹, Ayumu Taniguchi¹, Shigeaki Nakazawa¹, Ryoichi Imamura¹, Norio Nonomura¹ (Department of Urology, Osaka University Graduate School of Medicine, Japan)

Mini Oral 32

10:20 - 10:55

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Liver 7 (Surgical Technique)

Chair: Kazuaki Tokodai (Department of Surgery, Tohoku University Graduate School of Medicine, Japan)

- MO32-1 Liver Only Living Donor Transplantation for Polycystic Disease on Chronic Hemodialysis**
Mitsuru Yanagaki, Koichiro Haruki, Tomohiko Taniai, Kenei Furukawa, Yoshiaki Tanji, Munetoshi Akaoka, Yoshihiro Shirai, Shinji Onda, Tadashi Uwagawa, Takeshi Gocho, Norimitsu Okui, Toru Ikegami (Division of Hepatobiliary and Pancreatic Surgery, The Jikei University School of Medicine, Japan)
- MO32-2 Long Jumping Graft with Superficial Femoral Vein for Portal Vein Thrombosis After Living Liver Transplantation**
Satoshi Mii, Takeshi Takahara, Yutaro Kato, Koichi Suda (Department of Surgery, Fujita Health University, Japan)
- MO32-3 Single Center Experience of Using Right Liver Graft with Dual Portal Veins in Living Donor Liver Transplantation**
Cheng-Yen Chen^{1,3}, Chinsu Liu^{1,3}, Che-Chuan Loong^{1,3}, Cheng-Yuan Hsia^{2,3}, Niang-Cheng Lin^{1,3}
(¹ Division of Transplantation Surgery, Department of Surgery, Taipei Veterans General Hospital, Taiwan, ² Division of General Surgery, Department of Surgery, Taipei Veterans General Hospital, Taiwan, ³ College of Medicine, National Yang Ming Chiao Tung University, Taiwan)
- MO32-4 Portal Venous Bypass Is Not Associated with Prevention of Acute Reperfusion Syndrome in Liver Transplantation**
J. Curran Henson¹, Davis Campbell², Hailey Hardgrave¹, Allison Wells¹, Marie Burdine¹, Emmanouil Giorgakis¹, Lyle Burdine¹ (¹ Department of Surgery, University of Arkansas for Medical Sciences, USA, ² College of Medicine, University of Arkansas for Medical Sciences, USA)
- MO32-5 Portal Venous Bypass Is Not Associated with Prevention of Early Allograft Dysfunction in Liver Transplantation**
J. Curran Henson¹, Davis Campbell², Hailey Hardgrave¹, Allison Wells¹, Marie Burdine¹, Emmanouil Giorgakis¹, Lyle Burdine¹ (¹ Department of Surgery, University of Arkansas for Medical Sciences, USA, ² College of Medicine, University of Arkansas for Medical Sciences, USA)

Mini Oral 33

10:20 - 11:05

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Pancreas and Islet 2

Chair: Takayuki Anazawa (Department of Surgery, Kyoto University, Japan)

- MO33-1 Case-Series of Post-Transplant Lymphoproliferative Disorders After Pancreas Transplantation**
Hiroki Imamura¹, Yoshito Tomimaru¹, Shogo Kobayashi¹, Toshinori Ito², Kazuki Sasaki¹, Yoshifumi Iwagami¹, Daisaku Yamada¹, Takehiro Noda¹, Hidenori Takahashi¹, Yuichiro Doki¹, Hidetoshi Eguchi¹ (¹ Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Japan, ² Osaka Center for Cancer and Cardiovascular Disease Prevention, Japan)

- MO33-2** **Impact of CMV Infection Graft Loss After PTx: A Single Institution Study in Japan**
 Keisuke Toya¹, Yoshito Tomimaru¹, Shogo Kobayashi¹, Toshinori Ito², Kazuki Sasaki¹, Yoshifumi Iwagami¹,
 Daisaku Yamada¹, Takehiro Noda¹, Hidenori Takahashi¹, Ryoichi Imamura³, Yuichiro Doki¹,
 Hidetoshi Eguchi¹ (¹ Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka
 University, Japan, ² Osaka Center for Cancer and Cardiovascular Disease Prevention, Japan,
³ Department of Urology, Graduate School of Medicine, Osaka University, Japan)
- MO33-3** **Estimation of Pancreas Graft Rejection by Donor-derived Cell-free DNA**
 Keizo Kaku, Yasuhiro Okabe, Shinsuke Kubo, Yu Sato, Takanori Mei, Hiroshi Noguchi,
 Masafumi Nakamura (Department of Surgery and Oncology, Graduate School of Medical Sciences,
 Kyushu University, Japan)
- MO33-4** **Feasibility of Islet Transplantation for Recurrent Type 1 DM After Pancreas Transplantation**
 Aya Izuwa, Takayuki Anazawa, Hang Su, Norio Emoto, Kenta Inoguchi, Kei Yamane, Seiichiro Tada,
 Etsuro Hatano (Division of Hepatobiliary Pancreatic Surgery and Transplantation, Department of Surgery,
 Graduate School of Medicine Kyoto University, Japan)
- MO33-5** **Prevascularized Subcutaneous Islet Transplantation Using a Bioabsorbable Medical Device**
 Norio Emoto¹, Takayuki Anazawa¹, Aya Izuwa¹, Hang Su¹, Nanae Fujimoto¹, Kenta Inoguchi^{1,2},
 Kei Yamane^{1,3}, Seiichiro Tada^{1,4}, Etsuro Hatano¹ (¹ Department of Surgery, Graduate School of Medicine,
 Kyoto University, Japan, ² Department of Surgery, Hamamatsu Rosai Hospital, Japan, ³ Department of
 Surgery, Shimane Prefectural Central Hospital, Japan, ⁴ Department of Surgery, Shizuoka Municipal
 Hospital, Japan)

Mini Oral 34

10:20 - 11:05

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Covid-19 2

Chair: Hiroshi Harada (Harada Urological Clinic, Japan)

- MO34-1** **Rapid Deterioration of Renal Function Following COVID-19 in the Renal Transplant Recipient**
 Shigeaki Nakazawa¹, Seigo Machiya¹, Shota Fukae¹, Ryo Tanaka¹, Ayumu Taniguchi¹,
 Kazuaki Yamanaka¹, Shiro Takahara², Tomoko Namba-Hamano³, Ryoichi Imamura¹, Norio Nonomura¹
 (¹ Department of Urology, Osaka University of Graduate School of Medicine, Japan, ² Kansai Medical
 Hospital Renal Transplantation Clinic, Japan, ³ Department of Nephrology, Osaka University Graduate
 School of Medicine, Japan)
- MO34-2** **Short-Term Renal Outcomes After SARS-CoV-2 Infection in Kidney Transplant Recipients in Taiwan**
 Hsiu-Chen Chan¹, Mei-Yi Wu^{2,3,4}, Wan-Chen Shen¹, Pao-Ting Wu², Mai-Szu Wu^{2,3,4} (¹ Department of
 Pharmacy, Shuang Ho Hospital, Taipei Medical University, Taiwan, ² Division of Nephrology, Department
 of Internal Medicine, Shuang Ho Hospital, Taipei Medical University, Taiwan, ³ Division of Nephrology,
 Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University,
 Taiwan, ⁴ Taipei Medical University Research Center of Urology and Kidney, Taipei Medical University,
 Taiwan)
- MO34-3** **Single Center Experience of COVID-19 Management Among Kidney Transplant Recipient in Omicron Pandemic**
 Hyuk Huh, Beongwoo Kim, Yunmi Kim, Taehee Kim, Yeong Hoon Kim (Department of Internal Medicine,
 Inje University Busan Paik Hospital, Republic of Korea)

- MO34-4** **The Impact of Covid-19 Infection on Renal Function in Kidney Transplant Recipients**
Shu Okamoto, Hidefumi Kishikawa, Toshimitsu Tanaka, Yoko Maegawa, Takahiro Yoshida,
Masahiro Nakagawa (*Urology, Hyogo Prefectural Nishinomiya Hospital, Japan*)
- MO34-5** **COVID-19 in Kidney Transplant Recipients: A Single Center Experience**
Koichi Tsutahara, Airi Miki, Teppei Wakita, Yuki Horibe, Masaru Tani, Yoichi Kakuta, Tetsuya Takao
(*Department of Urology, Osaka General Medical Center, Japan*)
- MO34-6** **A Case of Acute Kidney Injury Caused by Myoglobin Cast Nephropathy with SARS-CoV-2 Infection**
Daihi Sato¹, Shinichiro Tsunoda¹, Tomoko Namba-Hamano², Yuki Asada¹, Yuki Yoshii¹, Shin Teshirogi¹,
Ken Terashima¹, Sho Miki¹, Atsuyuki Morishima¹, Katsuhiko Sakaguchi¹, Yutaka Yamaguchi³
(¹ *Department of Kidney Center, Sumitomo Hospital, Japan*, ² *Department of Nephrology, Osaka University Graduate School of Medicine, Japan*, ³ *Yamaguchi's Pathology Laboratory, Japan*)

Mini Oral 35

11:10 - 11:55

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Liver 8, Intestinal Transplantation, Histopathology

Chairs: Kenji Yuzawa (*National Hospital Organization Mito Medical Center, Japan*)
Tomoko Namba-Hamano (*Department of Nephrology, Osaka University Graduate School of Medicine, Japan*)

- MO35-1** **Graft HuR Expression Is Associated with HO-1 Level, Local Inflammation and Recipient Outcome in Liver Transplantation**
Kojiro Nakamura^{1,2}, Shoichi Kageyama², Hirofumi Hirao^{2,3}, Kentaro Kadono^{2,3}, Takahiro Ito⁴,
Hidenobu Kojima^{2,3}, Kenneth Dery³, Jerzy Kupiec-Weglinski³, Kenji Yoshino¹, Takamasa Yamamoto¹,
Masato Matsuura¹, Tetsuya Shiota¹, Toshiyuki Hata¹, Atsushi Itami¹, Takahisa Kyogoku¹ (¹ *Department of Surgery, Kobe City Nishi-Kobe Medical Center, Japan*, ² *Department of Surgery, Kyoto University, Japan*,
³ *Dumont-UCLA Transplantation Center, USA*, ⁴ *Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Japan*)
- MO35-2** **NGFR+ HSC1 and α -SMA+ HSC2 Infiltration Predicted Post-Operative Graft Survival**
Sui Yan Tam, Yum Hung Fredrick Cheng, Wai Ho Oscar Yeung, Kwan Man
(*The University of Hong Kong, Hong Kong*)
- MO35-3** **Basic Study of Machine Perfusion for Porcine Small Intestine**
Hiromichi Obara^{1,2}, Daisuke Ishii², Yuga Okazawa¹, Hiroyoshi Iwata², Mizuho Ohara², Asuka Toriumi²,
Motoshi Wada³, Naoto Matsuno^{1,2} (¹ *Tokyo Metropolitan University, Japan*, ² *Transplantation technology and therapeutic development, Asahikawa Medical university, Japan*, ³ *Pediatric Surgery, Tohoku University, Japan*)
- MO35-4** **Recoverability of Diabetic Nephropathy of Donor Kidney After Kidney Transplantation**
Kyo Won Lee¹, Jae Berm Park¹, Min Jung Kim² (¹ *Department of Surgery, Samsung Medical Center, Republic of Korea*, ² *Department of Surgery, Seoul Medical Center, Republic of Korea*)
- MO35-5** **Clinicopathological Analyses of Chronic Vascular Rejection After Kidney Transplantation**
Tomokazu Shimizu¹, Shoichi Iida¹, Kazuya Omoto², Masashi Inui³, Taiji Nozaki⁴, Hiroshi Toma¹,
Hideki Ishida², Toshio Takagi² (¹ *Urology and Transplant Surgery, Toda Chuo General Hospital, Japan*,
² *Urology, Tokyo Women's Medical University, Japan*, ³ *Urology, Tokyo Women's Medical University Yachiyo Medical Center, Japan*, ⁴ *Urology, Juntendo University Urayasu Hospital, Japan*)

MO35-6 Impact of De Novo Focal Segmental Glomerulosclerosis in Renal Allografts on Graft Survival

Kazuaki Yamanaka¹, Shota Fukae¹, Ryo Tanaka¹, Ayumu Taniguchi¹, Shigeaki Nakazawa¹, Takahiro Yoshida², Tomoko Namba-Hamano³, Masahiro Nakagawa², Ryoichi Imamura¹, Hidefumi Kishikawa², Norio Nonomura¹ (¹ Department of Urology, Osaka University Graduate School of Medicine, Japan, ² Department of Urology, Hyogo Prefectural Nishinomiya Hospital, Japan, ³ Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

Mini Oral 36

11:10 - 11:55

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Kidney 13 (Nutrition, Diabetes 3, QOL)

Chair: Atsuyuki Morishima (Sumitomo Hospital, Japan)

MO36-1 Obesity Affected the Renal Function After Kidney Transplantation

Chin Te Lin (Chang Gung Memorial Hospital, Taiwan)

MO36-2 Efficacy and Safety of 12-Month Daprodustat Administration in Post-Renal Transplant Patients

Daiki Nagawa¹, Reiichi Murakami¹, Mirei Himura¹, Ikuyo Kinjo¹, Takeshi Fujita¹, Michiko Shimada¹, Hirofumi Tomita¹, Shingo Hatakeyama², Takahiro Yoneyama², Yasuhiro Hashimoto², Chikara Ohyama² (¹ Hirosaki University, Department of Cardiology and Nephrology, Japan, ² Hirosaki University, Department of Urology, Japan)

MO36-3 Usage of Metformin in Kidney Transplant Recipients with Post-Transplantation Diabetes Mellitus

Dongyeon Lee¹, Jiyun Jung^{2,3}, Jangwook Lee^{3,4}, Sung Joon Shin^{3,4,5}, Sichan Kim¹, Chung Hee Baek¹, Su-Kil Park¹, Hyosang Kim¹ (¹ Division of Nephrology, Department of Internal Medicine, Asan Medical Center, University of Ulsan College of Medicine, Republic of Korea, ² Data management and Statistics Institute, Dongguk University Ilsan Hospital, Republic of Korea, ³ Research Center for Chronic Disease and Environmental Medicine, Dongguk University College of Medicine, Republic of Korea, ⁴ Department of Internal Medicine, Dongguk University Ilsan Hospital, Republic of Korea, ⁵ Department of Internal Medicine, Dongguk University College of Medicine, Republic of Korea)

MO36-4 Total Cell Free DNA as Noninvasive Biomarker of DGF After Kidney Transplantation from DCD

Mamoru Kusaka^{1,2}, Akihiro Kawai^{1,2}, Kiyoshi Takahara², Hitomi Sasaki², Taihei Ito³, Takashi Kenmochi³, Ryoichi Shiroki² (¹ Department of Urology, Fujita Health University Okazaki Medical Center, Japan, ² Department of Urology, Fujita Health University, Japan, ³ Transplantation and Regenerative Medicine, Fujita Health University, Japan)

MO36-5 Therapeutic Effects of ADSCs on Experimental Chronic renal Failure/Uremia and Implications in Prevention from Renal Loss After Transplantation

Shuk-Man Ka¹, Bang-Gee Hsu^{2,3}, Cheng-Hsu Chen⁴, Chia-Chao Wu⁵, Ann Chen⁶, Horng-Jyh Harn^{7,8}, Shinn-Zong Lin^{3,9} (¹ Graduate Institute of Aerospace and Undersea Medicine, Department of Medicine, National Defense Medical Center, Taiwan, ² Division of Nephrology, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan, ³ School of Medicine, Tzu Chi University, Taiwan, ⁴ Division of Nephrology, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan, ⁵ Division of Nephrology, Department of Medicine, Tri-Service General Hospital, National Defense Medical Center, Taiwan, ⁶ Department of Anatomical Pathology, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan, ⁷ Department of Medical Research, China Medical University Hospital, Taiwan, ⁸ Bioinnovation Center, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan, ⁹ Department of Neurosurgery, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan)

MO36-6 Impact of Nocturnal Polyuria and Sleep Quality in Kidney Transplant Recipients with Nocturia

Shunta Hori¹, Kazumasa Torimoto¹, Mitsuru Tomizawa¹, Tatsuo Yoneda¹, Kuniaki Inoue¹, Nobutaka Nishimura¹, Yosuke Morizawa¹, Daisuke Gotoh¹, Yasushi Nakai¹, Makito Miyake¹, Nobumichi Tanaka^{1,2}, Kiyohide Fujimoto¹ (¹ Urology, Nara Medical University, Japan, ² Prostate Brachytherapy, Nara Medical University, Japan)

Mini Oral 37

11:10 - 11:55

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Basic and Translational Sciences 3

Chair: Kenta Iwasaki (Aichi Medical University, Japan)

MO37-1 The Impact of Propionic Acid Induced by Dietary Fiber on Mice Liver Ischemia and Reperfusion Injury

Kosuke Tanaka^{1,2}, Yoichiro Uchida^{1,2}, Junya Kawasoe², Hiroshi Kawamoto^{1,2}, Kenichi Saga^{1,2}, Takeshi Watanabe³, Tomoyuki Miyauchi², Shungo Ueda², Kojiro Taura², Hiroaki Terajima², Etsuro Hatano¹ (¹ Department of Surgery, Graduate School of Medicine, Kyoto University, Japan, ² Department of Gastroenterological Surgery and Oncology, Kitano Hospital Medical Research Institute, Japan, ³ Division of Immunology, Institute for Frontier Life and Medical Sciences, Kyoto University, Japan)

MO37-2 Effects of Periodontal Pathogen-Induced Intestinal Dysbiosis on Transplant Immunity in an Allogenic Skin Graft Model

Takanori Mei¹, Hiroshi Noguchi¹, Ryutaro Kuraji², Shinsuke Kubo¹, Yu Sato¹, Keizo Kaku¹, Hideya Ohnishi³, Yasuhiro Okabe¹, Masafumi Nakamura¹ (¹ Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan, ² Department of Periodontology, The Nippon Dental University School of Life Dentistry at Tokyo, Tokyo, Japan, ³ Department of Cancer and Research, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

MO37-3 Gut Microbiota in Immunoglobulin a Nephropathy

Shigeaki Nakazawa¹, Daisuke Motooka², Shota Fukae¹, Ryo Tanaka¹, Ayumu Taniguchi¹, Kazuaki Yamanaka¹, Tomoko Namba-Hamano³, Ryoichi Imamura¹, Norio Nonomura¹ (¹ Department of Urology, Osaka University Graduate School of Medicine, Japan, ² Department of Infection Metagenomics, Research Institute for Microbial Diseases, Osaka University, Japan, ³ Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

MO37-4 Discovery of Cellular and Molecular Pathways Involved in the Development of Anti HLA Antibody Through Single Cell RNA Sequencing in Highly Sensitized Mouse Model

Hanbi Lee¹, Sang Hun Eum², Yoo-Jin Shin³, Sheng Cui³, Sun Woo Lim³, Chul Woo Yang¹, Byung Ha Chung¹ (¹ Division of Nephrology, Department of Internal Medicine, Seoul St. Marys Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea, ² Division of Nephrology, Department of Internal Medicine, Incheon St. Marys Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea, ³ Transplant Research Center, College of Medicine, The Catholic University of Korea, Republic of Korea)

MO37-5 IL-2 Receptor Engineering Enhances Regulatory T Cell Function Suppressed by Calcineurin Inhibitor

Toshihito Hirai¹, Po-Yu Lin², Teresa L Ramos², K Christopher Garcia², Robert S Negrin² (¹ Tokyo Women's Medical University, Japan, ² Stanford University, USA)

MO37-6 Ferroposis Related Gene Signature in TCMR After Kidney Transplantation

Weixun Zhang^{1,2}, Xiaodong Zhang^{1,2} (¹ Department of Urology, Beijing Chao-Yang Hospital, Capital Medical University, China, ² Institute of Urology, Capital Medical University, China)

Mini Oral 38

12:00 - 12:45

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Xenotransplantation, Sex and Gender

Chairs: Masayoshi Okumi (Department of Urology, Kyoto Prefectural University of Medicine, Japan)
Yuki Nakagawa (Department of Urology, Juntendo University Graduate School of Medicine, Japan)

MO38-1 CD31 & CD177 Suppress Not Only Neutrophils & Macrophages but NK Cell-mediated Xenogeneic Rejection

Shuhei Kogata, Akira Maeda, Pei-Chi Lo, Keigo Iemitsu, Koki Takase, Kazunori Masahata, Masafumi Kamiyama, Hiroshi Eguchi, Hiroomi Okuyama, Shuji Miyagawa (Department of Pediatric Surgery, Osaka University Graduate School of Medicine, Japan)

MO38-2 Comparison of Graft Survival Between Full Thickness and Lamellar Pig-to-Monkey Corneal Xenotransplantation from the Same Genetically Engineered Pig with Minimal Immunosuppression

Ik Jin Yun¹, Ki Cheul Shin², Wan Seop Kim³, Keon Bong Oh⁴, Hye Sun Shin¹, Yu Rim Ahn¹ (¹ Department of Surgery, Konkuk University Hospital, Seoul, Republic of Korea, ² Department of Ophthalmology, Konkuk University Hospital, Republic of Korea, ³ Pathology, Konkuk University Hospital, Republic of Korea, ⁴ Animal Biotechnology, National Institute of Animal Science, Republic of Korea)

MO38-3 Current Status of Genetically Engineered Pig to Monkey Kidney Xenotransplantation in Korea

Ik Jin Yun (Department of Surgery, Konkuk University Hospital, Republic of Korea)

MO38-4 Recipient Sex Hormone Affect Transplant Outcomes in an Age-specific Fashion

Ryoichi Maenosono¹, Yeqi Nian², Jasper Iske², Haruhito Azuma¹, Stefan G Tullius² (¹ Department of Urology, Osaka Medical and Pharmaceutical University, Japan, ² Division of Transplant Surgery, Department of Surgery, Brigham and Womens Hospital, Harvard Medical School, USA)

MO38-5 Gender Differences in MicroRNA Expressions as Related to Long-Term Graft Function in Kidney Transplant Patients

Sien Yu Ko¹, Chia-Tien Hsu², Shang-Feng Tsai^{2,3,4}, Shih-Ting Huang^{1,5}, Cheng-Hsu Chen^{2,3,4,5} (¹ School of Medicine, Chung Shan Medical University, Taiwan, ² Division of Nephrology, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan, ³ Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taiwan, ⁴ Department of Life Science, Tunghai University, Taiwan, ⁵ School of Medicine, Chung Shan Medical University, Taiwan)

MO38-6 Kidney Transplantation for a Transgender Male: A Case Report

Akihiro Kosoku^{1,2}, Tomoaki Iwai¹, Hiroo Masuda³, Kazuya Kabei¹, Shunji Nishide³, Junji Uchida¹ (¹ Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Urology, Meijibashi Hospital, Japan, ³ Urology, Osaka City General Hospital, Japan)

Mini Oral 39

12:00 - 12:45

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Kidney 14 (Antibody Mediated Rejection 1)

Chair: Daisuke Ishii (Department of Urology, Kitasato University School of Medicine, Japan)

MO39-1 Influence of HLA Epitope Mismatch on The Kidney Allograft After Transplantation

Miyuki Furusawa^{1,4}, Hideki Ishida^{1,2}, Taichi Kanzawa¹, Kouhei Unagami², Kazuya Omoto^{1,4}, Tomokazu Shimizu^{1,5}, Takafumi Yagisawa¹, Junpei Izuka¹, Masashi Inui^{1,3}, Kazunari Tanabe¹, Toshio Takagi¹ (¹ Department of Urology, Tokyo Women's Medical University, Japan, ² Department of Transplant Medicine, Tokyo Womens Medical University Hospital, Japan, ³ Department of Urology, Tokyo Womens Medical University Yachiyo Medical Center, Japan, ⁴ Department of Transplant Center, Yocho-machi Clinic, Japan, ⁵ Department of Urology, Todachuo General Hospital, Japan)

MO39-2 Impact of Low-level Donor-specific Anti-HLA Antibody on Post-transplant Clinical Outcomes of Kidney Transplant Recipients

Haeun Lee, Chul Woo Yang, Byung Ha Chung (Division of Nephrology, Department of Internal Medicine, Seoul St. Marys Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea)

MO39-3 A Case of CAAMR Caused by Pre-existing anti-DQ DSA in SLE Recipient Without History of Sensitization

Masaya Yoshida¹, Shigeyoshi Yamanaga², Mikiyoshi Hiraki¹, Hinoka Nishiyama¹, Seiya Fukuoka¹, Arisa Uchida¹, Kiho Yoshimaru¹, Yuji Hidaka², Takashi Yamasaki¹, Hiromi Yoshimura¹, Mariko Toyoda³, Teruhiko Ito¹ (¹ Japanese Red Cross Kumamoto Hospital Department of Clinical Laboratory, Japan, ² Japanese Red Cross Kumamoto Hospital Department of Surgery, Japan, ³ Japanese Red Cross Kumamoto Hospital Department of Nephrology, Japan)

MO39-4 Outcomes of Treatments for Acute Antibody-Mediated Rejection After Kidney Transplantation

Taro Banno¹, Chika Nagahisa¹, Shuhei Nozaki¹, Ryoichi Maenosono², Takafumi Yagisawa¹, Taichi Kanzawa¹, Kohei Unagami³, Kazuhiko Yoshida¹, Toshihito Hirai¹, Junpei Izuka¹, Hideki Ishida^{1,3}, Toshio Takagi¹ (¹ Department of Urology, Tokyo Women's Medical University, Japan, ² Department of Urology, Osaka Medical and Pharmaceutical University Hospital, Japan, ³ Department of Organ Transplant Medicine, Tokyo Women's Medical University, Japan)

MO39-5 A Case of Living Kidney Transplantation Suspected of Hyper-acute Rejection During Kidney Transplant Surgery

Tomokazu Shimizu¹, Shoichi Iida¹, Hiroshi Toma¹, Kazuya Omoto², Taiji Nozaki³, Masashi Inui⁴, Hideki Ishida², Toshio Takagi² (¹ Transplant Surgery and Urology, Toda Chuo General Hospital, Japan, ² Urology, Tokyo Women's Medical University, Japan, ³ Urology, Juntendo University Urayasu Hospital, Japan, ⁴ Urology, Tokyo Women's Medical University Yachiyo Medical Center, Japan)

MO39-6 Genetic Polymorphisms in CXCR5 Are Associated with De Novo Donor-specific Antibody Formation After Kidney Transplantation

Kosuke Ono, Kentaro Ide, Ryosuke Nakano, Hiroshi Sakai, Naoki Tanimine, Hiroyuki Tahara, Masahiro Ohira, Yuka Tanaka, Hideki Ohdan (Department of Gastroenterological and Transplant Surgery, Hiroshima University, Japan)

Mini Oral 40

12:00 - 12:45

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Basic and Translational Sciences 4

Chair: Xiao-Kang Li (National Center for Child Health & Development, Japan)

- MO40-1** **Graft Perfusion with An HSP90 Inhibitor Prolongs Graft Survival**
Toshiaki Tanaka, Takeshi Maehana, Kohei Hashimoto, Ko Kobayashi, Naoya Masumori (Department of Urology, Sapporo Medical University, Japan)
- MO40-2** **Protective Effect of Berberine Against Tacrolimus-Induced β -Cell Dysfunction**
Hyuk Jai Jang, Min Jae Jeong, Mee Young Oh (Surgery, Ulsan University, Gangneung Asan Hospital, Republic of Korea)
- MO40-3** **Fucoidan Alleviates the FK506-Induced Renal Damage via Antioxidant Effect and Inhibiting Apoptosis**
Hyuk Jai Jang, Min jae Jeong, Mee Young Oh (Ulsan University, Gangneung Asan Hospital, Republic of Korea)
- MO40-4** **Recombinant Thrombomodulin Alpha Attenuates Kidney Graft Damage After Long Cold Ischemia Time in a Rat Kidney Transplant Model**
Satoshi Tamaki¹, Kazunobu Shinoda², Masayuki Shimoda³, Shinya Morita¹, Hiroshi Asanuma¹, Mototsugu Oya¹ (¹ Keio University, Japan, ² Department of Urology, St. Marianna University School of Medicine, Japan, ³ Department of Pathology, Jikei University School of Medicine, Japan)
- MO40-5** **Feasibility of Organ Transportation by The Drone: An Experimental Study Using a Rat Model**
Takahiro Enjoji, Akihiko Soyama, Masayuki Fukumoto, Li Peilin, Kunihiro Matsuguma, Takanobu Hara, Hajime Matsushima, Yasuhiro Maruya, Tomohiko Adachi, Masaaki Hidaka, Susumu Eguchi (Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences, Japan)
- MO40-6** **Downregulated PGC1 α Drives Steatotic Liver Graft Injury by Metabolic Reprogramming of M1 Macrophage**
Jiang Liu^{1,2}, Oscar WH. Yeung¹, Li Pang¹, Kevin TP. Ng¹, Jia-Hong Dong², Kwan Man¹ (¹ Department of Surgery & HKU-Shenzhen Hospital, School of Clinical Medicine, LKS Faculty of Medicine, the University of Hong Kong, Hong Kong, ² Hepato-Pancreato-Biliary Center, Beijing Tsinghua Changgung Hospital, Tsinghua University, China)

Program - Mini Oral
<November 26 (Sat)>

Mini Oral 41

14:00 - 14:45

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Liver 9 (Long-Term Outcome, Adverse Event 1)

Chair: Takumi Fukumoto (Department of Gastroenterological Surgery, Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine, Japan)

- MO41-1** **Central Pontine Myelinolysis After Liver Transplantation; A Case Report**
Naoya Sato, Atsushi Nishimagi, Akira Kenjo, Yasuhide Kofunato, Teruhide Kofunato, Junichiro Haga, Makoto Muto, Shigeyuki Tsukida, Shigeru Marubashi (Fukushima Medical University, Japan)

- MO41-2** **Significance of Tenascin-C Levels in Recipients with Prolonged Jaundice After Living Donor Liver Transplantation**
Toru Shinkai^{1,2}, Naohisa Kuriyama¹, Masanobu Usui³, Aoi Hayasaki¹, Takehiro Fujii¹, Yusuke Iizawa¹, Akihiro Tanemura¹, Yasuhiro Murata¹, Masashi Kishiwada¹, Daisuke Katoh⁴, Takeshi Matsumoto⁵, Hideo Wada⁶, Toshimichi Yoshida⁴, Shuji Isaji¹, Shugo Mizuno¹ (¹ Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University Graduate School of Medicine, Japan, ² Department of Disaster and Emergency Medicine, Mie University Graduate School of Medicine, Japan, ³ Department of Palliative Medicine, Fujita Health University Faculty of Medicine, Japan, ⁴ Department of Pathology and Matrix Biology, Mie University Graduate School of Medicine, Japan, ⁵ Department of Hematology and Oncology, Mie University Graduate School of Medicine, Japan, ⁶ Department of Molecular Pathobiology and Cell Adhesion Biology, Mie University Graduate School of Medicine, Japan)
- MO41-3** **Gene Polymorphisms and Risk Factors of Neurological Complications After Liver Transplantation**
Haojun Wang^{1,2}, Wei Wang¹ (¹ Department of Urology, Beijing Chaoyang Hospital, Capital Medical University, China, ² Capital Medical University, China)
- MO41-4** **Risk Factor and Management of Biliary Stricture After Living Donor Liver Transplantation**
Tomohiko Taniai, Kenei Furukawa, Koichiro Haruki, Mitsuru Yanagaki, Ryoga Hamura, Munetoshi Akaoka, Rui Marukuchi, Shinji Onda, Yoshihiro Shirai, Tadashi Uwagawa, Toru Ikegami (Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery, The Jikei University School of Medicine, Japan)
- MO41-5** **De Novo Malignancy After Living Liver Transplantation: A Single-center Long-Term Experience**
Yuichi Masuda, Atsuyoshi Mita, Yasunari Ohno, Koji Kubota, Tsuyoshi Notake, Akira Shimizu, Yuji Soejima (Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery, Department of Surgery, Shinshu University School of Medicine, Japan)
- MO41-6** **Metachronous Double De Novo Malignancy After Living Donor Liver Transplantation: A Case Report**
Atsushi Nishimagi, Naoya Sato, Shigeyuki Tsukida, Makoto Muto, Junichiro Haga, Yasuhide Kofunato, Teruhide Ishigame, Takashi Kimura, Akira Kenjo, Shigeru Marubashi (Fukushima Medical University, Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Japan)

Mini Oral 42

14:00 - 14:45

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Heart 1

Chair: Yasumasa Tsukamoto (Department of Transplantation, National Cerebral and Cardiovascular Center, Japan)

MO42-1 **Urgent Desensitization in Heart Transplantation: A Ten-Year Experience in a Tertiary Medical Center**

Hsun Yi Fu¹, Yi-Chia Wang², Chuan-I Tsao³, Sz-Han Yu³, Yih-Sharn Chen³, Heng-Wen Chou³, Nai-Hsin Chi³, Chih-Hsien Wang³, Ron-Bin Hsu³, Shu-Chien Huang³, Hsi-Yu Yu³, Nai-Kuan Chou³ (¹ National Taiwan University Hospital Hsin-Chu Branch, Taiwan, ² Department of Anesthesiology, National Taiwan University Hospital, Taiwan, ³ Department of Cardiac Surgery, National Taiwan University Hospital, and School of Medicine, National Taiwan University, Taiwan)

- MO42-2 SARS-CoV-2 Antibody Response After SARS-CoV-2 Vaccine in Heart Transplant Recipients**
Hidetoshi Hattori¹, Michiru Nomoto¹, Noriko Kikuchi¹, Atsushi Suzuki¹, Natsumi Endo², Yuki Ichihara³, Satoshi Saito³, Junichi Yamaguchi¹, Hiroshi Niinami³, Shinichi Nunoda⁴ (¹ Department of Cardiology, Tokyo Women's Medical University, Japan, ² Department of Organ Transplant Medicine, Tokyo Women's Medical University, Japan, ³ Department of Cardiovascular Surgery, Tokyo Women's Medical University, Japan, ⁴ Department of Therapeutic Strategy for Severe Heart Failure, Tokyo Women's Medical University Graduate School of Medicine, Japan)
- MO42-3 Low-Density Lipoprotein Concentration and Cardiovascular Event After Heart Transplantation**
Masaki Tsuji¹, Yoshitaka Isotani¹, Nobutaka Kakuda¹, Chie Bujo^{1,2}, Junichi Ishida¹, Eisuke Amiya^{1,2}, Masaru Hatano^{1,3}, Issei Komuro¹, Minoru Ono⁴ (¹ Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo, Japan, ² Department of Therapeutic Strategy for Heart Failure, The University of Tokyo, Japan, ³ Department of Advanced Medical Center for Heart Failure, The University of Tokyo, Tokyo, Japan, ⁴ Department of Cardiac Surgery, Graduate School of Medicine, The University of Tokyo, Japan)
- MO42-4 Acute Cellular Rejection with Discrepancy Between Cardiac Histopathological and Imaging Findings**
Tasaku Hada¹, Shotaro Komeyama¹, Hiroki Mochizuki¹, Takuya Watanabe¹, Satsuki Fukushima², Tomoyuki Fujita², Yasumasa Tsukamoto¹ (¹ Department of Transplant Medicine, National Cerebral and Cardiovascular Center, Japan, ² Department of Cardiovascular Surgery, National Cerebral and Cardiovascular Center, Japan)
- MO42-5 Application of A Newly Developed Organ Fixator to Heart Transplantation: Investigation in a Pig Model**
Shinji Torai^{1,2}, Kanta Kurauchi², Eiji Kobayashi¹ (¹ The Jikei University School of Medicine Department of Kidney Regenerative Medicine, Japan, ² SCREEN Holdings Co., Ltd., Japan)
- MO42-6 Clinical Impacts of the Utilization of Marginal Donor Hearts on Short-term and Long-Term Outcomes**
Masaro Nakae, Daisuke Yoshioka, Koichi Toda, Masashi Kawamura, Tetsuya Saito, Takuji Kawamura, Ai Kawamura, Ryohei Matsuura, Yusuke Misumi, Masaki Taira, Kazuo Shimamura, Shigeru Miyagawa (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Japan)

Mini Oral 43

14:00 - 14:49

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Covid-19 3

Chair: Takahisa Hiramitsu (Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

- MO43-1 Antibody Acquisition After SARS-CoV-2 Vaccination in Japanese Kidney Transplant Patients**
Hidetaka Deguchi¹, Atsuhiko Sakamoto², Nobuyuki Nakamura³, Yasuhiro Okabe⁴, Yoshifumi Miura⁵, Kosuke Masutani¹ (¹ Division of Nephrology and Rheumatology, Fukuoka University, Japan, ² Department of General Medicine, Fukuoka University, Japan, ³ Department of Urology, Fukuoka University, Japan, ⁴ Department of Surgery and Oncology, Kyushu University, Japan, ⁵ Department of General Surgery, Harasanshin Hospital, Japan)
- MO43-2 COVID-19 Infection in Post LDLT Patients and The Use of Everolimus**
Yukiko Kosai-Fujimoto, Noboru Harada, Yuki Nakayama, Katsuya Toshida, Takahiro Tomiyama, Takahiro Tomino, Shohei Yoshiya, Yoshihiro Nagao, Hiroto Kayashima, Shinji Itoh, Tomoharu Yoshizumi (Department of Surgery and Science, Kyushu University Hospital, Japan)

MO43-3 Clinical Outcome of COVID-19 in Pediatric Liver Transplantation Recipients

Ryuji Komine¹, Seisuke Sakamoto¹, Seiichi Shimizu¹, Hajime Uchida¹, Noriki Okada¹, Toshimasa Nakao¹, Tasuku Kodama¹, Akinari Fukuda¹, Masaki Yamada^{2,3}, Kensuke Shoji², Takanori Funaki², Chikara Ogimi², Mureo Kasahara¹ (¹ Organ Transplantation Center National Center for Child Health and Development, Japan, ² Department of Advanced Medicine for Virus Infections, National Center for Child Health and Development, Japan, ³ Division of Infectious Diseases, Department of Medical Subspecialties, National Center for Child Health and Development, Japan)

MO43-4 Adjustment of Immunosuppressants to Facilitate AntiCovid19 Antibody Production After mRNA Vaccination in Liver Transplant Recipients

Wei-Chen Lee^{1,2}, Hao-Chien Hung¹, Jin-Chiao Lee¹, Chung-Guei Huang^{3,4}, Po-Wei Huang³, Po-Wen Gu³, Yu-Chao Wang¹, Chih-Hsien Cheng¹, Tsung-Han Wu¹, Chen-Fang Lee^{1,2}, Ting-Jung Wu^{1,2}, Hong-Shiue Chou^{1,2}, Kun-Ming Chan^{1,2} (¹ Division of Liver and Transplantation Surgery, Department of General Surgery, Chang-Gung Memorial Hospital, Taiwan, ² Chang-Gung University College of Medicine, Taiwan, ³ Department of Laboratory Medicine, Chang-Gung Memorial Hospital, Taiwan, ⁴ Department of Medical Biotechnology and Laboratory Science, Chang-Gung University College of Medicine, Taiwan)

MO43-5 Antibody Response After SARS-CoV-2 mRNA Vaccines in Previously Infected Kidney Transplant Recipients

Hiroko Beppu¹, Hiroki Shirakawa^{2,3}, Kazuya Omoto^{3,4}, Ayumi Ishiwatari¹, Tatsuya Fukuda⁵, Kohei Unagami^{4,6,7}, Hideki Ishida^{4,7}, Takahiro Sanada⁸, Tomoko Honda⁸, Mitsuhiko Miyashita⁹, Masanari Itokawa¹⁰, Michinori Kohara⁸, Sachiko Wakai¹ (¹ Department of Nephrology, Tokyo Metropolitan Okubo Hospital, Japan, ² Department of Urology, Tokyo Metropolitan Okubo Hospital, Japan, ³ Department of Urology, Tokyo Womens Medical University, Japan, ⁴ Department of Organ Transplant Medicine, Yocho-machi Clinic, Japan, ⁵ Department of Endocrinology and Metabolism, Tokyo Metropolitan Okubo Hospital, Japan, ⁶ Department of Nephrology, Tokyo Womens Medical University, Japan, ⁷ Department of Organ Transplant Medicine, Tokyo Womens Medical University, Japan, ⁸ Department of Microbiology and Cell Biology, Tokyo Metropolitan Institute of Medical Science, Japan, ⁹ Research Center for Social Science and Medicine, Tokyo Metropolitan Institute of Medical Science, Japan, ¹⁰ Schizophrenia Research Project, Tokyo Metropolitan Institute of Medical Science, Japan)

MO43-6 The Outcome of Heart Transplant Recipients After Three Doses of Covid-19 Vaccine

Chuan-I Tsao¹, Chih-Yuan Lee², Chien-Chia Chen², Pei-Yin Hsieh¹, Nai-Kuan Chou³, Chih-Hsien Wang³, Nai-Hsin Chi³, Shu-Chien Huang³, Hsi-Yu Yu³, Ron-Bin Hsu³, Yih-Sharng Chen³ (¹ Department of Nursing, National Taiwan University Hospital, Taiwan, ² Division of General Surgery, National Taiwan University Hospital, Taiwan, ³ Division of Cardiac Surgery, Department of Surgery, National Taiwan University Hospital, Taiwan)

MO43-7 Outcomes of Kidney Transplantation Recipients with SARS-CoV-2 Infection: A Single-Center Experience

Eri Sekido^{1,2}, Kohei Unagami³, Satomi Koshida³, Rikako Oki³, Sachi Okabe³, Makoto Toguchi², Ryo Minoda², Taichi Kanzawa², Toshihito Hirai², Kazuya Omoto^{2,4}, Masashi Inui¹, Hideki Ishida³, Toshio Takagi² (¹ Urology, Tokyo Women's Medical University Yachiyo Medical Center, Japan, ² Urology, Tokyo Women's Medical University, Japan, ³ Organ Transplant Medicine, Tokyo Women's Medical University, Japan, ⁴ Tokiwakai Yochomachi Clinic, Japan)

Mini Oral 44

14:50 - 15:35

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

■ Liver 10 (Long-Term Outcome, Adverse Event 2)

Chair: Takeshi Takahara (Department of Surgery, Fujita Health University, Japan)

MO44-1 Living-Donor Liver Transplantation for Primary Biliary Cholangitis: A Single-Institution Experience Over 10 Years

Mitsuru Yanagaki, Kenei Furukawa, Tomohiko Taniai, Koichiro Haruki, Rui Marukuchi, Munetoshi Akaoka, Yoshihiro Shirai, Shinji Onda, Michinori Matsumoto, Tadashi Uwagawa, Toru Ikegami (Division of Hepatobiliary and Pancreatic Surgery, The Jikei University School of Medicine, Japan)

MO44-2 The Factors of Predicting Over-Time Weight Increase After Liver Transplantation

Yuhi Shimura, Kaori Kuramitsu, Masahiro Kido, Shohei Komatsu, Hidetoshi Gon, Kenji Fukushima, Takeshi Urade, Shinichi So, Daisuke Tsugawa, Tadahiro Goto, Sadaki Asari, Hiroaki Yanagimoto, Hirochika Toyama, Takumi Fukumoto (The Department of Surgery, Kobe University Graduate School of Medicine, Japan)

MO44-3 Mitral and Aortic Valve Calcifications and Long-Term Survival After Liver Transplantation

Jun-Hyeop Jeong, Hye-Mee Kwon, In-Gu Jun, Jun-Gol Song, Gyu-Sam Hwang (Department of Anesthesiology and Pain Medicine, Laboratory for Cardiovascular Dynamics, Asan Medical Center, University Ulsan College of Medicine, Republic of Korea)

MO44-4 Effect of Abdominal Aortic Calcification on Postoperative Renal Function in Liver Transplantation

Ryuta Ide, Masahiro Ohira, Yuki Imaoka, Tomoaki Bekki, Koki Imaoka, Ryosuke Nakano, Hiroshi Sakai, Naoki Tanimine, Hiroyuki Tahara, Kentaro Ide, Tsuyoshi Kobayashi, Yuka Tanaka, Hideki Ohdan (Department of Gastroenterological and Transplantation Surgery, Hiroshima University, Japan)

MO44-5 Renal Dysfunction After Living-Donor Liver Transplantation in Tohoku University

Koji Miyazawa, Kazuaki Tokodai, Atsushi Fujio, Kashiwadate Toshiaki, Kengo Sasaki, Muneyuki Matsumura, Hiroki Yamana, Hiroaki Mitsugashira, Takashi Kamei, Michiaki Unno (Surgery, Tohoku University, Japan)

MO44-6 Nodular Regenerative Hyperplasia Presenting Non-Cirrhotic Portal Hypertension After Liver Transplantation: A Case Report

Masahiro Shinoda¹, Yoko Ito^{1,2}, Mina Komuta³, Takashi Ito⁴, Junko Mukoyama¹, Fumihiko Kato¹, Ayu Kato¹, Nobuhiro Nitori¹, Takashi Hatori¹, Yohei Yamada², Yasushi Hasegawa², Etsuro Hatano⁴, Yuko Kitagawa², Tatsuo Kuroda², Osamu Itano⁵ (¹ Digestive Diseases Center, International University of Health and Welfare Mita Hospital, Japan, ² Surgery, Keio University School of Medicine, Japan, ³ Pathology, International University of Health and Welfare, School of Medicine, Japan, ⁴ Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Graduate School of Medicine, Kyoto University, Japan, ⁵ Department of Hepato-Biliary-Pancreatic and Gastrointestinal Surgery, School of Medicine, International University of Health and Welfare, Japan)

Mini Oral 45

14:50 - 15:35

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Heart 2

Chair: Koichi Toda (Osaka University, Japan)

MO45-1 Heart Transplantation After Mustard Operation for Transposition of Great Arteries -Report of a Case-

Ryuichi Taketomi, Nobuki Koyama, Kentaro Yuda, Kota Itagaki, Masayuki Otani, Katsuhiro Hosoyama, Koki Ito, Yusuke Suzuki, Shintaro Katahira, Goro Takahashi, Kiichiro Kumagai, Yoshikatsu Saiki (Division of Cardiovascular Surgery, Tohoku University Graduate School of Medicine, Japan)

MO45-2 Extracorporeal Membrane Oxygenation Duration as A Bridge to Transplant: Should We Differ the Status?

Mira Fauziah Salam^{1,2}, Chuan-I Tsao³, Yih-Sharnng Chen^{4,5} (¹ National Cardiovascular Center Harapan Kita, Indonesia, ² Department of Cardiology and Vascular Medicine-Faculty of Medicine Universitas Indonesia, Jakarta, Indonesia, ³ Department of Nursing, National Taiwan University Hospital, Taipei, Taiwan, ⁴ Division of Cardiovascular Surgery, Department of Surgery, National Taiwan University Hospital, Taiwan, ⁵ College of Medicine, National Taiwan University, Taipei, Taiwan)

MO45-3 Impact of Bilirubin Level in the Result of Ventricular Assist Device Implantation: How High Can Be to Acceptable for the Outcome?

Yih-Sharnng Chen, Chuan-I Tsao, Hsun-Yi Fu, Heng-Wen Chou, Nah-Kuan Chou (National Taiwan University Hospital, Taiwan)

MO45-4 The Effect of Pre-VAD Implant Renal Function on the Post-transplant Survival in Japan

Yugo Kunibe, Masahiko Ando, Ryu Inoue, Daisuke Ishii, Hiroyuki Kaneko, Takayuki Gyoten, Hyoe Komae, Mitsutoshi Kimura, Shogo Shimada, Haruo Yamauchi, Minoru Ono (Department of Cardiac Surgery, The University of Tokyo Hospital, Japan)

MO45-5 Functional Recovery of Failing Heart by Mechanical Unloading Associated with c-Myc Expression via aPKC-FoxOs Pathway

Takuji Kawamura, Daisuke Yoshioka, Masashi Kawamura, Tetsuya Saito, Ai Kawamura, Yusuke Misumi, Koichi Toda, Shigeru Miyagawa (Department of Cardiovascular Surgery, Osaka University Graduate School of Medicine, Japan)

Mini Oral 46

14:50 - 15:35

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Covid-19 4, Other Topics 3

Chair: Nobuyuki Nakamura (Department of Urology, Fukuoka University Faculty of Medicine, Japan)

MO46-1 SARS-CoV-2 Antibody Kinetics After Second Dose of Vaccination in Solid Organ Transplant Recipients

Kohei Unagami^{1,5}, Ryoichi Imamura², Rikako Oki^{1,5}, Yoshito Tomimaru², Daisuke Nakajima³, Yuki Masano³, Takashi Ito³, Mikiko Yoshikawa⁴, Kazuya Omoto^{1,5}, Miyaji Kyakuno⁶, Tomomi Mori¹, Hidetoshi Hattori¹, Hideki Ishida¹, Shiro Takahara⁷, Hiroto Egawa¹ (¹ Tokyo Women's Medical University, Japan, ² Osaka University, Japan, ³ Kyoto University, Japan, ⁴ Kyoto Prefectural University of Medicine, Japan, ⁵ Yochomachi Clinic, Japan, ⁶ Takatsuki General Hospital, Japan, ⁷ Kansai Medical Clinic, Japan)

- MO46-2 Outcome and Effect of Vaccination in SARS-CoV-2 Omicron Infection in Kidney Transplant Recipients**
Chenghsu Chen^{1,2,3,4}, Shang-Feng Tsai^{1,2,3}, Ming-Ju Wu^{1,2} (¹ Division of Nephrology, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan, ² Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taiwan, ³ Department of Life Science, Tunghai University, Taiwan, ⁴ School of Medicine, China Medical University, Taiwan)
- MO46-3 COVID-19 in Renal Transplants; Multi-center Experience in Osaka**
Shigeaki Nakazawa^{1,2,3,4}, Shota Fukae¹, Ryo Tanaka^{1,4}, Ayumu Taniguchi¹, Kazuaki Yamanaka^{1,2,4}, Miyaji Kyakuno³, Shiro Takahara², Tomoko Namba-Hamano^{4,5}, Ryoichi Imamura^{1,2}, Norio Nonomura¹, Ryoichi Imamura^{1,2} (¹ Department of Urology, Osaka University Graduate School of Medicine, Japan, ² Kansai Medical Hospital Renal Transplantation Clinic, Japan, ³ Aijinkai Takatsuki Clinic, Japan, ⁴ Aijinkai Inoue Clinic, Japan, ⁵ Department of Nephrology, Osaka University Graduate School of Medicine, Japan)
- MO46-4 COVID-19 in Kidney Transplant Recipients and Vaccination After COVID-19 Infection**
Toyofumi Abe¹, Ryo Tanaka², Ayumu Taniguchi², Shigeaki Nakazawa², Kazuaki Yamanaka², Tomoko Namba-Hamano³, Shiro Takahara⁴, Norio Nonomura², Ryoichi Imamura² (¹ Department of Urology, Sumitomo Hospital, Japan, ² Department of Urology, Osaka University Graduate School of Medicine, Japan, ³ Department of Nephrology, Osaka University Graduate School of Medicine, Japan, ⁴ Kansai Medical Hospital, Japan)
- MO46-5 Cost Effectiveness of Kidney Transplantation in High-Immunological Risk Patients in a Japan Cohort**
Ryoichi Maenosono^{1,3}, Kohei Unagami^{1,2}, Rikako Oki^{1,2}, Yuya Fujiwara^{1,3}, Takafumi Yagisawa¹, Taichi Kanzawa¹, Toshihito Hirai¹, Kazuya Omoto¹, Haruhito Azuma³, Hideki Ishida^{1,2}, Toshio Takagi¹ (¹ Department of Urology, Tokyo Women's Medical University, Japan, ² Department of Organ Transplant Medicine, Tokyo Womens Medical University, Japan, ³ Department of Urology, Osaka Medical and Pharmaceutical University, Japan)
- MO46-6 Poor Exercise Tolerance Before Kidney Transplantation Causes Long-Term Muscle Loss**
Masaaki Yanishi, Yuya Koito, Hidefumi Kinoshita (Department of Urology and Andrology, Kansai Medical University, Japan)

Mini Oral 47

15:40 - 16:25

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Kidney 15 (Antibody Mediated Rejection 2, Risk factor)

Chair: Takaaki Kobayashi (Aichi Medical University School of Medicine, Department of Renal Transplant Surgery, Japan)

MO47-1 Desensitization of Donor-Specific Antibody-Positive Renal Transplant Patients: A Single Institution Experience

Naoki Yokoyama, Yoji Hyodo, Shun Nishioka, Takahito Endo, Takuya Fujimoto, Yuki Tashiro, Masato Fujisawa (Division of Urology, Kobe University Graduate School of Medicine, Japan)

- MO47-2** **Low-dose Rituximab Induction Therapy in Immunologic High-risk Renal Transplantation Provides Favorable Graft Outcomes Without Increasing Cytomegalovirus Infection: A 5-Year Follow-up**
Kasumi Yoshinaga¹, Takanori Sekito¹, Yuki Maruyama¹, Tomoaki Yamanoi¹, Shingo Nishimura¹, Yasuhiro Onishi², Hiroshi Morinaga², Hidemi Takeuchi², Katsuyuki Tanabe², Takuya Sadahira¹, Kohei Edamura¹, Yasuyuki Kobayashi¹, Toyohiko Watanabe¹, Jun Wada², Motoo Araki¹ (¹ Department of Urology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan, ² Department of, Nephrology, Rheumatology, Endocrinology and Metabolism, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan)
- MO47-3** **Fabry Disease Screening in High Risk Renal Disease Patients in Taiwan: A Single Center Study**
Chia Yu Shih¹, Shang Feng Tsai^{1,2}, Ming Ju Wu^{1,2,4}, Tung Min Yu¹, Cheng Hsu Chen^{1,2,3,4} (¹ Taichung Veterans General Hospital, Taiwan, ² Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taiwan, ³ Department of Life Science, Tunghai University, Taiwan, ⁴ School of Medicine, China Medical University, Taiwan)
- MO47-4** **An Autophagy-Associated Diagnostic Model for Antibody-Mediated Rejection in Renal Transplantation**
Yuxuan Wang, Yue Xu, Di Zhang, Hao Zhang, Xiaopeng Hu (Department of Urology, Beijing Chao-Yang Hospital, Capital Medical University, China)
- MO47-5** **Serum Phenylacetylglutamine Is A Risk Factor for Aortic Stiffness in Kidney Transplantation Patient**
Yen-Cheng Chen^{1,2}, Ching-Chun Ho^{1,2}, Ming-Che Lee^{3,4}, Bang-Gee Hsu^{2,5} (¹ Department of Surgery, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan, ² School of Medicine, Tzu Chi University, Taiwan, ³ Division of General Surgery, Department of Surgery, Wan Fang Hospital, Taipei Medical University, Taiwan, ⁴ Department of Surgery, School of Medicine, College of Medicine, Taipei Medical University, Taiwan, ⁵ Division of Nephrology, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan)
- MO47-6** **Incidence, Risk Factors and Clinical Outcomes of Neutropenia After Kidney Transplantation**
Yoji Hyodo, Naoki Yokoyama, Takahito Endo, Shun Nishioka, Takuya Fujimoto, Yuki Tashiro, Takeshi Ishimura, Masato Fujisawa (Department of Urology, Kobe University Graduate School of Medicine, Japan)

Mini Oral 48

15:40 - 16:25

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Kidney 16 (Pathology 1)

Chair: Tomoko Namba-Hamano (Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

MO48-1 **Affectors Related to Worse Kidney Allograft Survival in Chronic Active Antibody-Mediated Rejection**

Kazunobu Shinoda^{1,2}, Kei Sakurabayashi², Hideyo Oguchi², Taichi Arai², Kenta Nishikawa², Takashi Yonekura², Yoshihiro Itabashi², Masaki Muramatsu², Takeshi Kawamura², Seiichiro Shishido², Ken Sakai² (¹ Urology, St Marianna University School of Medicine, Japan, ² Nephrology, Toho University Faculty of Medicine, Japan)

- MO48-2** **The Effect of Steroid Pulse Therapy for the Reduction of Acute Rejection Episode in Subclinical Borderline Changes: An Open-Label, Randomized Clinical Trial**
 Eun Sung Jeong¹, Kyo Won Lee², Manuel Lim², Jaehun Yang², Ji Eun Kwon², Jae Berm Park²
 (¹ Department of Surgery, Dongguk University Ilsan Hospital, Republic of Korea, ² Department of Surgery, Samsung Medical Center, Republic of Korea)
- MO48-3** **The Protective Role of Protocol Biopsy for Allograft Kidney Maintenance in Kidney Transplantation**
 Wonil Jo¹, Okjoo Lee¹, Kyo Won Lee², JaeBerm Park², Jung Eun Lee³, Na Young Hwang⁴, Kyunga Kim⁴
 (¹ Soonchunhyang Univ. Bucheon Hospital, Surgery, Republic of Korea, ² Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea, ³ Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea, ⁴ Department of Statistics and Data, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea)
- MO48-4** **Follow-Up Outcomes of Transplanted Kidneys with Borderline Changes**
 Atsuro Sawada¹, Yuki Teramoto², Jin Kono¹, Takeshi Sano¹, Yuki Kita¹, Takashi Kobayashi¹ (¹ Department of Urology, Kyoto University, Japan, ² Department of Diagnostic Pathology, Kyoto University, Japan)
- MO48-5** **A Case of De Novo Subclinical Full-House Pattern Deposition in 1 Year Kidney Allograft Biopsy**
 Noriyuki Kounoue¹, Hideyo Oguchi¹, Yuko Hamasaki¹, Tetuo Mikami², Junya Hashimoto¹, Ayuko Zaitzu¹, Yujiro Aoki¹, Seiichiro Shishido¹, Yutaka Yamaguchi³, Ken Sakai¹ (¹ Department of Nephrology, Toho University Faculty of Medicine, Japan, ² Department of Pathology, Toho University Faculty of Medicine, Japan, ³ Yamaguchi's Pathology Laboratory, Japan)
- MO48-6** **Water Intake, Baseline Biopsy and Kidney Function After Living Donor Kidney Transplantation**
 Shigeyoshi Yamanaga¹, Yuji Hidaka¹, Chiaki Kawabata², Mariko Toyoda², Yasuhiro Yamamoto³, Akito Inadome³, Hiroshi Yokomizo¹ (¹ Department of Surgery, Japanese Red Cross Kumamoto Hospital, Japan, ² Department of Nephrology, Japanese Red Cross Kumamoto Hospital, Japan, ³ Department of Urology, Japanese Red Cross Kumamoto Hospital, Japan)

Mini Oral 49

15:40 - 16:25

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Kidney 17 (Genetic Influence)

Chair: Masashi Kato (Nagoya University Graduate School of Medicine, Japan)

- MO49-1** **Clinical Application of Genetic Testing in Pediatric Kidney Transplant Recipients with FSGS**
 Kenichiro Miura¹, Naoto Kaneko¹, Taeko Hashimoto^{1,2}, Kiyonobu Ishizuka¹, Yoko Shirai¹, Masataka Hisano³, Hiroko Chikamoto¹, Yuko Akioka^{1,4}, Shoichiro Kanda^{1,5}, Yutaka Harita⁵, Toshiyuki Yamamoto⁶, Motoshi Hattori¹ (¹ Department of Pediatric Nephrology, Tokyo Women's Medical University, Japan, ² Department of Pediatrics, Yamagata University School of Medicine, Japan, ³ Department of Nephrology, Chiba Children's Hospital, Japan, ⁴ Department of Pediatrics, Saitama Medical University, Japan, ⁵ Department of Pediatrics, the University of Tokyo, Japan, ⁶ Institute of Medical Genetics, Tokyo Women's Medical University, Japan)

- MO49-2 Prescribing Prevalence of Medications with Potential Genotype-Guided Dosing in Kidney Transplant Recipients**
Yen-Lin Chang¹, Cheng-Hsu Chen², Tzu-Hung Hsiao³, Yi-Ming Chen⁴, Ming-Fen Wu¹ (¹ Department of Pharmacy, Taichung Veterans General Hospital, Taiwan, ² Division of Nephrology, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan, ³ Department of Medical Research, Taichung Veterans General Hospital, Taiwan, ⁴ Division of Allergy, Immunology and Rheumatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan)
- MO49-3 Medication for Kidney Transplant Recipients with Familial Mediterranean Fever: A Case Series**
Hiroaki Yonishi¹, Norihiko Goto¹, Masahiko Yazawa², Yuki Nakamura³, Kenta Futamura¹, Keitaro Nishizawa¹, Yuki Hasegawa¹, Kei Tanaka¹, Manabu Okada¹, Takahisa Hiramitsu¹, Toshihiro Ichimori¹, Shunji Narumi¹, Yoshihiko Watarai¹ (¹ Department of Transplant and Endocrine Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ² Division of Nephrology and Hypertension, Department of Internal Medicine, St. Marianna University School of Medicine, Japan, ³ Department of Nephrology and Rheumatology, Iwate Prefectural Central Hospital, Japan)
- MO49-4 Association of ACTN3 Polymorphism with Sarcopenia in Kidney Transplant Recipients**
Takuya Fujimoto¹, Yuki Tashiro¹, Takahito Endo¹, Shun Nisioka¹, Naoki Yokoyama¹, Yoji Hyoudo¹, Takeshi Ishimura¹, Michiko Takahashi², Kazuhiro Yamamoto³, Ikuko Yano³, Masato Fujisawa¹ (¹ Division of Urology, Department of Surgery Related, Faculty of Medicine, Kobe University Graduate School of Medicine, Japan, ² Department of Internal Medicine Division of Diabetes and Endocrinology, Kobe University Graduate School of Medicine, Japan, ³ Department of Pharmacy, Kobe University Hospital, Japan)
- MO49-5 A Gene Signature Based on Peripheral Blood for Spontaneous Immune Tolerance in Renal Transplantation**
Di Zhang (Department of Urology, Beijing Chaoyang Hospital, China)
- MO49-6 Identification of a Six Gene Peripheral Blood Signature Diagnosing Subclinical Acute Rejection After Renal Transplantation**
Hao Zhang, Yue Xu, Yuxuan Wang, Xiaopeng Hu, Xiaodong Zhang (Department of Urology, Beijing Chao-Yang Hospital, Capital Medical University, China)

Mini Oral 50

16:30 - 17:15

Mini Oral Booth A (Central, Kyoto Sangyo Kaikan Hall)

Kidney 18 (Antibody Mediated Rejection 3, Pathology 2)

Chair: Ken Sakai (Faculty of Medicine School of Medicine (Omori), Toho University, Japan)

- MO50-1 Novel Mixed Lymphocyte Reaction Assay that Predicts Chronic Antibody Mediated Rejection in Kidney Transplant**
Naoya Iwahara, Kiyohiko Hotta, Takayuki Hirose, Nobuo Shinohara (Department of Urology, Hokkaido University Hospital, Japan)
- MO50-2 De Novo Class II Antibodies, Especially DQ, Have A Significant Impact on CAAMR and Renal Graft Loss**
Kazuki Kitajima¹, Daisuke Ishii¹, Tetsuya Abe², Yutaka Shiono¹, Fumino Noguchi³, Yuki Imura³, Yasuo Takeuchi², Kazunari Yoshida¹, Masatsugu Iwamura¹ (¹ Department of Urology, Kitasato University of School of Medicine, Japan, ² Department of Nephrology, Kitasato University of School of Medicine, Japan, ³ Transplant Support Office, Kitasato University Hospital, Japan)

- MO50-3 Clinical Impacts of Allograft Biopsy in Recipients with Transplantation Vintage Greater than Ten Years**
Tomoko Namba-Hamano¹, Takayuki Hamano^{1,2}, Shota Fukae³, Ryo Tanaka³, Ayumu Taniguchi³, Shigeaki Nakazawa³, Kazuaki Yamanaka³, Miyaji Kyakuno⁴, Ryoichi Imamura³, Norio Nonomura³, Yoshitaka Isaka¹ (¹ Department of Nephrology, Osaka University Graduate School of Medicine, Japan, ² Department of Nephrology Nagoya City University Graduate School of Medical Sciences, Japan, ³ Department of Urology, Osaka University Graduate School of Medicine, Japan, ⁴ Department of Kidney Transplantation, Takatsuki General Hospital, Japan)
- MO50-4 Effects of Treating Subclinical Rejection 2 Wks After KT, As Determined by 1 Yr Histologic Outcomes**
Okjoo Lee¹, Kyo Won Lee², Jae Berm Park², Jung Eun Lee³, Ghee Young Kwon⁴, Na Young Hwang⁵, Kyunga Kim⁵ (¹ Department of Surgery, Soonchunhyang University Bucheon Hospital, Soonchunhyang University College of Medicine, Republic of Korea, ² Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea, ³ Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea, ⁴ Department of Pathology and Translational Genomics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea, ⁵ Statistics and Data Center, Research Institute for Future Medicine, Samsung Medical Center, Republic of Korea)
- MO50-5 Can Urine Sediment Substitute for Urine Cytology in Predicting BKVN in Renal Transplant Recipients?**
Takanori Sekito¹, Motoo Araki¹, Kasumi Yoshinaga¹, Tomoaki Yamanoi¹, Yuki Maruyama¹, Takuya Sadahira¹, Shingo Nishimura¹, Kohei Edamura¹, Yasuyuki Kobayashi¹, Katsuyuki Tanabe², Hidemi Takeuchi², Hiroshi Morinaga², Jun Wada², Hiroyuki Yanai³ (¹ Urology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science, Japan, ² Nephrology, Rheumatology, Endocrinology and Metabolism, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Japan, ³ Department of Pathology, Okayama University Hospital, Japan)
- MO50-6 Comparison of Urinary Liver Fatty Acid Binding Protein and Pathological Biopsy Findings at 1 Year After Kidney Transplantation**
Jun-ichi Teranishi¹, Daiji Takamoto¹, Hiroaki Ishida¹, Takashi Kawahara¹, Hiroji Uemura¹, Kazuhide Makiyama² (¹ Department of Urology and Renal Transplantation, Yokohama City University Medical Center, Japan, ² Department of Urology, Yokohama City University, Japan)

Mini Oral 51

16:30 - 17:15

Mini Oral Booth B (Central, Kyoto Sangyo Kaikan Hall)

Kidney 19 (ABO-Incompatible, Hypogammaglobulinemia)

Chair: Naotake Akutsu (Department of Clinical Research, National Hospital Organization Chibahigashi National Hospital, Japan)

MO51-1 Eculizumab Was Effective for TMA After ABO-i Living-Donor Kidney Transplantation: Case Report

Yuki Hasegawa, Kei Tanaka, Hiroaki Yonishi, Keitaro Nishizawa, Kenta Futamura, Manabu Okada, Takahisa Hiramitsu, Norihiko Goto, Shunji Narumi, Yoshihiko Watarai (Japan Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

- MO51-2** **Ideal Dose of Rituximab in ABO-Incompatible Kidney Transplantation with Low Anti-A/B Antibody Titrers**
Manabu Okada¹, Sunji Narumi¹, Norihiko Goto¹, Takahisa Hiramitsu¹, Kenta Futamura¹, Yuki Hasegawa¹, Keitaro Nishizawa¹, Hiroaki Yonishi¹, Kei Tanaka¹, Takaaki Kobayashi², Kazuharu Uchida³, Makoto Tsujita³, Asami Takeda⁴, Toshihiro Ichimori¹, Yoshihiro Watarai¹ (¹ Department of Transplant and Endocrine Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ² Department of Renal Transplant Surgery, Aichi Medical University School of Medicine, Japan, ³ Department of Renal Transplant Surgery, Masuko Memorial Hospital, Japan, ⁴ Department of Nephrology, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)
- MO51-3** **Short-Term Outcome of ABO Incompatible Kidney Transplantation in Elderly End-Stage Kidney Disease Patients**
Naoki Nagasaka, Masashi Inui, Yu Kijima, Eri Sekido, Kaori Yamashita (Tokyo Women's Medical University Yachiyo Medical Center, Japan)
- MO51-4** **Outcomes of ABO-Compatible Living Kidney Transplantation Recipients with Low Immunological Risk**
Yuya Fujiwara¹, Kohei Unagami², Ryoichi Maenosono¹, Rikako Oki², Taro Banno³, Taichi Kanzawa³, Takafumi Yagisawa³, Toshihito Hirai³, Omoto Kazuya³, Toshio Takagi³, Haruhito Azuma¹, Hideki Ishida³ (¹ Department of Urology, Osaka Medical and Pharmaceutical University, Japan, ² Department of Organ Transplant Medicine, Tokyo Women's Medical University, Japan, ³ Department of Urology, Tokyo Women's Medical University, Japan)
- MO51-5** **Acute Antibody-Mediated Rejection After Massive Plasma Transfusion in ABO Incompatible Kidney Transplant Recipient – Difficult Decisions Regarding Plasma Selection Must Be Made When Massive Hemorrhage Occurs After ABO Incompatible Renal Transplantation**
Yusuke Yamada¹, Michio Nojima¹, Shigeo Hara², Mutsushi Kawakita³, Yuta Mine³, Akihiro Kanematsu¹, Shingo Yamamoto¹ (¹ Kidney Transplant Center and Department of Urology, Hyogo Medical University, Japan, ² Department of Pathology, Kobe City Medical Center General Hospital, Japan, ³ Department of Urology, Kobe City Medical Center General Hospital, Japan)
- MO51-6** **The Time Dependent Changes in Serum Immunoglobulin Levels and Risk Factors of Hypogammaglobulinemia After Kidney Transplantation**
EunAh Jo¹, Sangil Min¹, Ahram Han¹, Jongwon Ha¹, Hye Young Woo¹, Ara Cho¹, Eun Young Song², Hajeong Lee³, Yong Chul Kim³ (¹ Department of Surgery, Seoul National University College of Medicine, Republic of Korea, ² Department of Laboratory Medicine, Seoul National University College of Medicine, Republic of Korea, ³ Department of Nephrology, Seoul National University College of Medicine, Republic of Korea)

Mini Oral 52

16:30 - 17:05

Mini Oral Booth C (Central, Kyoto Sangyo Kaikan Hall)

Kidney 20 (Immunosuppression)

Chair: Shunji Narumi (Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

- MO52-1** **A Case of Short-Term Use of rATG for Acute TCMR After Donated Kidney Transplantation**
Keitaro Nishizawa¹, Kenta Futamura¹, Yuki Hasegawa¹, Kei Tanaka¹, Hiroaki Yonishi¹, Manabu Okada¹, Takahisa Hiramitsu¹, Norihiko Goto¹, Toshihiro Ichimori¹, Shunji Narumi¹, Asami Takeda², Yoshihiro Watarai¹ (¹ Department of Transplant and Endocrine Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ² Department of Nephrology, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

M052-2 **Withdrawn**

M052-3 **A RCT on Early Conversion to Low-dose Calcineurin Inhibitor Combined with Sirolimus in Renal Transplantation Patients**

Xiang Zheng, Wei Wang, Xiaodong Zhang (*Department of Urology, Beijing Chaoyang Hospital Affiliated Capital Medical University, China*)

M052-4 **Long Term Outcomes of Low Dose r-ATG and Basiliximab Induction in Kidney Transplantation from ECD**

Sunghae Park, Jieun Kwon, Jaehun Yang, Sang Oh Yun, Namkee Oh, Sunghyo An, Sung Jun Jo, Seung Wook Han, Jae-Berm Park, Kyo Won Lee (*Samsung Medical Center, Republic of Korea*)

M052-5 **Immune Status of Kidney Transplantation Patients Receiving Everolimus with Low-Dose Ciclosporin**

Asuka Tanaka, Kentaro Ide, Yuka Tanaka, Masahiro Ohira, Hiroyuki Tahara, Hideki Ohdan (*Department of Gastroenterological and Transplant Surgery, Hiroshima University, Japan*)