

November 25 (Fri), 2022

Mini Oral 1

09:00 - 09:35

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

Lung 1

Chair: Yasushi Shintani (Department of General Thoracic Surgery, Osaka University Graduate School of Medicine, Japan)

MO01-1 A Case of Cadaveric Lung Transplantation from a Donor after COVID-19 Infection

Ryoichiro Doi¹, Keitaro Matsumoto¹, Takeshi Tanaka², Koichi Tomoshige¹, Ryusuke Machino¹, Tomohiro Obata¹, Satoshi Mizoguchi¹, Takaaki Nakatsukasa¹, Takamune Matsumoto¹, Hiromi Ichikawa¹, Ayumi Tsuji³, Koichi Izumikawa², Takeshi Nagayasu¹ (¹ Surgical Oncology, Nagasaki University Graduate School of Biomedical Sciences, Japan, ² Infection Control and Education Center, Nagasaki University Hospital, Japan, ³ Transplant Coordinator, Nagasaki University Hospital, Japan)

MO01-2 A Case of Successful Single Lung Transplantation After Open Window Thoracotomy for Empyema

Kazunori Ueda¹, Tatsuaki Watanabe¹, Masahiro Ui¹, Ken Onodera¹, Yui Watanabe¹, Takashi Hiramata¹, Takaya Suzuki¹, Hirotsugu Notsuda¹, Hisashi Oishi¹, Hiromichi Niikawa¹, Yasushi Matsuda², Masafumi Noda¹, Yasushi Hoshikawa², Yoshinori Okada¹ (¹ Department of Thoracic Surgery, Institute of Development, Aging and Cancer, Tohoku University, Japan, ² Department of Thoracic Surgery, Fujita Health University, Japan)

MO01-3 Inverted (Rotated) Single Lung Transplantation from Cadaveric Donor

Masayuki Chida, Sumiko Maeda, Takahiro Nakajima, Osamu Araki, Takashi Inoue, Shota Umeda, Takehito Aruga (Dept. General Thoracic Surgery, Dokkyo Medical University, Japan)

MO01-4 The Effect of anti-CD20 Antibody on Antibody-Mediated Rejection in Murine Orthotopic Lung Transplantation

Hiroki Matsumoto¹, Hidemi Suzuki¹, Takahiro Yamanaka¹, Kai Nishii¹, Hodaka Oeda¹, Yuki Ito¹, Taisuke Kaiho¹, Atsushi Hata¹, Terunaga Inage¹, Takamasa Ito¹, Kazuhisa Tanaka¹, Yuichi Sakairi¹, Shinichiro Motohashi², Ichiro Yoshino¹ (¹ Departments of General Thoracic Surgery, Chiba University Graduate School of Medicine, Japan, ² Departments of Medical Immunology, Chiba University Graduate School of Medicine, Japan)

MO01-5 Therapeutic Efficacy of Adipose-Derived Stem Cells in Ischemia-Reperfusion Lung Injury

Yudai Miyashita, Takashi Kanou, Eriko Fukui, Toru Kimura, Naoko Ose, Souichiro Funaki, Yasushi Shintani (Department of General Thoracic Surgery, Osaka University Graduate School of Medicine, Japan)

Mini Oral 2

09:00 - 09:45

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

Transplant Infectious Diseases 1

Chair: Masashi Inui (Tokyo Women's Medical University Yachiyo Medical Center, Japan)

MO02-1 Acquisition of Antibody Against Cytomegalovirus in Seronegative Kidney Transplant Recipients

Shoko Ishikawa, Masayuki Tasaki, Kazuhide Saito, Masahiro Ikeda, Yoshihiko Tomita (Department of Urology, Niigata University Graduate School of Medical and Dental Sciences, Japan)

- MO02-2 Long-Term Outcomes of Kidney Transplantation after Cryptococcal Infection**
Yu Nong Kao¹, Tung-Min Yu², Shang-Feng Tsai^{2,3}, Ming-Ju Wu^{2,3,5}, Cheng-Hsu Chen^{2,3,4,5} (¹ Department of Internal Medicine, Taichung Veterans General Hospital, 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, China Medical University, Taiwan)
- MO02-3 Incidence and Outcome of Herpes Zoster in Kidney Transplant Recipients**
Mariko Toyoda¹, Chiaki Kawabata¹, Toshinori Ishizuka¹, Satoshi Hamanoue¹, Yuji Hidaka², Shigeyoshi Yamanaga², Yasuhiro Yamamoto³, Akito Inadome³ (¹ Nephrology, Japanese Red Cross Kumamoto Hospital, Japan, ² General Surgery, Japanese Red Cross Kumamoto Hospital, Japan, ³ Urology, Japanese Red Cross Kumamoto Hospital, Japan)
- MO02-4 Strategy Against Latent Tuberculosis Infection in Recipients of Living Donor Kidney Transplantation**
Akira Kondo¹, Kazuki Haruguchi¹, Takeshi Hachisuka¹, Kazuhiro Iwado², Tomonori Kawase¹, Akihito Sannomiya¹, Ichiro Koyama¹, Ichiro Nakajima¹ (¹ Department of Kidney Surgery, Organ transplant Center, Itabashi Central General Hospital, Japan, ² Department of Blood Purification, Tokyo Womens Medical University, Japan)
- MO02-5 Kidney Transplantation Associated with HTLV1 Carriers: A Single-Center Clinical Experience from Japan**
Yasutoshi Yamada¹, Akihiko Mitsuke¹, Takashi Sakaguchi¹, Jyunya Arima¹, Masato Minami², Hiroshi Yoshino¹, Hiroaki Nishimura¹, Shuichi Tatarano¹, Hideki Enokida¹ (¹ Department of Urology, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan, ² Department of Digestive and Lifestyle Diseases, Graduate School of Medical and Dental Sciences, Kagoshima University, Japan)
- MO02-6 RBBP7 as A Novel Biomarker for the Molecular Diagnosis of BK Virus-Associated Nephropathy**
Yicun Wang, Yuxuan Wang, Xiaopeng Hu, Xiaodong Zhang (Department of Urology, Beijing Chaoyang Hospital, Capital Medical University, China)

Mini Oral 3

09:00 - 09:49

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

Organ Donation

Chair: Kenji Yuzawa (National Hospital Organization Mito Medical Center, Japan)

- MO03-1 Impact of Carbon Monoxide on Ischemia Reperfusion Injury in an Ex Vivo Porcine Model of Donation After Circulatory Death**
Rabindra Bhattacharjee, George Dugbartey, Mahms Richard-Mohamed, Alp Sener, Patrick Luke (Dept. of Surgery, Urology Division, Schulich School of Medicine and Dentistry, Western University, Canada)
- MO03-2 The Influence of Prolonged Cold Ischemic Time on Acute Cellular Rejection After Heart Transplantation**
Yong Yang, Takayuki Gyoten, Eisuke Amiya, Masaki Tsuji, Mitsutoshi Kimura, Masaru Hatano, Minoru Ono (The University of Tokyo, Japan)

MO03-3 Current Religious Beliefs Do Not Explain the Low Rates of Organ Transplantation in Thailand

Jenna C Marek¹, Tanattida Phanthong³, Taas Sribhibhadh³, Lucian Lozonschi², Chaleramchai Komaenthamsophon⁴, Preut Assawaworrit⁴ (¹ Department of Medical Education, USF Health Morsani College of Medicine, USA, ² Division of Cardiothoracic Surgery, USF Health Morsani College of Medicine, USA, ³ Department of Medical Education International Program, Chulalongkorn University, Thailand, ⁴ Division of Critical Care Medicine, King Chulalongkorn Memorial Hospital, The Thai Red Cross Society, Thailand)

MO03-4 AI Model of Kidney Cortex Volume for Incorporation into Routine Donor Evaluation

EunAh Jo¹, Yunyoung Jang², Sangil Min¹, Yong Chul Kim², Jaehee Chun^{3,4,5}, Seonggong Moon^{3,4}, Jin Sung Kim^{3,4,5}, Ahram Han¹, Jongwon Ha¹, Hye Young Woo¹, Ara Cho¹ (¹ Department of Surgery, Seoul National University College of Medicine, Republic of Korea, ² Department of Nephrology, Seoul National University College of Medicine, Seoul, Republic of Korea, ³ OncoSoft Inc., Seoul, Republic of Korea, ⁴ Department of Radiation Oncology, Yonsei Cancer Center Severance Hospital, Seoul, Republic of Korea, ⁵ Department of Radiation Oncology, Yonsei University College of Medicine, Seoul, Republic of Korea)

MO03-5 Pure Laparoscopic Donor Hepatectomy Reduces Postoperative Analgesic Use and Pain Scale

Hiromichi Sato, Kazuki Sasaki, Yoshifumi Iwagami, Daisaku Yamada, Yoshito Tomimaru, Takehiro Noda, Hidenori Takahashi, Shogo Kobayashi, Yuichiro Doki, Hidetoshi Eguchi (Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Japan)

MO03-6 Clinical Significance of the Living Kidney Donor Profile Index in Living Kidney Donors for Predicting of Post-Transplant Long Term Outcome: Korean Organ Transplantation Registry

Jong Ho Kim¹, Sang Ho Lee¹, Jin Sug Kim¹, Hyeon Seok Hwang¹, Hyunmin Ko², Cheol-Woong Jung³, Deok Gie Kim⁴, Yeong Hoon Kim⁵, Jaeseok Yang⁶, Curie Ahn⁷, Kyung Hwan Jeong¹ (¹ Department of Nephrology, College of Medicine, Kyung Hee University, Seoul, Republic of Korea, ² Department of Surgery, College of Medicine, Kyung Hee University, Seoul, Republic of Korea, ³ Department of Transplantation and Vascular Surgery, Korea University Anam Hospital, Republic of Korea, ⁴ Department of Surgery, Yonsei University Wonju College of Medicine, Wonju Severance Christian Hospital, Republic of Korea, ⁵ Department of Internal Medicine, Inje University Busan Paik Hospital, Republic of Korea, ⁶ Department of Surgery, Seoul National University Hospital, Republic of Korea, ⁷ Department of Nephrology, Seoul National University Hospital, Republic of Korea)

MO03-7 Longitudinal Mortality Risks and Renal Functional Outcomes in Japanese Living Kidney Donors

Takayuki Hirose¹, Kiyohiko Hotta¹, Takahiro Osawa¹, Isao Yokota², Tasuku Inao², Tatsu Tanabe¹, Naoya Iwahara¹, Nobuo Shinohara¹ (¹ Department of Urology, Hokkaido University Hospital, Japan, ² Department of Biostatistics, Graduate School of Medicine, Hokkaido University, Japan)

Mini Oral 4

09:50 - 10:25

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

Lung 2

Chair: Takashi Kanou (*Department of General Thoracic Surgery, Osaka University Graduate School of Medicine, Japan*)

MO04-1 Donor's Long-Term Quality of Life in Living-Donor Lobar Lung Transplantation

Kento Fujii¹, Shin Tanaka¹, Megumi Ishihara¹, Kei Matsubara¹, Kohei Hashimoto¹, Kazuhiko Shien¹, Ken Suzawa¹, Kentaro Miyoshi¹, Shinji Otani², Hiromasa Yamamoto¹, Mikio Okazaki¹, Seiichiro Sugimoto¹, Masaomi Yamane³, Shinichi Toyooka¹ (¹ *Department of General Thoracic Surgery and Organ Transplant Center, Okayama University Hospital, Japan*, ² *Department of Cardiovascular and Thoracic Surgery, Ehime University Hospital, Japan*, ³ *Thoracic Surgery, Shimane University Hospital, Japan*)

MO04-2 Outcomes of Lung Re-Transplantation

Akihiro Ohsumi, Satona Tanaka, Yoshito Yamada, Yojiro Yutaka, Daisuke Nakajima, Hiroshi Date (*Department of Thoracic Surgery, Kyoto University Hospital, Japan*)

MO04-3 Prognostic Factors in Patients with Pulmonary Arterial Hypertension Referred for Lung Transplantation

Satoshi Ishii¹, Shun Minatsuki¹, Masaru Hatano^{1,2}, Akihito Saito¹, Hiroki Yagi¹, Mai Shimbo^{1,3}, Katsura Soma¹, Takayuki Fujiwara^{1,3}, Hidetaka Itoh¹, Chihiro Konoeda⁴, Masaaki Sato⁴, Norifumi Takeda¹, Masao Daimon^{1,5}, Jun Nakajima⁴, Issei Komuro¹ (¹ *Department of Cardiovascular Medicine, The University of Tokyo Hospital, Japan*, ² *Department of Advanced Medical Center for Heart Failure, The University of Tokyo Hospital, Japan*, ³ *Department of Computational Diagnostic Radiology and Preventive Medicine, The University of Tokyo Hospital, Japan*, ⁴ *Department of Thoracic Surgery, The University of Tokyo Hospital, Japan*, ⁵ *Department of Clinical Laboratory, The University of Tokyo Hospital, Japan*)

MO04-4 Psoas Muscle Index Associated with the Survival of Patients on a Waiting List for Lung Transplantation

Yuuki Matsui, Takashi Kanou, Eriko Fukui, Toru Kimura, Naoko Ose, Soichiro Funaki, Yasushi Shintani (*Department of General Thoracic Surgery, Graduate School of Medicine, Osaka University, Japan*)

MO04-5 The Significance of Non-HLA Autoantibodies in Lung Transplantation

Won Young Heo¹, Mi Jeong Jeong¹, Kyeongman Jeon^{2,3}, Yong Soo Choi⁴, Eun-Suk Kang¹ (¹ *Department of Laboratory Medicine and Genetics, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea*, ² *Department of Critical Care Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea*, ³ *Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea*, ⁴ *Department of Thoracic Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Republic of Korea*)

Mini Oral 5

09:50 - 10:35

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

Transplant Infectious Diseases 2

Chair: Michio Nojima (Department of Urology, Hyogo College of Medicine, Japan)

MO05-1 Evaluation of Cases of Cytomegalovirus Infection After Renal Transplantation at Our Department

Shuhei Nozaki¹, Toshihito Hirai¹, Chika Nagahisa¹, Taro Banno¹, Rikako Oki¹, Ryoichi Maenosono¹, Shinsuke Mizoguchi¹, Takafumi Yagisawa¹, Taichi Kanzawa¹, Kohei Unagami^{1,2}, Kazuya Omoto¹, Hideki Ishida^{1,2} (¹ Department of Urology, Tokyo Women's Medical University, Japan, ² Department of Organ Transplant Medicine, Tokyo Women's Medical University, Japan)

MO05-2 Tuberculosis After Solid Organ Transplantation: A Nationwide Population-Based Study in Taiwan

Mei-Yi Wu^{1,2,3}, Ying Chun Chen¹, Chia-Hung Lai⁴, Shao-Yuan Chuang⁴, Mai-Szu Wu^{1,2,3,5} (¹ Division of Nephrology, Department of Internal Medicine, Taipei Medical University-Shuang Ho Hospital, Taiwan, ² Division of Nephrology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taiwan, ³ TMU Research Center of Urology and Kidney, Taipei Medical University, Taiwan, ⁴ Public Health Sciences Institute, National Health Research Institutes, Taiwan, ⁵ Graduate Institute of Clinical Medicine, College of Medicine, Taipei Medical University, Taiwan)

MO05-3 A Case of EBV-Associated Malignant Lymphoma with Acute Exacerbation After Living Donor Liver Transplantation Without Preoperative Diagnosis

Masahiko Honjo, Kohei Ogawa, Kyosei Sogabe, Chihiro Ito, Miku Iwata, Akimasa Sakamoto, Takashi Matsui, Yusuke Nishi, Mikiya Shine, Mio Uraoka, Tomoyuki Nagaoka, Kei Tamura, Katsunori Sakamoto, Naotake Funamizu, Yasutsugu Takada (Hepato-Biliary-Pancreatic and Breast Surgery, Ehime University Graduate School of Medicine, Japan)

MO05-4 Whole Blood Polymerase Chain Reaction Is the Most Sensitive Method for Cytomegalovirus Monitoring After Pediatric Liver Transplantation in Japan

Lily Tsuyuki^{1,2}, Masaki Yamada¹, Kei Sakamoto¹, Akinari Fukuda¹, Seisuke Sakamoto¹, Shuichi Ito², Ken-ichi Imadome¹, Mureo Kasahara¹ (¹ National Center for Child Health and Development, Japan, ² School of Medicine, Yokohama City University, Japan)

MO05-5 Donor-Derived Infection's Prevention and Control in Kidney Transplantation

Xin Zhang^{1,2}, Hui Shan^{1,2}, Min Zhang^{1,2}, Hui Yang³, Li Gu⁴, Zixin Mi⁵, Xuezhu Wang⁵, Yaping Wang⁵, Ziren Tang⁶, Hui Shan^{1,2}, Xiaodong Zhang^{1,2}, Xiaopeng Hu^{1,2} (¹ Department of Urology, Beijing Chao-Yang Hospital, Capital Medical University, China, ² Institute of Urology, Capital Medical University, China, ³ Department of Pharmaceuticals, Beijing Chao-Yang Hospital, Capital Medical University, China, ⁴ Department of Infectious Disease, Beijing Chao-Yang Hospital, Capital Medical University, China, ⁵ Department of Organ Procurement Organizations Office, Beijing Chao-Yang Hospital, Capital Medical University, China, ⁶ Department of Emergency, Beijing Chao-Yang Hospital, Capital Medical University, China)

MO05-6 Analysis of the Alleviation of BK Polyomavirus Infection by Everolimus *in Vitro*

Noriaki Sato¹, Atsuko Shiraki¹, Keita P. Mori^{1,2}, Kaoru Sakai¹, Long Tan³, Yoshinori Takemura⁴, Yasushi Okuno¹, Kazunari Tanabe⁵, Kimiyasu Shiraki⁶ (¹ Kyoto University, Japan, ² Kitano Hospital, Japan, ³ Guangzhou Medical University, China, ⁴ Toyama University Hospital, Japan, ⁵ Tokyo Women's Medical University, Japan, ⁶ Senri Kinran University, Japan)

Mini Oral 6

09:50 - 10:35

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

Education, Other topics1

Chair: Kenji Yuzawa (National Hospital Organization Mito Medical Center, Japan)

MO06-1 Results of a Survey on the Delivery of Organ Transplantation Lessons in Moral Education for all Junior High Schools

Yoko Uryuhara (Faculty of Commerce, Doshisha University, Japan)

MO06-2 A Heterozygous LAMA5 Variant May Contribute to Slowly Progressive, Vinculin-Enhanced Familial Nephropathy with FSGS and Pulmonary Defects

Jun-Ya Kaimori^{1,2}, Koki Hattori², Yuta Asahina², Sachio Kajimoto², Yohei Doi², Tatsufumi Oka², Yusuke Sakaguchi², Yoshitaka Isaka² (¹ Department of Inter-Organ Communication Research in Kidney Diseases, Osaka University Graduate School of Medicine, Japan, ² Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

MO06-3 Cyclosporine A treatment of Proteinuria in a New Case of MAFB-Associated Glomerulopathy Without Extra-Renal Involvement

Jun-Ya Kaimori^{1,2}, Koki Hattori², Yuta Asahina², Sachio Kajimoto², Yohei Doi², Tatsufumi Oka², Yusuke Sakaguchi^{1,2}, Yoshitaka Isaka² (¹ Department of Inter-Organ Communication Research in Kidney Diseases, Osaka University Graduate School of Medicine, Japan, ² Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

MO06-4 Malignancy After Solid Organ Transplantation: A Nationwide Population-based Study in Taiwan

Mei-Yi Wu^{1,2,3}, Ying Chun Chen¹, Chia-Hung Lai⁴, Shao-Yuan Chuang⁴, Mai-Szu Wu^{1,2,3,5} (¹ Division of Nephrology, Department of Internal Medicine, Taipei Medical University-Shuang Ho Hospital, Taiwan, ² Division of Nephrology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taiwan, ³ TMU Research Center of Urology and Kidney, Taipei Medical University, Taiwan, ⁴ Public Health Sciences Institute, National Health Research Institutes, Taiwan, ⁵ Graduate Institute of Clinical Medicine, College of Medicine, Taipei Medical University, Taiwan)

Mini Oral 7

10:40 - 11:25

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

Liver 1 (Pretransplant Management)

Chair: Nobuhisa Akamatsu (Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, The University of Tokyo, Japan)

MO07-1 Preoperative Management Strategy for Massive Hydrothorax in Living Donor Liver Transplantation

Tomohiko Taniai, Koichiro Haruki, Kenei Furukawa, 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, Tokyo, Japan)

MO07-2 The Effect of Pretreatment with Rifaximin on Outcomes After Liver Transplantation

Shoichi Kageyama, Shinya Okumura, Yuki Masano, Yoichiro Uchida, Takashi Ito, Koichiro Hata, Etsuro Hatano (Department of Surgery, Kyoto University, Japan)

- MO07-3** **Withdrawn**
- MO07-4** **Outcome of Living Donor Liver Transplantation for High MELD Score Recipients**
Daijiro Matoba, Takehiro Noda, Shogo Kobayashi, Kazuki Sasaki, Yoshifumi Iwagami, Daisaku Yamada, Yoshito Tomimaru, Hidenori Takahashi, Yuichiro Doki, Hidetoshi Eguchi (*Gastroenterological Surgery, Osaka University, Japan*)
- MO07-5** **Case Report of a Patient Who Received a LDLT After Achieving Remission from DLBCL**
Koichi Tomita, Itsuki Koganezawa, Masashi Nakagawa, Kei Yokozuka, Shigeto Ochiai, Toshimichi Kobayashi, Toru Sano, Satoshi Tabuchi, Naokazu Chiba, Eiji Hidaka, Shigeyuki Kawachi (*Department of Digestive and Transplantation Surgery, Tokyo Medical University Hachioji Medical Center, Japan*)
- MO07-6** **A Case of Liver Transplantation for Liver Cirrhosis with Pulmonary Mycobacterium Avium Complex Disease**
Takuya Harada¹, Masaaki Watanabe², Tsuyoshi Shimamura³, Ryoichi Goto¹, Norio Kawamura², Takuji Ota¹, Akinobu Taketomi¹ (¹ *Department of Gastroenterological Surgery I, Hokkaido University Graduate School of Medicine, Japan*, ² *Department of Transplant Surgery, Hokkaido University Graduate School of Medicine, Japan*, ³ *Division of Organ Transplantation, Hokkaido University Hospital, Japan*)

Mini Oral 8

10:40 - 11:25

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

Kidney 1 (Renal Function 1)

Chair: Jun-Ya Kaimori (*Osaka University Graduate School of Medicine, Japan*)

- MO08-1** **The Resistive Index by Doppler Ultrasonography as a Predictor of the Long-Term Outcomes After Kidney Transplantation**
Yuji Hidaka¹, Shigeyoshi Yamanaga¹, Chiaki Kawabata², Mariko Toyoda², Yasuhiro Yamamoto³, Akito Inadome³, Hiroshi Yokomizo¹ (¹ *General Surgery, Japanese Red Cross Kumamoto Hospital, Japan*, ² *Nephrology, Japanese Red Cross Kumamoto Hospital, Japan*, ³ *Urology, Japanese Red Cross Kumamoto Hospital, Japan*)
- MO08-2** **Comparing the Different Definition of Delayed Graft Function After Renal Transplantation**
Yun-Ren Li, Kuan-Lin Liu, Kuo-Jen Lin, Chih-Te Lin, Pai-Yen Pan, Yang-Jen Chiang, Sheng-Hsien Chu, Hsu-Han Wang (*Department of Urology, Chang-Gung Memorial Hospital, Taoyuan, Taiwan*)
- MO08-3** **Comprehensive Analysis of Donor Factors Which Impact on Graft Survival or Overall Survival in Living Kidney Transplantation: Single Study in Japan**
Mitsuru Tomizawa, Shunta Hori, Nobutaka Nishimura, Chihiro Omori, Yasushi Nakai, Makito Miyake, Tatsuo Yoneda, Kiyohide Fujimoto (*Department of Urology, Nara Medical University, Japan*)
- MO08-4** **Effect of the Chinese New Year on Renal Function Among Patients with Kidney Transplant: A Retrospective Cohort Study**
Ying-Hao Hsu, Jen-Hsuan Wu, Sheng-Hsien Chu, Yang-Jen Chiang, Kuan-Lin Liu, Kuo-Jen Lin, Pai-Yen Pan, Yun-Ren Li, Chin-Yi Hsieh, Jui-chung Wang, Hsu-Han Wang (*Urology, Chang Gung Memorial Hospital Linkou, Taiwan*)

MO08-5 Usefulness of 3DCT Volumetry in Evaluation of Split Renal Function of Living Kidney Donors

Tomoaki Iwai¹, Kazuya Kabei¹, Yudai Matsuoka¹, Akihiro Kosoku², Keiko Maeda¹, Yuichi Machida¹, Toshihide Naganuma¹, Norihiko Kumada³, Yoshiaki Takemoto¹, Junji Uchida¹ (¹ Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Department of Urology, Meijibashi Hospital, Japan, ³ Department of Urology, Suita Municipal Hospital, Japan)

MO08-6 An Original Risk Index for Deceased Donor Kidney Transplantation in Japan: The Japanese Kidney Donor Risk Index

Juntaro Ashikari¹, Hitomi Sasaki², Kazuhiro Nose³, Makiko Mieno⁴, Shinichi Nishi⁵ (¹ Medical Information Headquarters, Japan Organ Transplant Network, Japan, ² Department of Urology, Fujita Health University, Japan, ³ Department of Urology, Kindai University Hospital, Japan, ⁴ Center for Information, Jichi Medical University, Japan, ⁵ Division of Nephrology and Kidney Center, Kobe University Graduate School of Medicine, Japan)

Mini Oral 9

10:40 - 11:25

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

Kidney 2 (Surgical Technique 1)

Chair: Yoichi Kakuta (Department of Urology, Osaka General Medical Center, Japan)

MO09-1 Upside-Down Kidney Transplantation in a Recipient with Severe Arteriosclerosis

Teppei Wakita, Koichi Tsutahara, Airi Miki, Yuki Horibe, Masaru Tani, Yoichi Kakuta, Tetsuya Takao (Urology, Osaka General Medical Center, Japan)

MO09-2 Risk Factors of Recurrent Vesicoureteral Reflux in Post Renal Transplantation Vesicoureteral Reflux Defflux Treatment

Chung Lin Lee, Hsu-Han Wang, Pai-Yen Pan, Wei-Feng Ding, Ta-Min Wang, Sheng-Hsie Chu, Hsiao-Wen Chen, Yang-Jen Chiang, Kuan-Lin Liu, Kuo-Jen Lin (Urology, Linkou Chang-Gung Memorial Hospital, Taiwan)

MO09-3 Experience with Surgical Treatment of Allograft Lithiasis in Kidney Transplant Patients

Tomoaki Iwai¹, Kazuya Kabei¹, Yudai Matsuoka¹, Akihiro Kosoku², Keiko Maeda¹, Yuichi Machida¹, Toshihide Naganuma¹, Norihiko Kumada³, Yoshiaki Takemoto¹, Junji Uchida¹ (¹ Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Department of Urology, Meijibashi Hospital, Japan, ³ Department of Urology, Suita Municipal Hospital, Japan)

MO09-4 Choice of Renal Arterial Anastomotic Methods in Kidney Allografts with Multiple Renal Arteries Does not Affect the Recovery Rate of Renal Plasma Flow After Kidney Transplantation

Kenta Nishikawa¹, Kazunobu Shinoda², Takashi Yonekura¹, Maho Maeda¹, Kei Sakurabayashi¹, Yujiro Aoki¹, Yoshihiro Itabashi¹, Masaki Muramatsu¹, Takeshi Kawamura¹, Ken Sakai¹, Seiichiro Shishido¹ (¹ Nephrology, Toho University Faculty of Medicine, Japan, ² Urology, St Marianna University School of Medicine, Japan)

MO09-5 A Case of Bariatric Surgery for a Diabetic Kidney Transplant Recipient

Kazuya Kabei¹, Tomoaki Iwai¹, Yuichi Machida¹, Toshihide Naganuma¹, Keiko Maeda¹, Norihiko Kumada², Kenji Hamazaki³, Koji Masumoto³, Masashi Takemura⁴, Junji Uchida¹ (¹ Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Urology, Suita Municipal Hospital, Japan, ³ Internal Medicine, Minami Osaka Hospital, Japan, ⁴ Surgery, Minami Osaka Hospital, Japan)

MO09-6 Renal Transplantation After Thoracic Endovascular Repair of Type B

Kiyoshi Setoguchi, Tadahiko Tokumoto, Kazutaka Saito (*Department of Urology, Dokkyo Medical University Saitama Medical Center, Japan*)

Mini Oral 10

11:30 - 12:15

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

Liver 2 (Pediatric)

Chair: Yasuhiro Ogura (*Transplantation Surgery, Nagoya University Hospital, Japan*)

MO10-1 Long-Term Outcome of Pediatric Liver Transplants: The Immunosuppression and Psycho-Social Development

Rey-Heng Hu, Ming-Chih Ho, Cheng-Maw Ho, Chih-Yang Hsiao, Yaw-Ming Wu, Po-Huang Lee (*National Taiwan University Hospital, Taiwan*)

MO10-2 Living Donor Liver Transplantation in Children Aged Less than 3 months: The Challenge of High Risk Pediatric Patients

Yasuharu Onishi¹, Yukihiro Sanada¹, Noriki Okada¹, Yuta Hirata¹, Toshio Horiuchi¹, Takahiko Omameuda¹, Keiko Ogaki², Shinya Otomo², Natsumi Sekiya³, Sachiyo Yoshida³, Alan K. Lefor¹, Koichi Mizuta¹, Yasunaru Sakuma¹, Naohiro Sata¹ (¹ *Division of Gastroenterological, General and Transplant Surgery, Department of Surgery, Jichi Medical University, Japan*, ² *Department of Pharmacy, Jichi Medical University Hospital, Japan*, ³ *Transplantation and Regenerative Medicine Center, Jichi Medical University Hospital, Japan*)

MO10-3 What Is the Best Therapeutic Approach for Progressive Familial Intrahepatic Cholestasis Type I in Liver Transplantation? -Lessons Learned from Three Cases Receiving Different Approaches

Tasuku Kodama, Hajime Uchida, Ryuji Komine, Toshimasa Nakao, Noriki Okada, Seiichi Shimizu, Akinari Fukuda, Seisuke Sakamoto, Mureo Kasahara (*Department of Transplant Surgery, National Center for Child Health and Development, Japan*)

MO10-4 Spleen-Liver Volume Ratio as an Indication of Liver Transplantation for Patients with Biliary Atresia

Koki Takase¹, Takehisa Ueno¹, Koichi Deguchi¹, Kazunori Masahata¹, Motonari Nomura¹, Miho Watanabe¹, Masafumi Kamiyama¹, Yuko Tazuke¹, Tadashi Kimura², Hiroomi Okuyama¹ (¹ *Department of Pediatric Surgery, Graduation School of Medicine, Osaka University, Japan*, ² *Department of Pediatrics, Graduation School of Medicine, Osaka University, Japan*)

MO10-5 Mac-2 Binding Protein Glycosylated Isomers as a Marker for Liver Graft Fibrosis in Pediatric Liver Transplantation

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

MO10-6 The Impact of Early Tacrolimus Exposure to Long-Term Renal Function and Growth in Pediatric Liver Transplant Recipients

HW Wong, Tiffany CL Wong (*Department of Surgery, The University of Hong Kong, Hong Kong*)

Mini Oral 11

11:30 - 12:15

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

Kidney 3 (Renal Function 2)

Chair: Jun-Ya Kaimori (Osaka University Graduate School of Medicine, Japan)

- MO11-1 Reproducibility of Computed Tomography Volumetry for Predicting Post-donation Remnant Renal Function: A Retrospective Analysis**
Nobutaka Nishimura¹, Shunta Hori¹, Mitsuru Tomizawa¹, Tatsuo Yoneda¹, Yosuke Morizawa¹, Daisuke Gotoh¹, Yasushi Nakai¹, Makito Miyake¹, Kazumasa Torimoto¹, Nobumichi Tanaka¹, Kiyohide Fujimoto¹ (Nara Medical University, Urology, Japan)
- MO11-2 Efficacy of Hemodynamic Features During Kidney Transplantation in Predicting Delayed Graft Function**
Po-Ting Lin¹, Kuo-Jen Lin¹, Pai-Yen Pan¹, Sheng-Hsien Chu¹, Yang-Jen Chiang¹, Chih-Te Lin¹, Mei-Hsiu Lin¹, Hsu-Han Wang¹ (Division of Urology, Department of Surgery, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan)
- MO11-3 Arteriolar Hyalinization Predicts Outcome in Kidney Transplantation from Donors After Cardiac Death**
Masaki Murata¹, Masayuki Tasaki¹, Kazuhide Saito¹, Masahiro Ikeda¹, Shoko Ishikawa¹, Naofumi Imai², Yumi Ito², Ichiei Narita², Yoshihiko Tomita¹ (¹ Department of Urology, Niigata University Graduate School of Medical and Dental Sciences, Japan, ² Division of Clinical Nephrology and Rheumatology, Graduate School of Medical and Dental Sciences, Niigata University, Japan)
- MO11-4 Measurement of Glomerular Filtration Rate Using D-serine Clearance in Kidney Transplant Donors and Recipients**
Ayumu Taniguchi¹, Masataka Kawamura¹, Tomonori Kimura^{2,3,4,5}, Ryo Tanaka¹, Shota Fukae¹, Shigeaki Nakazawa¹, Kazuaki Yamanaka¹, Masashi Mita⁶, Masaru Horio⁷, Shiro Takahara⁷, Yoshitaka Isaka⁵, Ryoichi Imamura¹, Norio Nonomura¹ (¹ Department of Urology, Osaka University Graduate School of Medicine, Suita, Japan, ² KAGAMI Project, National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN), Japan, ³ Reverse Translational Project, Center for Rare Disease Research, National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN), Japan, ⁴ Laboratory of Rare Disease Resource Library, Center for Rare Disease Research, National Institutes of Biomedical Innovation, Health and Nutrition (NIBIOHN), Japan, ⁵ Department of Nephrology, Osaka University Graduate School of Medicine, Japan, ⁶ KAGAMI Inc, Japan, ⁷ Kansai Medical Clinic for Renal Transplantation, Japan)
- MO11-5 Dual Kidney Transplantation from a Donor with Renal Insufficiency**
Yuya Fujiwara^{1,2}, Hajime Hirano¹, Ryoichi Maenosono¹, Keita Nakamori¹, Yuki Tokunaga¹, Tomota Okabe¹, Hirofumi Uehara¹, Kazumasa Komura¹, Teruo Inamoto¹, Hayato Noumi¹, Azuma Haruhito¹ (¹ Department of Urology, Osaka Medical and Pharmaceutical University, Japan, ² Department of Urology, Tokyo Women's Medical University, Japan)
- MO11-6 Fluctuations of the Serum Creatinine Level in Kidney Transplant Patients with Arteriosclerosis**
Ayaka Tanigawa¹, Naotsugu Ichimaru², Atsuyuki Morishima¹, Katsuhiko Sakaguchi¹, Toyofumi Abe¹, Yuriko Miyake¹ (¹ Sumitomo Hospital, Japan, ² Kinki Central Hospital, Japan)

Mini Oral 12

11:30 - 12:15

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

Kidney 4 (Surgical Technique 2)

Chair: Kazunari Yoshida (Reiseikai Medical Institute / Department of Urology, Kitasato University, Japan)

MO12-1 Kidney Transplantation After Open Surgery of Type A Aortic Dissection

Kiyoshi Setoguchi, Tadahiko Tokumoto, Kazutaka Saito (Department of Urology, Dokkyo Medical University Saitama Medical Center, Japan)

MO12-2 Robot Assisted Kidney Transplantation: A Case Series

Seung Jae Jason Kim, Jongwon Ha, Ahram Han, Sang Il Min (General Surgery, Seoul National University Hospital, Republic of Korea)

MO12-3 En Bloc Kidney Transplant from Pediatric Donors to Teenage Recipients: A Single-center Experience

Takafumi Yagisawa¹, Taichi Kanzawa¹, Toshihito Hirai¹, Kohei Unagami², Kumiko Kitajima², Yoko Shirai³, Kiyonobu Ishizuka³, Kenichiro Miura³, Kazunari Tanabe¹, Motoshi Hattori³, Hideki Ishida^{1,2}, Toshio Takagi¹ (¹ Department of Urology, Tokyo Women's Medical University, Japan, ² Department of Organ Transplantation, Tokyo Women's Medical University, Japan, ³ Department of Pediatric Nephrology, Tokyo Women's Medical University, Japan)

MO12-4 A Case of Laparoscopic Donor Nephrectomy for Ectopic Kidney

Yoko Maegawa, Koichi Tsutahara, Yoichi Kakuta, Masahiro Nakagawa, Tetsuya Takao (Urology, Osaka General Medical Center, Japan)

MO12-5 Arterial Anastomosis with Plication of Internal Iliac Artery for Kidney Transplantation

Kiyoshi Setoguchi, Tadahiko Tokumoto, Kazutaka Saito (Department of Urology, Dokkyo Medical University Saitama Medical Center, Japan)

MO12-6 Orthotopic Ileal Neobladder Reconstruction for Post Renal Transplantation Urothelial Carcinoma

Yuta Sano¹, Tomonori Komatsu², Ataru Nakane¹, Yuji Naito¹, Kazuna Matsuo¹, Tomoyasu Sano¹, Shohei Ishida¹, Norihisa Matsukawa¹, Masashi Kato¹ (¹ Urology, Nagoya University Graduate School of Medicine, Japan, ² Urology, Chukyo Hospital, Japan)

Mini Oral 13

14:00 - 14:45

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

Kidney 5 (Renal Function 3)

Chair: Tadashi Sofue (Department of Nephrology and Dialysis, Department of Cerebrovascular Medicine, Kagawa University, Japan)

MO13-1 Effectiveness of CT Volumetry in Evaluating Living-donor Renal Function

Ryohei Yamamoto, Mitsuru Saito, Yu Aoyama, Ryuichiro Sagehashi, Mizuki Kobayashi, Soki Kashima, Takatoshi Nara, Kazuyuki Numakura, Shintaro Narita, Tomonori Habuchi (Dept. of urology, Akita University School of Medicine, Japan)

- MO13-2 The Impact of Intraoperative Graft Blood Flow Measurement on Early Graft Function**
Yun Ren Li¹, Chung-Yi Liu², Kuan-Lin Liu¹, Kuo-Jen Lin¹, Chih-Te Lin¹, Yang-Jen Chiang¹, Sheng-Hsien Chu¹, Hsu-Han Wang¹ (¹ Department of Urology, Chang-Gung Memorial Hospital, Taiwan, ² Department of Urology, New Taipei Municipal Tu Cheng Hospital, Chang Gung Memorial Hospital and Chang Gung University, Taiwan)
- MO13-3 The Characteristics of Renal Cell Carcinoma Patients Who Received Dialysis and/or Kidney Transplant**
Yuhji Marui, Naoto Aoki, Keisuke Matsubara, Takashi Shimizu, Masahide Sasaki, Ryuji Yamada, Hikaru Tsukada, Naoto Yoza, Tomohiro Nishi, Koichiro Aida, Nozomi Hayakawa, Ryuto Nakazawa, Kazunobu Shinoda, Eiji Kikuchi (Department of Urology, St Marianna University School of Medicine, Japan)
- MO13-4 Recovery Rate of Renal Plasma Flow After Kidney Transplantation did not Differ in the Choice of Renal Arterial Anastomotic Site**
Takashi Yonekura¹, Kazunobu Shinoda², Kenta Nishikawa¹, Maho Maeda¹, Kei Sakurabayashi¹, Yujiro Aoki¹, Yoshihiro Itabashi¹, Masaki Muramatsu¹, Takeshi Kawamura¹, Ken Sakai¹, Seiichiro Shishido¹ (¹ Department of Nephrology, Toho University Faculty of Medicine, Japan, ² Department of Urology, St Marianna University School of Medicine, Japan)
- MO13-5 Does the Plurality of Donor's Renal Artery Affect the Renal Function of Living Kidney Transplant?**
Akinobu Ishiyama, Kouhei Nishikawa, Kaho Deguchi, Hiroyuki Oue, Takashi Okamoto, Shinya Kajiwara, Shinichiro Higashi, Takeshi Sasaki, Satoru Masui, Takahiro Inoue (Department of Nephro-Urologic Surgery and Andrology, Mie University Graduate School of Medicine, Japan)
- MO13-6 Perfusate NGAL, KIM-1, L-FABP, and IL-18 May Act as Biomarkers to Predict Delayed Graft Function and Long-Term Prognosis in Kidney Transplant Recipients**
Zihao Gao, Zejia Sun, Xin Li, Wei Wang, Peng Qiao (Department of Urology, Capital Medical University Beijing Chaoyang Hospital, China)

Mini Oral 14

14:00 - 14:45

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

Kidney 6 (Surgical Technique, Case Report)

Chair: Kazuaki Yamanaka (Department of Urology, Osaka University Graduate School of Medicine, Japan)

- MO14-1 A Case of Laparoscopic Donor Nephrectomy from a Horseshoe Kidney in a Married Couple Undergoing Living Donor Renal Transplantation**
Takashi Kikuchi¹, Mamoru Hashimoto¹, Syougo Adomi¹, Yoshitaka Saitou¹, Yasunori Mori¹, Kazutoshi Fujita¹, Kazuhiro Nose¹, Kazuhiro Yoshimura¹, Hirotsugu Uemura¹, Kentarou Tamai², Masaaki Imanishi², Taiji Hayashi³, Tsukasa Nishioka³, Takahiro Akiyama⁴ (¹ Department of Urology, Kindai University faculty of Medicine, Japan, ² Department of Urology, Saiseikai tondabayashi Hospital, Japan, ³ Department of Urology, Izumi - City General Hospital, Japan, ⁴ Department of Urology, Sakai Heisei Hospital, Japan)
- MO14-2 A Case of Kidney Transplantation After Multiple Urinary Tract Conversion with an Ileal Conduit**
Chika Nagahisa¹, Kohei Unagami^{2,3}, Taro Banno¹, Rikako Oki^{2,3}, Takafumi Yagisawa¹, Taichi Kanzawa¹, Toshihito Hirai¹, Kazuya Omoto¹, Toshio Takagi¹, Hideki Ishida³ (¹ Urology, Tokyo Women's Medical University, Japan, ² Nephrology, Tokyo Women's Medical University, Japan, ³ Organ Transplant Medicine, Tokyo Women's Medical University, Japan)

- MO14-3** **A Case of Kidney Transplantation After TAE for Cyst Infection in a Hemodialysis Patient with ADPKD**
Keiko Iguchi¹, Tomoaki Iwai¹, Akihiro Kosoku², Shunji Nishide³, Kazuya Kabei¹, Norihiko Kumada⁴, Junji Uchida¹ (¹ Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Department of Urology, Meijibashi Hospital, Japan, ³ Department of Urology, Osaka City General Hospital, Japan, ⁴ Department of Urology, Suita Municipal Hospital, Japan)
- MO14-4** **Rapid Deterioration of Graft Function in Kidney Transplant from The Donor with Diffuse Proliferative Lupus Nephritis with Thrombotic Microangiopathy**
Young Ju Oh, Cheol Woong Jung, Heungman Jun (Department of Surgery, Korea University Anam Hospital, Republic of Korea)
- MO14-5** **Effectiveness of Lymphatic Lipiodol Embolization for Post Renal Transplant Lymphoceles**
Kasumi Konishi¹, Yuugo Ito¹, Nozomi Kadota¹, Takuya Fujimaru¹, Masahiko Nagahama¹, Fumika Taki¹, Kenji Komatsu², Masaki Shinbo², Masaaki Nakayama¹ (¹ Department of Nephrology, St. Luke's International Hospital, Japan, ² Department of Urology, St. Luke's International Hospital, Japan)
- MO14-6** **A Case Report of Thrombosis in a Transplanted Kidney Caused by PHD Inhibitor Administration in Our Hospital**
Shunji Nishide¹, Tomohiro Asai¹, Kaori Kimura¹, Masaki Yamagata¹, Akinori Minami¹, Tikako Nishihara¹, Tomohiro Hasaka¹, Keiiti Ishii¹, Sadanori Kamikawa¹, Junji Uchida² (¹ Urology, Osaka City General Hospital, Japan, ² Urology, Osaka Metropolitan University, Japan)

Mini Oral 15

14:00 - 14:45

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

Kidney 7 (Nutrition, Diabetes 1)

Chair: Hajime Hirano (Department of Urology, Osaka Medical and Pharmaceutical University Hospital, Japan)

- MO15-1** **Frailty and Sarcopenia in Older Kidney Transplant Recipients: A Cross-sectional Study**
Akihiro Kosoku^{1,2}, Tomoaki Iwai¹, 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)
- MO15-2** **Adverse Effect of Denosumab in Renal Transplant Recipient, 20-Year Retrospective Monocentric Observational Study**
Tsung Yin Tsai^{1,2}, Cheng-Hsu Chen^{1,2}, Yung-Chieh Lin³ (¹ Taichung Veterans General Hospital Chiayi Branch, Taiwan, ² Division of Nephrology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan, ³ Department of Urology, Hsinchu Branch, MacKay Memorial Hospital)
- MO15-3** **Remarkable Improvement of Diabetic Nephropathy in Transplanted Kidney after Kidney Transplantation**
Ryo Tanaka¹, Shota Fukae¹, Ayumu Taniguchi¹, Shigeaki Nakazawa¹, Kazuaki Yamanaka¹, Tomoko Namba², Tetsuya Takao³, Ryoichi Imamura¹, Norio Nonomura¹ (¹ Department of Urology, Osaka University Graduate School of Medicine, Japan, ² Department of Nephrology, Osaka University Graduate School of Medicine, Japan, ³ Department of Urology, Osaka General Medical Cancer, Japan)
- MO15-4** **Wound Complications Following Renal Transplantation. A Single Centre Experience**
Alexandra O Stathis, Karen Keung, Kenneth Yong (Prince of Wales Hospital, Australia)

MO15-5 The Efficacy of Switch from ESA to HIF-PHI for Anemia in RT Patients

Nobuyuki Nakamura¹, Shintaro Aso¹, Chizuru Nakagawa¹, Masahiro Tachibana¹, Aiko Fujikawa¹, Kazuna Tsubouchi¹, Naotaka Gunge¹, Takeshi Miyazaki¹, Yu Okabe¹, Hiroshi Matsuzaki¹, Hirofumi Matsuoka¹, Kenji Ito², Tetsuhiko Yasuno², Kosuke Masutani², Nobuhiro Haga¹ (¹ Department of Urology, Fukuoka University School of Medicine, Japan, ² Department of Nephrology and Rheumatology, Fukuoka University School of Medicine, Japan)

MO15-6 High Alternative Health Eating Index-Taiwan Scores Is Associated with Prevent Graft Dysfunction in Taiwanese Renal Transplant Recipients

I-Hsin Tseng¹, I-Hsin Lin¹, Tuyen Van Duong², Shih-Wei Nien¹, Hsu-Han Wang³, Yang-Jen Chiang³, Shwu-Huey Yang^{2,4,5}, Te-Chih Wong⁶ (¹ Department of Medical Nutrition Therapy, Linkou Chang Gung Memorial Hospital, Taiwan, ² School of Nutrition and Health Sciences, College of Nutrition, Taipei Medical University, Taiwan, ³ Department of Urology, Linkou Chang Gung Memorial Hospital, Taiwan, ⁴ Research Center of Geriatric Nutrition, College of Nutrition, Taipei Medical University, Taiwan, ⁵ Nutrition Research Center, Taipei Medical University Hospital, Taiwan, ⁶ Department of Nutrition and Health Sciences, Chinese Culture University, Taiwan)

Mini Oral 16
14:00 - 14:45

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

Kidney 8 (Malignancy 1)

Chair: Shigeaki Nakazawa (Department of Urology, Osaka University Graduate School of Medicine, Japan)

MO16-1 Successful Renal Transplantation with CML After 15 Years of Remission

Tadahiko Tokumoto, Kiyoshi Setoguchi, Yasuyuki Inoue, Kazutaka Saito (Department of Urology, Dokkyo Medical University Saitama Medical Center, Japan)

MO16-2 Outcome of Brain Lymphoma in High EBV-Prevalence Country After Kidney Transplantation

Yi An Huang, Tung-Min Yu, Shang-Feng Tsai, Ming-Ju Wu, Cheng-Hsu Chen (TVGH, Taiwan)

MO16-3 Outcomes of Post-Transplant Lymphoproliferative Disorder in Kidney Transplantation in Japan

Taigo Kato¹, Takahiro Yoshida², Ayumu Taniguchi¹, Shota Fukae¹, Masataka Kawamura¹, Shigeaki Nakazawa¹, Kazuaki Yamanaka¹, Tomoko Namba-Hamano³, Ryo Tanaka¹, Katsuhiko Nakagawa², Hidefumi Kishikawa², Norio Nonomura¹, Ryoichi Imamura¹ (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)

MO16-4 Assessment of Tumor Markers in Renal Transplant Recipients

Shota Fukae^{1,2}, Kazuaki Yamanaka¹, Sayoko Yonemoto³, Takahiro Yoshida², Masahiro Nakagawa², Naohiko Fujii³, Hidefumi Kishikawa² (¹ Department of Urology, Graduate School of Medicine, Osaka University, Japan, ² Department of Urology, Hyogo Prefectural Nishinomiya Hospital, Japan, ³ Department of Nephrology, Hyogo Prefectural Nishinomiya Hospital, Japan)

MO16-5 Successful Kidney Transplantation in a Patient with Chronic Myeloid Leukemia After Imatinib Treatment: A Case Report

Kiyoshi Setoguchi, Tadahiko Tokumoto, Kazutaka Saito (Department of Urology, Dokkyo Medical University Saitama Medical Center, Japan)

MO16-6 Recurrence of Cancer in 188 Kidney Transplant Recipients

Kota Ishii¹, Toshihiko Hirai¹, Shuhei Nozaki¹, Chika Nagahisa¹, Shun Watanabe¹, Yuya Fujiwara¹, Taro Banno¹, Rikako Ooki^{1,2}, Ayaka Saito¹, Takafumi Yagisawa¹, Kohei Unagami^{1,2,3}, Taichi Kanzawa¹, Kazuya Omoto¹, Toshio Takagi¹, Hideki Ishida^{1,2} (¹ Department of Urology, Tokyo Woman's Medical University, Japan, ² Department of Transplantation Management, Tokyo Women's Medical University, Japan, ³ Department of Nephrology, Tokyo Women's Medical University, Japan)

Mini Oral 17

14:50 - 15:35

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

Kidney 9 (Organ Preservation)

Chair: Yoichi Kakuta (Department of Urology, Osaka General Medical Center, Japan)

MO17-1 The First Clinical Multi-Center Study on Machine Perfusion Preservation of Marginal Donor Kidney Transplantation in Japan –An Interim Report–

Hitoshi Iwamoto¹, Naoto Matsuno², Osamu Konno¹, Yuki Nakamura³, Yasuo Ishii³, Shigehito Miyagi⁴, Mamoru Kusaka⁵, Taihei Ito⁶, Takashi Kenmochi⁶ (¹ Department of Kidney Transplantation Surgery, Hachioji Medical Center, Tokyo Medical University, Japan, ² Department of Hepato-biliary Pancreatic and Transplantation surgery, Asahikawa Medical University, Japan, ³ Department of Surgery, Nephrology Center, Toranomon Hospital, Japan, ⁴ Department of Surgery, Tohoku University, Japan, ⁵ Department of Urology, Okazaki Medical Center, Fujita Health University, Japan, ⁶ Department of Transplantation and Regenerative Medicine, School of Medicine, Fujita Health University, Japan)

MO17-2 Visualization of Ischemia Reperfusion Injury of Kidney and Prediction of Early Allograft Dysfunction After Kidney Transplantation Using Cysteine Probe

Hye Young Woo, Sang-il Min, Ahram Han, Jongwon Ha (Department of Surgery, Seoul National University College of Medicine, Republic of Korea)

MO17-3 Kidney Transplantation Preserved with Hypothermic Machine Perfusion for Marginal Donor : A Report of Two Cases

Yu Kihara¹, Osamu Konno¹, Masahiko Okihara¹, Isao Akashi¹, Naoto Matsuno², Hitoshi Iwamoto¹ (¹ Kidney Transplantation Surgery, Tokyo Medical University, Japan, ² Hepato-biliary Pancreas and Transplantation Surgery, Asahikawa Medical University, Japan)

MO17-4 Hypothermia Protects Against Renal Fibrosis After Ischemia Reperfusion Injury

Moo Jun Kim¹, Jin Ah Shin², Dae Eun Choi^{1,2}, Eu Jin Lee¹, Young Rok Ham¹, Ki Ryang Na¹, Kang Wook Lee¹ (¹ Nephrology, Chungnam National University Hospital, Republic of Korea, ² Medical Science, Chungnam National University, Republic of Korea)

MO17-5 OrganPocket: A Novel Protective Kidney Transplantation Device Against Secondary Warm Ischemia

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)

MO17-6 Protection From Second Warm Ischemic Injury Using Thermal Barrier Bag in Kidney Transplantation

Kentaro Ide¹, Hiroyuki Tahara¹, Masahiro Ohira¹, Naoki Tanimine¹, Hiroshi Sakai¹, Ryosuke Nakano¹, Yuki Imaoka¹, Kosuke Ono¹, Naofumi Tsukiyama¹, Ryosuke Arata¹, Keishi Hakoda¹, Keiko Ueda², Taizo Hirata², Eiji Kobayashi³, Hideki Ohdan¹ (¹ Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan, ² Clinical Research Center in Hiroshima, Hiroshima University Hospital, Japan, ³ Department of Kidney Regenerative Medicine, The Jikei University School of Medicine, Japan)

Mini Oral 18

14:50 - 15:35

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

Kidney 10 (Infection, Diagnostic Imaging)

Chair: Atsushi Takahashi (Department of Nephrology, Osaka University Graduate School of Medicine, Japan)

MO18-1 A Case of Emphysematous Pyelonephritis After Renal Allograft Loss, Leading to Transplant Nephrectomy

Takahito Wakamiya, Kazuro Kikkawa, Yasuo Kohjimoto, Isao Hara (Urology, Wakayama Medical University, Japan)

MO18-2 The Phenomenon of Helper T-Cell Exhaustion and Cytokine-Attenuation of NKT in BK-infected Renal Transplant Patients is Correlated to Poor Outcome

Wei-Ciao Wu^{1,2}, Wei-Yi Wu^{3,4,5} (¹ Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University, Taiwan, ² Division of Thoracic Surgery, Department of Surgery, Taipei Medical University-Shuang Ho Hospital, Taiwan, ³ Division of Nephrology, Department of Internal Medicine, Taipei Medical University-Shuang Ho Hospital, Taiwan, ⁴ Division of Nephrology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taiwan, ⁵ Taipei Medical University-Research Center of Urology and Kidney (TMU-RCUK), School of Medicine, College of Medicine, Taipei Medical University, Taiwan)

MO18-3 Usefulness of Pre- and Post- Transplant BK Virus-Specific ELISPOT Assay for Predicting the Outcome of BK Virus Infection in Kidney Transplant Recipients

Eun Jeong Ko^{1,2}, Hyungjoo Bae³, Chul Woo Yang^{1,2}, Eun-Jee Oh³, Byung Ha Chung^{1,2} (¹ Division of Nephrology, Department of Internal Medicine, Seoul St. Mary's Hospital, The Catholic University of Korea, Republic of Korea, ² Transplant research center, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea, ³ Department of Laboratory Medicine, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Republic of Korea)

MO18-4 Comparison of an Antigenemia Assay and Quantitative Nucleic Acid Testing for CMV Infection

Masahiro Ikeda, Masayuki Tasaki, Kazuhide Saito, Yoshihiko Tomita (Division of Urology, Department of Regenerative and Transplant Medicine, Graduate School of Medical and Dental Sciences, Niigata University, Japan)

MO18-5 A Case of Kidney Transplant Recipient with Organizing Pneumonia After Graft Loss

Sho Matsui¹, Tomoko Namba-Hamano¹, Shihomi Maeda¹, Atsushi Takahashi¹, Jun-Ya Kaimori³, Shota Fukae², Ryo Tanaka², Ayumu Taniguchi², Shigeaki Nakazawa², Kazuaki Yamanaka², Ryoichi Imamura², Norio Nonomura², Yoshitaka Isaka¹ (¹ Department of Nephrology Osaka University Graduate School of Medicine, Japan, ² Department of Urology Osaka University Graduate School of Medicine, Japan, ³ Department of Inter-Organ Communication Research in Kidney Disease, Osaka University Graduate School of Medicine, Japan)

MO18-6 Examination of Multiple Renal Artery Grafts Sacrificed Based on CT Image Analysis

Taiki Ogasa¹, Yuki Nakagawa¹, Gento Oomae¹, Takeshi Ashizawa¹, Keisuke Saito¹, Toshiyuki China¹, Shuji Isotani¹, Kenta Futamura², Manabu Okada², Takahisa Hiramitsu², Norihiko Goto², Shuji Narumi², Yoshihiko Watarai², Shigeo Horie¹ (¹ Urology, Juntendo University, Japan, ² Transplant Surgery, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan)

Mini Oral 19

14:50 - 15:35

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

Kidney 11 (Nutrition, Diabetes 2)

Chair: Hajime Hirano (Department of Urology, Osaka Medical and Pharmaceutical University Hospital, Japan)

MO19-1 Usefulness of Dietary Salt Restriction in Kidney Transplant Recipients: Analysis of Blood Pressure Levels Depending on the Differences in the Levels of Salt Intake

Hajime Hirano, Yuya Fujiwara, Koichiro Minami, Ryoichi Maenosono, Syunri Taniguchi, Tomota Okabe, Keita Nakamori, Hirofumi Uehara, Kazumasa Komura, Hayahito Nomi, Teruo Inamoto, Haruhito Azuma (Department of Urology, Osaka Medical and Pharmaceutical University, Japan)

MO19-2 Identifying High Risk Patients for New Onset Diabetes after Kidney Transplantation Using a Continuous Glucose Monitoring Device

EunAh Jo¹, Ara Cho¹, Hye Young Woo¹, Sangil Min¹, Ahram Han¹, Jongwon Ha¹, Yong Min Cho², Hajeong Lee³, Yong Chul Kim³, Hun Jee Cho² (¹ Department of Surgery, Seoul National University College of Medicine, Seoul, Republic of Korea, ² Department of Endocrinology, Seoul National University College of Medicine, Seoul, Republic of Korea, ³ Department of Nephrology, Seoul National University College of Medicine, Seoul, Republic of Korea)

MO19-3 The Relationship of the Fatigue with Graft Function and Employment Status in Kidney Transplant Recipients

Yuki Yoshikawa¹, Keiko Maeda², Akihiro Kosoku³, Junji Uchida³ (¹ Shitennoji University, Japan, ² Department of Nursing, Osaka Metropolitan University Hospital, Japan, ³ Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan)

MO19-4 Dietary Effect on Graft Function on Stationary Kidney Allograft Recipients during Traditional Holidays in Taiwan

HsuHan Wang¹, JenHuuan Wu¹, YingHao Hsu¹, ShengHsien Chu¹, YangJen Chiang¹, KuoJen Lin¹, PaiYen Pan¹, YunRen Li¹, LeeChuan Chen¹, JuiYen Wang² (¹ Chang Gung Memorial Hospital, Taiwan, ² Epsom College, UK)

MO19-5 Comparisons of Clinical Outcomes Among Young, Middle, and Elderly Kidney Transplant Recipients: Pharmacological Analyses of Immunosuppressants

Ryuichiro Sagehashi¹, Mitsuru Saito¹, Yu Aoyama¹, Ryohei Yamamoto¹, Nobuhiro Fujiyama², Hideaki Kagaya³, Mizuki Kobayashi¹, Souki Kashima¹, Taketoshi Nara¹, Kazuyuki Numakura¹, Shintaro Narita¹, Tomonori Habuchi¹ (¹ Department of Urology, Akita University Graduate School of Medicine, Japan, ² Center for Kidney Disease and Transplantation, Akita University Hospital, Japan, ³ Department of Pharmacy, Akita University Hospital, Japan)

MO19-6 Prevalence of Frailty and Associated Factors Among Kidney Transplant Recipients in China

Huawei Cao, Jiandong Zhang, Wei Wang (Department of Urology, Beijing Chao-yang Hospital, Capital Medical University, China)

Kidney 12 (Malignancy 2, Adverse Event, Non-adherence, Pregnancy)

Chair: Junji Uchida (Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan)

MO20-1 Occurrence of Malignant Tumors in Post-Renal Transplant Patients at Our Hospital

Koichiro Minami, Hajime Hirano, Hirofumi Uehara, Kazumasa Komura, Ryoichi Maenosono, Yuya Fujiwara, Tomota Okabe, Keita Nakamori, Teruo Inamoto, Hayahito Nomi, Haruhito Azuma (Department of Urology, Osaka Medical and Pharmaceutical University Faculty of Medicine, Japan)

MO20-2 A Case of Inguinal Lymphadenopathy After Renal Transplantation Leading to the Diagnosis of Prostate Cancer

Yasuto Enoki, Tomonao Naraki, Koichiro Saita, Takenari Mori, Akihiko Mitsuke, Takashi Sakaguchi, Hiroaki Nishimura, Shuichi Tatarano, Yasutoshi Yamada, Hideki Enokida (Department of Urology, Kagoshima University Hospital, Japan)

MO20-3 Clinical Review of 35 Kidney Retransplantation Cases : A Single Center Experience

Yoko Maegawa, Hidefumi Kishikawa, Toshimitsu Tanaka, Shu Okamoto, Takahiro Yoshida, Masahiro Nakagawa (Urology, Hyogo Prefectural Nishinomiya Hospital, Japan)

MO20-4 Association of P-Cresyl Sulfate with Peripheral Artery Disease in Kidney Transplantation Patients

Ching-Chun Ho^{1,2}, Yen-Cheng Chen^{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)

MO20-5 Appointment Non-Adherence and Graft Outcomes in 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)

MO20-6 Preconception Care and Pregnancy Complications After Kidney Transplantation: A Single-Center Study

Rikako Oki^{1,2}, Kohei Unagami^{2,3,4}, Jun Kakogawa⁵, Hiroko Beppu⁶, Takafumi Yagisawa², Taichi Kanzawa², Toshihito Hirai², Hiroki Shirakawa^{2,7}, Kazuya Omoto², Kumiko Kitajima⁴, Toshio Takagi², Hideki Ishida⁴ (¹ Department of Nephrology and Endocrinology, The University of Tokyo Hospital, Japan, ² Department of Urology, Tokyo Womens Medical University, Japan, ³ Department of Nephrology, Tokyo Womens Medical University, Japan, ⁴ Department of Organ Transplant Medicine, Tokyo Womens Medical University, Japan, ⁵ Department of Obstetrics and Gynecology, Tokyo Womens Medical University, Japan, ⁶ Department of Nephrology, Okubo Hospital, Japan, ⁷ Department of Urology, Okubo Hospital, Japan)

Mini Oral 21

15:40 - 16:15

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

Liver 3 (Organ Preservation)

Chair: Yasushi Hasegawa (Department of Surgery, Keio University School of Medicine, Japan)

MO21-1 Beneficial Effects of Combined Use of ECMO and Hypothermic Machine Perfusion for Porcine DCD Liver

Hiroyoshi Iwata^{1,2}, Tetsuya Nakajo², Hiromichi Obara³, Tomomasa Okazawa³, Hiroki Kaneko⁴, Hiroki Bochimoto⁵, Makito Ohashi⁶, Aiko Kawada⁶, Xiao-Kang Li⁷, Shunsuke Iwai², Mizuho Ohara², Naoto Matsuno² (¹ Department of Surgery, Hokkaido PWFAC Engaru-Kosei General Hospital, Japan, ² Department of Transplantation Technology and Therapeutic Development, Asahikawa Medical University, Japan, ³ Department of Mechanical System Engineering, Tokyo Metropolitan University, Japan, ⁴ Azabu University Veterinary Teaching Hospital, Japan, ⁵ Department of Cell Physiology, The Jikei University School of Medicine, Japan, ⁶ Department of Clinical Engineering, Center Hospital of the National Center for Global Health and Medicine, Japan, ⁷ Department of Allergy and Clinical Immunology, National Center for Child Health and Development, Japan)

MO21-2 Functional Assessment of Cardiac Arrest Hepatocytes and Effect of Mechanical Perfusion on Function

Naruhito Takido¹, Atsushi Fujio¹, Hiroyasu Nishimaki¹, Hiroki Yamana¹, Takehiro Imura², Toshiaki Kashiwada¹, Shigehito Miyagi¹, Takashi Kamei¹, Michiaki Unno¹, Masafumi Goto² (¹ Department of Surgery, Tohoku University Graduate School of Medicine, Japan, ² Division of Transplantation and Regenerative Medicine, Tohoku University Graduate School of Medicine, Japan)

MO21-3 Evaluation of Porcine DCD Liver Functions Prior to Transplantation During Machine Perfusion

Hiromichi Obara^{1,2,4}, Yuga Okazawa¹, Hiroyoshi Iwata², Tetsuya Nakajo², Taiki Kaneko², Hiroki Bochimoto³, Makito Ohashi⁴, Mizuho Ohara², XiaoKang Li⁴, Naoto Matsuno^{1,2,4} (¹ Tokyo Metropolitan University, Japan, ² Transplantation Technology and Therapeutic Development, Asahikawa Medical University, Japan, ³ Cell Physiology, Jikei University School of Medicine, Japan, ⁴ National Center for Child Health and Development, Japan)

MO21-4 Basic Characteristics of Subnormothermic Regional Perfusion for DCD Porcine Liver

Hiroki Kaneko^{1,2}, Hiromichi Obara^{2,3,5}, Hiroyoshi Iwata², Yuga Okazawa³, Tetsuya Nakajo², Hiroki Bochimoto⁴, Makito Ohashi⁵, Mizuho Ohara³, Xiao Kang Li⁵, Naoto Matsuno^{2,3,5} (¹ Veterinary Medicine, Azabu University, Japan, ² Transplantation Technology and Therapeutic Development, Asahikawa Medical University, Japan, ³ Organ Engineering, Tokyo Metropolitan University, Japan, ⁴ Cell Physiology, Jikei University School of Medicine, Japan, ⁵ National Center for Child Health and Development, Japan)

MO21-5 Novel Strategy to Enable Transplantation of Liver Graft After Cardiac Arrest - Study in Pig Models

Syuhei Yoshimoto¹, Shinji Torai^{1,2}, Hiroo Kasamatsu¹, Jun Ishikawa¹, Masayuki Ohara¹, Akihiko Soyama³, Masayuki Fukumoto³, Takanobu Hara³, Masaaki Hidaka³, Susumu Eguchi³, Eiji Kobayashi² (¹ SCREEN Holdings Co., Ltd, Japan, ² The Jikei University School of Medicine Department of Kidney Regenerative Medicine, Japan, ³ Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences, Japan)

Mini Oral 22

15:40 - 16:25

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

Transplant Immunosuppression 1

Chair: Haruhito Azuma (Department of Urology, Faculty of Medicine, Osaka Medical and Pharmaceutical University, Japan)

- MO22-1** **Validation of Mycophenolate Mofetil Dose in Living-Donor Kidney Transplantation in Our Institution**
 Kouhei Nishikawa, Akinobu Ishiyama, Momoko Kato, Shinichiro Higashi, Takeshi Sasaki, Satoru Masui, Takahiro Inoue (Department of Nephro-Urologic Surgery and Andrology, Mie University Graduate School of Medicine, Japan)
- MO22-2** **mTOR Inhibitor Effects on Activated Regulatory T Cell Expansion in Kidney Transplantation**
 Yusuke Tomita, Saeko Uehara, Shinya Takiguchi, Michio Nakamura (Department of Transplant Surgery, Tokai University Hospital, Japan)
- MO22-3** **Late Conversion to a Calcineurin Inhibitor-Free Regimen with Everolimus After Renal Transplantation**
 Naoya Iwahara, Kiyohiko Hotta, Takayuki Hirose, Nobuo Shinohara (Department of Urology, Hokkaido University Hospital, Japan)
- MO22-4** **Development of Medication Adherence Scale Appropriating for Transplant Patients in Japan**
 Akihiro Kosoku^{1,2}, Tomoaki Iwai¹, Hiroo Masuda³, Kazuya Kabei¹, Shunji Nishide³, Keiko Maeda⁴, Yuki Yoshikawa⁵, Yasutaka Nakamura⁶, Junji Uchida¹ (¹ Urology, Osaka Metropolitan University Graduate School of Medicine, Japan, ² Urology, Meijibashi Hospital, Japan, ³ Urology, Osaka City General Hospital, Japan, ⁴ Nursing, Osaka Metropolitan University Hospital, Japan, ⁵ Nursing, Shitennoji University, Japan, ⁶ Pharmacy, Osaka Metropolitan University Hospital, Japan)
- MO22-5** **Quadruple Induction Regimen with Everolimus Prevents Development of De Novo Donor-Specific Antibody**
 Masayoshi Miura¹, Hiroshi Higashiyama¹, Mayumi Yoshihara² (¹ Department of Urology and Kidney Transplantation Surgery, Sapporo Hokuyu Hospital, Japan, ² Department of Nephrology, Sapporo Hokuyu Hospital, Japan)
- MO22-6** **Bexarotene Induces the Differentiation of Monocytes into Immunosuppressive MDSCs**
 Haozhou Wang (Institute of Urology, Beijing Chao-Yang Hospital, Capital Medical University, China)

Mini Oral 23

15:40 - 16:25

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

Basic and Translational Sciences 1

Chair: Masayoshi Okumi (Department of Urology, Kyoto Prefectural University of Medicine, Japan)

- MO23-1** **Arteriosclerosis Decreases TRAIL Expression on Liver Natural Killer Cells in Living Donor Liver Transplantation**
 Kouki Imaoka, Masahiro Ohira, Tomoaki Bekki, Yuki Imaoka, Ryosuke Nakano, Daskali Marlen, Yuka Tanaka, Hideki Ohdan (Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan)

- MO23-2 Cold Storage in D2O Containing Solution and Post-reperfusion H2 Gas Treatment Reduced Rat Liver Damage: An IPRL Study**
Moto Fukai¹, Kengo Shibata², Sodai Sakamoto¹, Masato Fujiyoshi¹, Sunao Fujiyoshi², Kosei Nakamura¹, Takahisa Ishikawa¹, Norio Kawamura³, Nur Khatijah Mohd Zin⁴, Hiroki Bochimoto⁴, Tsuyoshi Shimamura⁵, Akinobu Taketomi^{1,2,3} (¹ Gastroenterological Surgery 1, Hokkaido Univ. Graduate School of Medicine, Japan, ² Gastroenterological Surgery 1, Hokkaido Univ. Hospital, Japan, ³ Department of Transplant Surgery, Hokkaido Univ. Graduate School of Medicine, Japan, ⁴ Department of Cell Physiology, The Jikei University School of Medicine, Japan, ⁵ Division of Organ Transplantation, Hokkaido Univ. Hospital, Japan)
- MO23-4 Study on Improvement of Aged Liver Regenerative Potential Using Chemically Induced Liver Progenitor Cells**
Kunihito Matsuguma, Takanobu Hara, Akihiko Soyama, Daisuke Miyamoto, Masayuki Fukumoto, Hajime Imamura, Hajime Matsushima, Tomohiko Adachi, Shinichiro Ito, Masaaki Hidaka, Kengo Kanetaka, Susumu Eguchi (Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences, Japan)
- MO23-5 TLR4-mediated Hepatocellular Senescence Impairs Tumor Surveillance of Natural Killer Cells via HLA-E-NKG2A Axis**
Xinxiang Yang, Jinyang Li, Yuewen Wang, Rongrong Zhong, Kevin TP Ng, Kwan Man (Department of Surgery, School of Clinical Medicine, LKS Faculty of Medicine, the University of Hong Kong, Hong Kong)
- MO23-6 The Synergetic Effect of mTOR and Metabolic Inhibitors to Prevent Allograft Rejection**
Chih Hsien Cheng, Chen Fang Lee, Ting Jung Wu, Hong Shiue Chou, Kun Ming Chan, Wei Chen Lee (Department of Surgery, Chang Gung Memorial Hospital Linkou, Taiwan)

Mini Oral 24

15:40 - 16:25

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

■ Liver 4 (ABO-incompatible, Donor Specific Antigen, Ischemic Reperfusion Injury)

Chair: Kenei Furukawa (The Jikei University School of Medicine, Japan)

- MO24-1 Rethinking ABO-Incompatible Liver Transplantation in the Rituxan Era -Single Center Experience-**
Hisaya Shirai, Takashi Ito, Masaaki Hirata, Hikaru Aoki, Shinya Okumura, Yuuki Masano, Takaaki Anazawa, Kouichiro Hata, Etsuro Hatano (Department of Surgery, Kyoto University Graduate School of Medicine, Japan)
- MO24-2 Outcome of ABO-Incompatible Living Donor Liver Transplantation Recipient Under 1-Year Old**
Daisuke Ueda, Takashi Ito, Shinya Okumura, Hiroki Masano, Shoichi Kageyama, Satoshi Ogiso, Takayuki Anazawa, Koichiro Hata, Etsuro Hatano (Department of Surgery, Kyoto University, Japan)
- MO24-3 Acute Liver Failure with Hepatic Coma Saved by ABO-Incompatible Liver Transplantation: A Case Report**
Kazuki Sasaki, Shogo Kobayashi, Yoshifumi Iwagami, Daisaku Yamada, Yoshito Tomimaru, Takehiro Noda, Hidenori Takahashi, Yuichiro Doki, Hidetoshi Eguchi (Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Japan)
- MO24-4 Management and Clinical Impact of Anti-HLA Donor-specific Antibodies (DSA) in Living Donor Liver Transplantation**
Kenei Furukawa, Koichiro Haruki, Tomohiko Taniai, Mitsuru Yanagaki, Ryoga Hamura, Munetoshi Akaoka, Rui Marukuchi, Shinji Onda, Yoshihiro Shirai, Tadashi Uwagawa, Toru Ikegami (The Jikei University School of Medicine, Japan)

- MO24-5** **Lysophosphatidylinositol (16:0) as a Possible Cause of Ischemia Reperfusion Injury**
 Kengo Shibata¹, Moto Fukai^{1,2}, Takahiro Hayasaka¹, Sodai Sakamoto¹, Norio Kawamura^{1,2},
 Kenji Wakayama¹, Tsuyoshi Shimamura², Akinobu Taketomi¹ (¹ *Department of Gastroenterological
 Surgery I, Graduate School of Medicine, Hokkaido University, Japan,* ² *Division of Organ Transplantation,
 Hokkaido University Hospital, Japan*)
- MO24-6** **Novel Perspective of Antigen-presenting Neutrophils in Mediating Adaptive Immunity of
 HCC and Liver IR Injury**
 Yum Hung Fredrick Cheng, Sui Yan Tam, Wai Ho Yeung, Kwan Man
 (*The University of Hong Kong, Hong Kong*)

Mini Oral 25

16:30 - 17:15

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

■ Liver 5 (Transplant Oncology)

Chair: Shintaro Yagi (*Department of Hepato-Biliary-Pancreatic Surgery and Transplantation/Pediatric Surgery,
 Kanazawa University, Japan*)

- MO25-1** **Pre-transplant Treatment Is Not A Risk Factor for Hepatocellular Carcinoma Recurrence
 After LDLT**
 Hiroto Kayashima, Noboru Harada, Yuki Nakayama, Katsuya Toshida, Yuriko Tsutsui, Takahiro Tomiyama,
 Akinari Morinaga, Yukiko Kosai, Takahiro Tomino, Shohei Yoshiya, Yoshihiro Nagao, Shinji Itoh,
 Tomoharu Yoshizumi (*Department of Surgery and Science, Graduate School of Medical Sciences,
 Kyushu University, Japan*)
- MO25-2** **Optimizing the Safe Washout Period for Liver Transplantation Following Immune
 Checkpoint Inhibitors with Nivolumab or Pembrolizumab**
 Fang-Cheng Kuo^{1,3}, Cheng-Yen Chen^{1,3}, San-Chi Chen^{2,3}, Niang-Cheng Lin^{1,3}, Chin-Su Liu^{1,3} (¹ *Division of
 Transplantation Surgery, Department of Surgery, Taipei Veterans General Hospital, Taiwan,* ² *Division of
 Oncology, Department of Medicine, Taipei Veterans General Hospital, Taiwan,* ³ *College of Medicine,
 National Yang Ming Chiao Tung University, Taiwan*)
- MO25-3** **Tertiary Lymphoid Structures Promote HCC Immunotherapy Response**
 Jinyang Li, Xinxiang Yang, Jiye Zhu, Kwan Man (*Department of Surgery, The University of Hong Kong
 SAR, Hong Kong*)
- MO25-4** **The Outcomes of Liver Transplant and Liver Resection for Recurrent HCC Within 5-5-500
 Criteria**
 Yoshihiro Hirata, Yoshihito Kotera, Takaaki Kato, Goro Honda, Hiroto Egawa (*Division of Hepatobiliary
 and Pancreatic, Department of Surgery, Tokyo Women's Medical University, Japan*)
- MO25-5** **Living Donor Liver Transplantation for Primary Sclerosing Cholangitis with Colon Cancer
 and Hilar Cholangiocarcinoma After Intensity Modulated Radiotherapy**
 Shinichiro Ono, Yasunori Uesato, Yoshihiro Miyagi, Tokuro Baba, Masaaki Kuda, Yoji Nakamura,
 Tatsuya Kinjo, Hiroyuki Karimata, Mitsuhiisa Takatsuki (*Department of Digestive and General Surgery,
 Graduate School of Medicine, University of the Ryukyus, Japan*)
- MO25-6** **Living Donor Liver Transplantation for Hepatocyte Nuclear Factor 1 Homeobox Alpha
 (HNF1A)-Inactivated Hepatocellular Adenoma in Pediatric Patient**
 Young seok Han¹, JaRyung Han¹, Joo Dong Kim¹, Dong Lak Choi¹, Soo Young Park², Won Young Tak²,
 Yu Rim Lee², Se Young Jang² (¹ *Hepatobiliary-pancreas Surgery and Liver transplantation, Daegu
 Catholic University Medical Center, Republic of Korea,* ² *Department of Internal Medicine, Kyungpook
 National University Hospital, Republic of Korea*)

Mini Oral 26

16:30 - 17:15

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

Transplant Immunosuppression 2

Chair: Haruhito Azuma (Department of Urology, Faculty of Medicine, Osaka Medical and Pharmaceutical University, Japan)

- MO26-1 Hypothermic Machine Perfusion with H2 Gas Reduced Focal Injury in DCD Rat Liver but Failed to Restore Organ Function**
Moto Fukai¹, Kengo Shibata², Sodai Sakamoto¹, Masato Fujiyoshi¹, Sunao Fujiyoshi², Kosei Nakamura¹, Takahisa Ishikawa¹, Norio Kawamura³, Nur Khatijah Mohd Zin⁴, Hiroki Bochimoto⁴, Tsuyoshi Shimamura⁵, Akinobu Taketomi^{1,2,3} (¹ Gastroenterological Surgery 1, Hokkaido Univ. Graduate School of Medicine, Japan, ² Gastroenterological Surgery 1, Hokkaido Univ. Hospital, Japan, ³ Transplant Surgery, Hokkaido Univ. Graduate School of Medicine, Japan, ⁴ Department of Cell Physiology, The Jikei University School of Medicine, Japan, ⁵ Division of Organ Transplantation, Hokkaido Univ. Hospital, Japan)
- MO26-2 Initial Reduction of Tacrolimus with Additional Everolimus May Not Prevent Early Acute Rejection**
Hajime Sasaki^{1,2}, Tatsu Tanabe², Haruka Higuchi², Takashi Tsujimoto³, Hiroshi Harada² (¹ Jichi Medical University, Japan, ² Kidney Transplant Surgery, Sapporo City General Hospital, Japan, ³ Pharmacy, Sapporo City General Hospital, Japan)
- MO26-3 Efficacy and Safety of Early Everolimus Immunosuppressive Regimen in Kidney Transplant Recipients**
Ryohei Yamamoto¹, Mitsuru Saito¹, Nobuhiro Fujiyama², Yu Aoyama¹, Ryuichiro Sagehashi¹, Mizuki Kobayashi¹, Soki Kashima¹, Takatoshi Nara¹, Kazuyuki Numakura¹, Shintaro Narita¹, Tomonori Nabuchi¹ (¹ Urology, Akita University Graduate School of Medicine, Japan, ² Center for Kidney Disease and Transplantation, Akita University Hospital, Japan)
- MO26-4 Usefulness of Mycophenolic Acid AUC Measurement for Renal Transplant Patients**
Kazuya Kinoshita, Michihiro Maruyama, Satoshi Endo, Takuma Sasaki, Shunsuke Kainuma, Hiroki Morishita, Hisahiro Matsubara (Department of Frontier Surgery, Graduate School of Medicine, Chiba University, Japan)
- MO26-5 Effect of Tacrolimus Trough Level on De Novo Donor-Specific Antibody Production in Long-Term Renal Transplant Patients**
Nobuhiro Fujiyama¹, Mitsuru Saito^{1,2}, Ryouhei Yamamoto², Ryuichiro Sagehashi², Takuro Saito², Yu Aoyama², Kazuyuki Numakura², Shintaro Narita², Tomonori Nabuchi^{1,2} (¹ Center for Kidney Disease and Transplantation, Akita University Hospital, Japan, ² Department of Urology, Akita University Graduate School of Medicine, Japan)

Basic and Translational Sciences 2

Chair: Masayoshi Okumi (Department of Urology, Kyoto Prefectural University of Medicine, Japan)

- MO27-1 Does Postoperative Inhalation of Carbon Monoxide Prolong Pulmonary Allograft Survival in Miniature Swine?**
Hisashi Sahara¹, Mitsuhiro Sekijima¹, Takehiro Iwanaga¹, Yurika Ichinari¹, Masayuki Tasaki¹, Kazuhiro Takeuchi², Akira Shimizu², Kazuhiko Yamada¹ (¹ Division of Experimental Large Animal Research, Life Science and Laboratory Animal Research Unit, Center for Advanced Science Research and Promotion, Kagoshima University, Japan, ² Department of Analytic Human Pathology, Nippon Medical School, Japan)
- MO27-2 Farnesoid X Receptor Agonist Enhance the Function and Reduces Apoptosis of Pancreatic β - Cell Line**
Hyuk Jai Jang, Min Jae Jeong, Mee Young Oh (Surgery, Ulsan University, Gangneung Asan Hospital, Republic of Korea)
- MO27-3 Important Components of D2O Containing Solution for Liver Cold Storage Using an Isolated Perfused Rat Liver (IPRL)**
Moto Fukai¹, Kengo Shibata², Sodai Sakamoto¹, Masato Fujiyoshi¹, Sunao Fujiyoshi², Kosei Nakamura¹, Takahisa Ishikawa¹, Norio Kawamura³, Nur Khatijah Mohd Zin⁴, Hiroki Bochimoto⁴, Tsuyoshi Shimamura⁵, Akinobu Taketomi^{1,2,3} (¹ Gastroenterological Surgery 1, Hokkaido Univ. Graduate School of Medicine, Japan, ² Department of Gastroenterological Surgery 1, Hokkaido Univ. Hospital, Japan, ³ Department of Transplant Surgery, Hokkaido Univ. Graduate School of Medicine, Japan, ⁴ Division of Organ Transplantation, Hokkaido Univ. Hospital, Japan, ⁵ Department of Cell Physiology, The Jikei University School of Medicine, Tokyo)
- MO27-4 14-3-3 Zeta Enhanced Survival Signals in Renal Tubular Cells Subjected to Simulating Hypothermic Perfusion**
Moto Fukai¹, Kengo Shibata², Sodai Sakamoto¹, Masato Fujiyoshi¹, Sunao Fujiyoshi², Kosei Nakamura¹, Takahisa Ishikawa¹, Norio Kawamura³, Nur Khatijah Mohd Zin⁴, Hiroki Bochimoto⁴, Tsuyoshi Shimamura⁵, Akinobu Taketomi¹ (¹ Gastroenterological Surgery 1, Hokkaido Univ. Graduate School of Medicine, Japan, ² Gastroenterological Surgery 1, Hokkaido Univ. Hospital, Japan, ³ Department of Transplant Surgery, Hokkaido Univ. Graduate School of Medicine, Japan, ⁴ Department of Cell Physiology, The Jikei University School of Medicine, Japan, ⁵ Division of Organ Transplantation, Hokkaido Univ. Hospital, Japan)
- MO27-5 Rapid and Reliable Steatosis Rat Model (SHRSP5-Dmcr) for Cold Storage Experiments: A Preliminary Study**
Moto Fukai¹, Kengo Shibata², Sodai Sakamoto¹, Masato Fujiyoshi¹, Fujiyoshi Sunao², Kosei Nakamura¹, Takahisa Ishikawa¹, Norio Kawamura³, Nur Khatijah Mohd Zin⁴, Hiroki Bochimoto⁴, Tsuyoshi Shimamura⁵, Akinobu Taketomi^{1,2,3} (¹ Gastroenterological Surgery 1, Hokkaido Univ. Graduate School of Medicine, Japan, ² Gastroenterological Surgery 1, Hokkaido Univ. Hospital, Japan, ³ Department of Transplant Surgery, Hokkaido Univ. Graduate School of Medicine, Japan, ⁴ Department of Cell Physiology, The Jikei University School of Medicine, Japan, ⁵ Division of Organ Transplantation, Hokkaido Univ. Hospital, Japan)
- MO27-6 Urine-Derived Stem Cell Attenuated Renal Fibrosis via Klotho Activation**
Dae Eun Choi^{1,2}, Hojoon Ko¹, Eu Jin Lee¹, Young Rok Ham¹, Ki Ryang Na¹, Jin Young Jeong², Kang Wook Lee¹, Hae Ri Kim¹, Jin Young Jeong^{1,2} (¹ Nephrology, Chungnam National University, Republic of Korea, ² Medical Science, Chungnam National University, Republic of Korea)

Mini Oral 28

16:30 - 17:05

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

Other Topics 2

Chair: Seiichiro Shishido (Department of Nephrology, Toho University Faculty of Medicine, Japan)

MO28-1 Retroperitoneoscopic Donor Nephrectomy in the Right Side Provides Equivalent Outcomes and Donor Safety Comparable with Left Side

Sho Nishida¹, Takehiro Ohyama¹, Kyoko Minamisono¹, Hajime Sasaki¹, Kiyohiko Hotta², Nobuo Shinohara², Daiki Iwami¹ (¹ Division of Renal Surgery and Transplantation, Jichi Medical University, Japan, ² Department of Renal and Genitourinary Surgery, Graduate School of Medicine, Hokkaido University, Japan)

MO28-2 Transarterial Chemoembolization (TACE) with Radiotherapy for Solitary HCC Bone Metastasis After Living Donor Liver Transplantation

JaRyung Han, Young Seok Han, Joo Dong Kim, Dong Lak Choi (Hepatobiliary-pancreas Surgery and Liver Transplantation, Daegu Catholic University Medical Center, Republic of Korea)

MO28-3 Our First Experience of Simultaneous Liver and Kidney Transplantation

Shinya Morita¹, Sotaro Kitaoka¹, Ryohei Takahashi¹, Yasushi Hasegawa², Yohei Yamada², Kazunobu Shinoda³, Tadashi Yoshida⁴, Hideaki Obara², Hiroshi Asanuma¹, Ken Nakagawa⁵, Mototsugu Oya¹ (¹ Department of Urology, Keio University School of Medicine, Japan, ² Department of Surgery, Keio University School of Medicine, Japan, ³ Department of Urology, St. Marianna University School of Medicine, Japan, ⁴ Apheresis and Dialysis Center, Keio University School of Medicine, Japan, ⁵ Department of Urology, Tokyo Dental College Ichikawa General Hospital, Japan)

MO28-4 Investigation of Physical Conditions Affecting Visit Intervals in Outpatient Consultations

Keiko Maeda¹, Yumiko Sasaki¹, Junji Uchida² (¹ Osaka Metropolitan University Hospital, Japan, ² Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Japan)

MO28-5 Effects of Whole-body Vibration on Gait Ability and Balance Among Older Adult Hemodialysis Patients: A Randomized Controlled Trial

Yuta Asahina¹, Yusuke Sakaguchi², Sachio Kajimoto¹, Takayuki Kawaoka¹, Koki Hattori¹, Tatsufumi Oka¹, Jun-ya Kaimori², Yoshitaka Isaka¹ (¹ Department of Nephrology, Osaka University Graduate School of Medicine, Japan, ² Department of Inter-Organ Communication Research in Kidney Diseases, Osaka University Graduate School of Medicine, Japan)