

The 114th Annual Congress of Japan Surgical Society

Theme : The front line of surgery: collaborations between local hospitals and advanced medical care providers

Congress President : Shinji Uemoto

(Professor of Hepato-Biliary-Pancreatic Surgery and Transplantation, Dept of Surgery, Graduate School of Medicine, Kyoto Univ)

English Papers

1. Honorary Member Award Lecture

April 3rd (Thu.) 13 : 30–14 : 30 Room 3 (Room D, 1F, Kyoto International Conference Center)

Chairperson : Japanese Red Cross Medical Center, Japan Masatoshi Makuuchi

HL-1 Advances in liver surgery : What we have learned from Japan

HPB Surgery Dept, Beaujon Hospital, Clichy, France Jacques Belghiti

April 4th (Fri.) 13 : 30–14 : 30 Room 3 (Room D, 1F, Kyoto International Conference Center)

Chairperson : Professor (Emeritus), Dept of Surgery,

Teikyo Univ School of Medicine, Japan Tadahiro Takada

HL-2 A journey through pancreas—its tumors and its surgery

Center for Liver and Pancreatic Disease,

St Luke's Hospital System, Boise, Idaho, USA L. William Traverso

2. ACS Presidential Lecture

April 3rd (Thu.) 11 : 00–11 : 30 Room 1 (Main Hall, 1F, Kyoto International Conference Center)

Chairperson : International Univ of Health and Welfare, Japan Masaki Kitajima

APL Ensuring quality in surgical practice : The ACS perspective

Chairman, Dept of Surgery, Univ of Washington/

President, American College of Surgeons, USA Carlos A. Pellegrini

3. GSS Presidential Lecture

April 4th (Fri.) 10 : 20–10 : 50 Room 1 (Main Hall, 1F, Kyoto International Conference Center)

Chairperson : Nagoya Central Hospital, Japan Akimasa Nakao

GPL Peritonectomy and HIPEC—A critical evaluation

Clinic for General and Digestive Surgery,

Center for Endocrine and Oncological Surgery,

Diakoniekrankenhaus Henriettenstiftung, Hannover, Germany/

President, German Surgical Society Joachim Jaehne

4. Special Program

SP-2 Development of medical staff including mid-level provider and its beneficial effects on surgeon's working environment

April 3rd (Thu.) 13 : 30-15 : 00 Room 8 (Room A, 2F, Kyoto International Conference Center)
 Chairpersons : Dept of Cardiovascular Surgery, Kyushu Univ, Japan Ryuji Tominaga
 Dept Pediatric Surgery, Tohoku Univ, Japan Masaki Nio

SP-2-KL Keynote lecture : A development of mid-level providers in supporting liver transplantation
 Div of Transplant Surgery, Mayo Clinic Florida, Jacksonville, Florida, USA Justin H. Nguyen

SP-2-1 Introducing and qualifying the non-physician clinician for perioperative care
 Dept Surgery, Natinal Defense Medical College, Japan Tadaaki Maehara

SP-2-2 Preparation for work environment of surgeons
 Kobe City General Hospital, Japan Ryo Hosotani

SP-2-3 How to improve the surgeon's working environment and the quality of medical care by team medical care
 Dept Surgery, Saiseikai Kumamoto Hospital, Japan Hiroshi Takamori

SP-2-4 Physician assitant and nurse practitioner in USA
 Intermountain Medical Center Shiro Fujita

SP-2-5 Improvement of working environment of thoracic surgeons through the assistance of Japanese nurse practitioner
 Div Thoracic Surgery, Takasaki General Medical Center, Japan Masayuki Sugano

SP-2-6 Improvement of working condition of surgeons in university hospital of Tsukuba
 Dept of Surgery, Faculty of Medicine, Univ of Tsukuba, Japan Nobuhiro Ohkohchi

5. International Session

* : Travel Grant

** : GSS Exchange Traveller

*** : ACS Exchange Traveller

IS-1 Pancreatic surgery

April 3rd (Thu.) 13 : 30-15 : 00 Room 4 (Room E, 1F, Kyoto International Conference Center)
 Chairpersons : Dept of Gastroenterological Surgery Kagawa Univ, Japan Yasuyuki Suzuki
 Dept of Gastioenterological Surgery, Hirosaki Univ, Japan Kenichi Hakamada

IS-1-KL Keynote lecture : Minimally invasive oncologic pancreatic resections
 Dept of Surgery, Div of Minimally Invasive and Robotic Surgery,
 Univ of Illinois Hospital and Health Sciences System, USA Pier C Giulianotti

IS-1-1 Robotic surgical complexity score—a new tool for evaluating case complexity in computer-
 (*) enhanced oncologic surgery
 Carol Davila Univ of Medicine and Pharmacy, Romania Olivia Sgarbura

IS-1-2 Laparoscopic pancreatectomy for low grade malignancies of the pancreas
 Dept of Surgey, Nippon Medical School, Japan Tetsuya Shimizu

IS-1-3 How does splenectomy impact postoperative outcomes after distal pancreatectomy? A case-
 (*) control study
 Dept of General Surgery and Liver Transplant,
 Fundeni Clinical Institute, Romania Traian Dumitrascu

- IS-1-4 Vascular complications of pancreatitis
(*)
Dept of General Surgery, B.Y.L.Nair Hospital, India Dharmesh Balsarkar
- IS-1-5 < Withdraw >
- IS-1-6 Attenuation of experimental acute pancreatitis with Nrf2 activator therapy
(*)
Univ of California, Irvine, USA Lourdes Robles
- IS-1-7 Autophagy is needed for the growth of pancreatic adenocarcinoma and has a cytoprotective effect against anticancer drugs
Dept Gastroenterological Surgery, Kumamoto Univ, Japan Daisuke Hashimoto

IS-2 Liver transplantation

- April 3rd (Thu.) 13 : 30–15 : 00 Room 5 (Swan, 1F, Kyoto International Conference Center)
Chairpersons : Dept of Hepatobiliary, Pancreatic and Breast Surgery,
Ehime Univ, Japan Yasutsugu Takada
Artificial Organ & Transplantation Div,
Dept of Surgery, Univ of Tokyo, Japan Yasuhiko Sugawara
- IS-2-KL Keynote lecture : Surgical options for HCC in the UK and in the western world
Royal Free Hospital–UCL, London, UK Massimo Malago
- IS-2-1 Gamma-aminobutyric acid protects against mitochondrial dysfunction in mice with acute liver failure
(*)
Div Transplant Surgery, Dept Transplantation, Mayo Clinic Florida, USA Toshiyuki Hata
- IS-2-2 Long-term outcomes and surgical techniques of living donor liver transplantation for budd-chiari syndrome
Dept HBP Surgery and Transplantation, Japan Kentaro Kadono
- IS-2-3 Retro-duodenal reno-portal anastomosis in liver transplantation : Safe approach to portal vein thrombosis
(*)
Transplant Center, Cleveland Clinic, USA Masato Fujiki
- IS-2-4 Systemic inflammatory response syndrome refines kings criteria for selection of ALF patients for emergency liver transplantation
(*)
Medanta Institute of Liver Diseases and Transplantation, India Vikram Raut
- IS-2-5 Strategies and techniques in successful left lobe living donor liver transplantation in adults
Dept of Surgery and Science, Kyushu Univ, Japan Toru Ikegami
- IS-2-6 Treatment strategy on the basis of risk analysis for small-for-size syndrome and acute renal injury after living donor liver transplantation
Okayama Univ, Japan Yuzo Umeda
- IS-2-7 How far can we lower graft recipient weight ratio (GRWR) for LDLT under control of portal pressure?
Dept of HBP and Transplant Surgery, Japan Tadahiro Uemura

IS-3 Pediatric surgery

April 3rd (Thu.) 13 : 30–15 : 00 Room 7 (Room C-2, 1F, Kyoto International Conference Center)

Chairpersons : Dept of Pediatric Surgery and
Transplantation Kumamoto Univ, Japan Yukihiro Inomata
St. Marianna Univ School of
Medicine Div of Pediatric Surgery, Japan Hiroaki Kitagawa

IS-3-KL Keynote lecture : Optimizing techniques in living donor liver transplantation
Kaohsiung Chang Gung Memorial Hospital, Taiwan Chao-Long Chen

IS-3-1 Experience of small bowel/multivisceral transplantation in children
Dept of Surgery, Keio Univ, School of Medicine, Japan Ken Hoshino

IS-3-2 Stimulation of intestinal growth and function by DPP-4 inhibitor (MK-0626) in short bowel
syndrome model
Dept Pediatric Surgery, Juntendo Univ,
Dept Pediatric Surgery, Univ of Michigan, Japan Ryo Sueyoshi

IS-3-3 Is variation of extra-hepatic arterial anatomy in congenital hepatobiliary disorders is more than
(*)
normal population
ERAS Medical College, Lucknow, India Sthapak Eti

IS-3-4 Genome-scale promoter methylation analysis to establish a molecular-genetic marker for
treatment outcome in hepatoblastomas
Dept Gastroenterological Surgery I, Hokkaido Univ, Japan Shohei Honda

IS-3-5 Transpubic urethroplasty for posterior urethral strictures in children
(*)
New Civil Hospital and Govt Medical College, India Manish Jain

IS-3-6 Wnt antagonist FRZB1 inhibits skeletal myogenesis in chick embryos during early
embryogenesis
Dept of Pediatric General and Urogenital Surgery, Juntendo Univ, Japan Naho Fujiwara

IS-3-7 Is multiple session of intralesional sclerosing agent is must in congenital lymphatic malformation?
(*)
Dept of Pediatric Surgery, SGPGIMS, Lucknow, India Vijai Datta Upadhyaya

IS-4 Breast surgery/Endocrine surgery

April 3rd (Thu.) 13 : 30–15 : 00 Room 9 (Room B-1, 2F, Kyoto International Conference Center)

Chairpersons : Dept of Breast and Endocrine Surgery,
Kumamoto Univ, Japan Hirotaka Iwase
Dept of Breast Surgery, School of Medicine
Kyorin Univ, Japan Shigeru Imoto

IS-4-1 The clinical importance of BRCA1 promoter methylation and LOH in breast cancer
Dept Surgery and Science, Kyushu Univ, Japan Nami Yamashita

IS-4-2 Expression of androgen receptor (AR) in breast cancer in younger age with special relation to
(*)
molecular subtypes and response to anterior chemotherapy
Dept of Surgery, King George's Medical Univ U.P. Lucknow, India Akshay A. Agarwal

IS-4-3 Clinico-pathological attributes and outcomes of triple negative breast cancers (TNBC) : Results
(*)
of a case-control study
Dept of Endocrine Surgery, Sanjay Gandhi Post
Graduate Institute of Medical Sciences, India Gitika Nanda

- IS-4-4 Effect of neoadjuvant chemotherapy on hormone receptor (ER, PR) status and Her-2/Neu expression in carcinoma breast
(*)
King George's Medical Univ, UP, Lucknow, India Singh Saumya
- IS-4-5 Single port endoscopic skin-sparing total mastectomy with periareolar incision : Early results
Dept Breast Surgery, Nippon Medical School, Japan Koji Yamashita
- IS-4-6 Bidirectional approach of video assisted neck surgery (bavans) –Endoscopic complete central node dissection with cranio-caudal view for thyroid cancer
Dept Digestive & Breast & Thyroid Surgery, Kagoshima Univ Hospital, Japan Akihiro Nakajo
- IS-4-7 Optimal surgical management for papillary thyroid microcarcinoma in endemic zone—An experience from a thyroid surgery center of north india
(*)
Dept of Endocrine Surgery, Sanjay Gandhi Post
Graduate Institute of Medical Sciences, India Gyan Chand
- IS-4-8 Comparing malignancy profile in patients with thyrotoxicosis due to graves'disease (GD), toxic adenomas (TA)/multinodular goiters (TMNG) and hashimoto's thyroiditis (HT)—A retrospective analysis
(*)
Christian Medical College, India Ramakant Pooja
- IS-4-9 Parafibromin immunohistochemistry staining in parathyroid neoplasms
(*)
Dept of Endocrine Surgery, Sanjay Gandhi Post
Graduate Institute of Medical Sciences, Lucknow, India Roma Pradhan

IS-5 Colorectal surgery

- April 3rd (Thu.) 13 : 30–15 : 00 Room 16 (Prince Hall 2, B2F, Grand Prince Hotel Kyoto)
Chairpersons : Dept of Surgery Nerima Hikarigaoka Hospital, Japan Fumio Konishi
Dept of Surgery, National Defence Medical College, Japan Kazuo Hase
- IS-5-KL1 Keynote lecture : Current status of rectal cancer management in Sweden
Karolinska Institutet, Stockholm, Sweden Torbjörn Holm
- IS-5-KL2 Keynote lecture : History of TME & Perspectives of treatment for TME
The Pelican Cancer Foundation, UK Richard J. Heald
- IS-5-1 Risk factors for anastomotic leakage after intersphincteric resection for very low rectal cancer (focused on novel 3D-CT pelvic measurements)
Dept of Colorectal Surgery, Japanese Red Cross Medical Center, Japan Akira Toyoshima
- IS-5-2 How to prevent anastomotic leakage in laparoscopic low anterior resection for rectal cancer
Dept General and Gastroenterological Surgery, Japan Junji Okuda
- IS-5-3 Survival analysis of patients with pseudomyxoma peritonei of appendiceal origin treated by incomplete cytoreductive surgery and perioperative intraperitoneal chemotherapy
NPO to Support Peritoneal Surface Malignancy Treatment, Japan Liu Yang
- IS-5-4 Rectal cancer—Does participation on a voluntary observatory quality assurance study improve quality?
(**)
Dept for General, Visceral and Vascular Surgery, Univ of Magdeburg/
An Institute For Quality Assurance in Operative Medicine,
Univ of Magdeburg, Germany Pawel Mroczkowski
- IS-5-5 ABCG2 expression is associated with resistance to irinotecan in colorectal cancer
(*)
Dept General Surgery, Univ of Medical and Pharmacy at
Ho Chi Minh City, Vietnam Dinh Tuy Hoang

IS-6 Hepato-biliary surgery-1

April 4th (Fri.) 13 : 30-15 : 00 Room 4 (Room E, 1F, Kyoto International Conference Center)

Chairpersons : Univ of Tsukuba Dept of Surgery, Japan Nobuhiro Ohkohchi
Dept of Gastroenterological Surgery, Yokohama City Univ, Japan Itaru Endo

IS-6-KL Keynote lecture : Consecutively more than 300 living donor liver transplants a year at single center

Hepatobiliary Surgery and Liver Transplantation, Asan Medical Center,
Univ of Ulsan College of Medicine, Korea Sung-Gyu Lee

IS-6-1 Role of epigenetic modulation in both tumor and non-tumor liver tissues on risk of recurrence after hepatectomy for hepatocellular carcinoma : A possible implication for personalized medicine

Dept Surgery, Tokushima Univ, Japan Tohru Utsunomiya

IS-6-2 Clinical role of aldehyde dehydrogenase 1 expression in NBNC hepatocellular carcinoma patients after initial hepatectomy

Dept Surgery I, Sapporo Medical Univ Hospital, Japan Toru Mizuguchi

IS-6-3 Soluble thrombomodulin attenuates sinusoidal obstruction syndrome in rat through suppression of high mobility group box 1

(*)

Dumont-UCLA Transplantation Research Center, USA Kojiro Nakamura

IS-6-4 Long-term outcomes after surgical resection for gastric cancer liver metastasis

Dept Gastroenterological Surgery,

Cancer Institute Ariake Hospital, Japan Nobuyuki Takemura

IS-6-5 Intraoperative image-guided laparoscopic hepatectomy : Intraoperative virtual computed tomography imaging utilizing tracked ultrasound

Dept Gastroenterological & General Surgery, Showa Univ, Japan Takeshi Aoki

IS-6-6 Pure laparoscopic hepatectomy for HCC patients with chronic liver disease

Dept Surgery Fujita Health Univ, Ban-Buntane Houtokukai Hospital, Japan Jin Kawase

IS-6-7 Validation of our policy of long-term drains maintenance after hepatic resection : Results of a prospective cohort analysis

(*)

Liver Surgery Unit, Dept of Surgery,

Humanitas Clinical and Research Center, Italy Matteo Donadon

IS-7 Cardiovascular surgery

April 4th (Fri.) 13 : 30-15 : 00 Room 5 (Swan, 1F, Kyoto International Conference Center)

Chairpersons : Shiga Univ of Medical Science

Div of Cardiovascular Surgery, Japan Tohru Asai

Dept of Surgery The Jikei Univ of Medicine, Japan Takao Ohki

IS-7-1 Long-term results of ross and ross-konno procedures for congenital heart diseases

Tokyo Women's Medical Univ, Dept Cardiovascular Surgery, Japan Takeshi Hiramatsu

IS-7-2 Robot-assisted minimally invasive direct coronary artery bypass grafting : ThoraCAB

Dept General and Cardiothoracic Syugery, Kanazawa Univ, Japan Norihiko Ishikawa

IS-7-3 Outcome of early surgery for aortic infective endocarditis

Div of Cardiothoracic Surgery, Shiga Univ of Medical Science, Japan Shiho Naito

IS-7-4 Child-pugh score predicts survival after cardiac surgery for carcinoid heart disease

Deutsches Herzzentrum Berlin, Germany Takeshi Komoda

- IS-7-5 Total aortic arch replacement : Superior ventriculo-arterial coupling with decellularized allografts compared with conventional prostheses
(*)
Dept of Cardiac Surgery, Heart Center-Univ of Heidelberg, Germany Alexander Weymann
- IS-7-6 Midterm results open surgery for chronic Stanford type B aortic dissection
Dept Thorac Cardiovasc Surg, Hirosaki Univ, Japan Norihiro Kondo
- IS-7-7 The mouse aortocaval fistula accurately models human arteriovenous fistula maturation
(*)
Dept Surgery, Yale Univ School of Medicine, USA Kota Yamamoto
- IS-7-8 Does superficial venous surgery influence the deep vein hemodynamics?
(*)
Dept of Surgery, Lviv National Univ of Medicine, Ukraine Markiyan Soloviy
- IS-7-9 Factors predicting endovenous heat induced thrombosis following endovenous thermal ablation of saphenous veins
(*)
Dept of Surgery, Sanjay Gandhi Post
Graduate Institute of Medical Sciences, India Brajesh Singh

IS-8 Thoracic surgery

- April 4th (Fri.) 13 : 30-15 : 00 Room 9 (Room B-1, 2F, Kyoto International Conference Center)
Chairpersons : Dept. General Thoracic Surgery, Saitama Medical Univ,
International Medical Center, Japan Koichi Kaneko
Dept of General Thoracic Surgery,
Breast and Endocrinological Surgery,
Faculty of Medicine, Kagawa Univ, Japan Hiroyasu Yokomise
- IS-8-1 Virtual assisted lung mapping (VAL-MAP) for thoracoscopic sublobar lung resection : A novel operation-navigating strategy utilizing multiple bronchoscopic lung markings
Dept Thoracic Surgery, Kyoto Univ, Japan Masaaki Sato
- IS-8-2 An in-vivo lung perfusion in rats
(*)
Thoracic Surgery, Univ of Toronto, Canada Jin Sakamoto
- IS-8-3 Inhibition of the growth factor midkine by a novel small molecule compound to treat pulmonary adenocarcinoma
Dept General Surgery, Kawasaki Medical School, Japan Takuya Fukazawa
- IS-8-4 Complications of bronchial stapling in thoracic surgery : Multi-institutional review
Dept Oncology, Immunology and Surgery, Nagoya City Univ, Japan Motoki Yano
- IS-8-5 Survival after lung metastasectomy in colorectal cancer patients with reviously resected liver metastases
Dept General Thoracic Surgery, Maebashi Red Cross Hospital, Japan Mitsuhiro Kamiyoshihara
- IS-8-6 Impact of pregabalin in neuropathic pain following lung resection : A prospective study
Div of Thoracic Surgery, Japan Takahiro Homma

IS-9 Hepato-biliary surgery-2

- April 4th (Fri.) 13 : 30-15 : 00 Room 10 (Room B-2, 2F, Kyoto International Conference Center)
Chairpersons : Dept of Surgery The Jikei Univ of Medicine, Japan Katsuhiko Yanaga
Dept of Surgery Kansai Medical Univ, Japan Masanori Kon
- IS-9-KL Keynote lecture : Future perspectives of Robotics in HPB surgery
Dept of Surgery, Div of Minimally Invasive and Robotic Surgery,
Univ of Illinois Hospital and Health Sciences System, USA Pier C Giulianotti

- IS-9-1 Intraoperative navigation of the biliary anatomy using fluorescence imaging with ICG during laparoscopic cholecystectomy
Dept of Surgery, Dokkyo Medical Univ Koshigaya Hospital, Japan Nobumi Tagaya
- IS-9-2 Hepatic vein thrombosis of hepatocellular carcinoma is not contraindication for surgery
Hepato-Biliary-Pancreatic Surgery Div and Artificial Organ and Transplantation Div, Dept, Japan Takashi Kokudo
- IS-9-3 Bile leakage after hepatic resection : Our attempts for prevention and management towards zero-morbidity
Dept Surgery and Science, Kyushu Univ, Japan Yo-ichi Yamashita
- IS-9-4 Novel techniques to reduce postoperative complications after liver surgery
Dept Surgery, Kansai Medical Univ, Japan Masaki Kaibori
- IS-9-5 Different risk factors for incisional and organ/space surgical site infections after liver resection
(*)(LR)
Dept of Visceral Surgery, Univ Hospital of Lausanne, Switzerland Emilie Uldry
- IS-9-6 Extent of liver resection for gallbladder carcinoma
Div of Digestive and General Surgery, Niigata Univ, Japan Toshifumi Wakai

IS-10 Upper gastrointestinal tract surgery

- April 4th (Fri.) 13 : 30-15 : 00 Room 15 (Prince Hall 1, B2F, Grand Prince Hotel Kyoto)
Chairpersons : Dept of Surgical Oncology, Gifu Univ, Graduate School of Medicine, Japan Kazuhiro Yoshida
Div of Gastrointestinal Surgery Dept of Surgery Kobe Univ, Japan Yoshihiro Kakeji
- IS-10-KL Keynote lecture : German evidence-based S3-guideline of esophagogastric junction and gastric cancer
German Society of Surgery, Berlin, Germany Hans-Joachim Meyer
- IS-10-1 Predictors of lymph node involvement in T1 gastric carcinoma
(* * *)
Dept of Surgery, Massachusetts General Hospital, Boston, MA, USA John T. Mullen
- IS-10-2 Prognostic significance of negative lymph node count in patients with squamous cell carcinoma of the esophagus—A validation study in a high-volume cancer center cohort
Dept Gastroenterol Surgery, Cancer Institute Hospital, Japan Masayuki Watanabe
- IS-10-3 Optimum surgical approach for esophago-gastric junction tumors based upon the metastatic status of mediastinal lymph node
Dept of Surgery, Kinki Univ, Japan Tomoki Makino
- IS-10-4 Benefits of intracorporeal reconstruction after laparoscopic distal gastrectomy
Dept Gastroenterological Surgery, Japan Sang-Woong Lee
- IS-10-5 Effect of sleeve gastrectomy on body weight, food intake, glucose tolerance, and metabolic hormones level in two different rat models : Goto-kakizaki and diet-induced obese rat
(*)
Dept Surg, Ho Chi Minh City Medicine and Pharmacy Univ, Vietnam Trung Vo
- IS-10-6 Laparoscopic sleeve gastrectomy with duodenojejunal bypass (LSG-DJB) for treating type 2 diabetes mellitus (T2DM) in Japanese
Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube, Japan Yosuke Seki
- IS-10-7 Robot assisted bariatric surgery : Advantage for the super-obese (BMI \geq 50kg/m²)
(*)
Institute of Minimal Access, Metabolic and Bariatric Surgery, India Rahul Singh

6. The first JSS/GSS Topic Conference

JG Liver Transplantation

April 4th (Fri.) 13 : 30–15 : 00 Room 17 (Gold Room, B2F, Grand Prince Hotel Kyoto)

- Chairpersons : Tohoku Univ, Japan Susumu Satomi
 Clinic for General and Digestive Surgery,
 Center for Endocrine and Oncological Surgery,
 Diakoniekrankenhaus Henriettenstiftung,
 Hannover, Germany Joachim Jaehne
- JG-1 Surgical aspects in deceased donor liver transplantation
 Dept of General, Visceral and Transplant Surgery,
 Univ Hospital Heidelberg, Germany Peter Schemmer
- JG-2 CNI-free, everolimus-based immunosuppression early after liver transplantation : more risks or more chances?
 Dept of Surgery, Univ of Regensburg Medical Center,
 Regensburg, Germany Hans J. Schlitt
- JG-3 Our recent innovations in living donor liver transplantation
 Div of Hepato-Biliary-Pancreatic and Transplant Surgery,
 Dept of Surgery, Kyoto Univ, Japan Toshimi Kaido
- JG-4 Adjuvant immunotherapy using liver NK Cells enhances protective immunity against HCC recurrence and infectious complications in liver transplantation
 Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan Hideki Ohdan
- JG-5 Preemptive therapy for HCV after living donor liver transplantation
 Hepato-Biliary-Pancreatic Surgery Div,
 Artificial Organ & Transplantation Div, Dept, Japan Yasuhiko Sugawara

7. BJS Society Lecture

April 3rd (Thu.) 13 : 30–14 : 00 Room 13 (Royal Room, 1F, Grand Prince Hotel Kyoto)

- Chairperson : Dept of Colorectal Surgery, Fujita Health Univ, Japan Kotaro Maeda
- BJS Gallbladder surgery—are there any more advances?
 Clinical Surgery, Univ of Edinburgh, UK James Garden

8. SUS Lecture

April 3rd (Thu.) 14 : 00–14 : 30 Room 13 (Royal Room, 1F, Grand Prince Hotel Kyoto)

- Chairperson : Aichi Cancer Center, Japan Yuji Nimura
- SUS Glycogen storage disease Ia : A paradigm for the effect of metabolism on oncogenesis
 Dept of Pediatric Transplantation Children's Medical Center, Dallas, USA Dev M. Desai

9. Symposium

SY-4 Borderline Resectable Pancreatic Cancer –perspectives for preoperative diagnosis and treatment strategy –

April 4th (Fri.) 15 : 00–17 : 00 Room 8 (Room A, 2F, Kyoto International Conference Center)

Chairpersons : Dept Hepatobiliary Pancreatic and Transplant Surg, Mie Univ, Japan Shuji Isaji
 Second Dept Surgery, Wakayama Medical Univ, Japan Hiroki Yamaue
 Special Speaker : Mie Univ, Japan Ryuji Mizumoto

SY-4-KL Keynote lecture : Borderline resectable pancreatic cancer : Questions and controversies
 Surgical Oncology MD Anderson Cancer Center, USA Matthew HG Katz

SY-4-1 Clinical features and treatment outcome of borderline resectable PC : A multi-institutional survey by the Japanese Society of Pancreatic Surgery and our institutional outcome of chemoradiotherapy
 Dept Hepatobiliary Pancreatic and Transplant Surgery, Mie Univ, Japan Masashi Kishiwada

SY-4-2 Preoperative gemcitabine-based chemoradiation therapy for resectable and borderline resectable pancreatic head cancer
 Dept Surgery, Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan Hidenori Takahashi

SY-4-3 Borderline resectable pancreatic cancer—Therapeutic effect of neoadjuvant chemoradiotherapy and limit of preoperative diagnosis
 Dept Gastroenterological Surg (Surg II), Nagoya Univ, Japan Tsutomu Fujii

SY-4-4 Strategy for borderline resectable pancreatic cancer : Evaluation of NCCN guideline and neoadjuvant GS therapy
 Dept Surgery, Div Hepato-Biliary-Pancreatic Surgery, Tohoku Univ, Japan Fuyuhiko Motoi

SY-4-5 Outcome of surgical strategy including DP-CAR for the treatment of borderline resectable pancreatic body cancer with comparison to that of pancreatic head cancer
 Dept of Gastroenterological Surgery II, Hokkaido Univ, Graduate School of Medicine, Japan Toru Nakamura

SY-4-6 Preoperative diagnosis and surgical strategy of borderline resectable pancreatic body carcinoma
 Second Dept of Surgery, Wakayama Medical Univ, Japan Kenichi Okada

SY-4-7 Hepatic micrometastases detected in borderline resectable pancreatic cancer
 Dept Digestive Surgery, Niigata City General Hospital, Japan Naoyuki Yokoyama

SY-7 Innovation in liver transplantation

April 5th (Sat.) 13 : 30–15 : 30 Room 2 (Sakura, 1F, Kyoto International Conference Center)

Chairpersons : Dept Hepato-Biliary-Pancreatic Surgery,
 Tokyo Medical and Dental Univ, Japan Minoru Tanabe
 Dept Surgery, Nagasaki Univ, Japan Susumu Eguchi
 Special Speaker : Hiroshima Univ, Japan Toshimasa Asahara

SY-7-KL Keynote lecture : Innovations in living donor liver transplantation : Asian experience
 Dept of Surgery, The Univ of Hong Kong, Queen Mary Hospital, Hong Kong, China Chung-Mau Lo

SY-7-1 Clinical immunotherapy of liver natural killer cells for liver transplant recipients with hepatocellular carcinoma
 Dept of Gastroenterological and Transplant Surgery, Japan Masahiro Ohira

- SY-7-2 Tolerance induction by regulatory T cell-based immunotherapy in living donor liver transplantation
Dept of Transplant Surgery, Graduate School of Medicine,
Hokkaido Univ, Japan Kenichiro Yamashita
- SY-7-3 Challenges in pediatric liver transplantation with reduced liver graft “a single center experience”
Transplantation Center, National Center for
Child Health and Development, Japan Hiroyuki Kanazawa
- SY-7-4 Treatment strategy for recurrent hepatitis C after liver transplantation
Dept Gastroenterology and Hepatology, Kyoto Univ, Japan Yoshihide Ueda
- SY-7-5 Innovation of living donor liver transplantation in Nagasaki University
Dept Surgery, Nagasaki Univ, Japan Mitsuhsa Takatsuki
- SY-7-6 Treatment strategy for improving prognosis after living donor liver transplantation
Dept of Surgery and Science, Kyushu Univ, Japan Tomoharu Yoshizumi
- SY-7-7 Our recent innovation in liver transplantation
Div of Hepato-Biliary-Pancreatic and Transplant Surgery,
Dept Surgery, Kyoto Univ, Japan Toshimi Kaido
- SY-7-8 Our current strategy for immunosuppression in living donor liver transplantation
Surgery, Keio Univ School of Medicine, Japan Masahiro Shinoda
- SY-7-9 Mechanism and strategy for antibody mediated rejection in liver transplantation
Dept of Surgery, Institute of Gastroenterology,
Tokyo Womens' Medical Univ, Japan Hiroto Egawa

10. Video Symposium

VS-7 Laparoscopic pancreatic resections

- April 5th (Sat.) 13 : 30–15 : 30 Room 8 (Room A, 2F, Kyoto International Conference Center)
Chairpersons : Dept Surgery and Oncology, Kyushu Univ, Japan Masao Tanaka
Div of Hepato-Biliary-Pancreatic and Transplant Surgery,
Dept Surgery, Kyoto Univ, Japan Kyoichi Takaori
Special Speaker : Kyorin Univ, Japan Yutaka Atomi
- VS-7-KL Keynote lecture : Laparoscopic pancreatic resection for cancer : Current evidence and rationale
Mayo Clinic College of Medicine, USA Michael L. Kendrick
- VS-7-1 Laparoscopic distal pancreatectomy, indication and pancreatic fistula
Dept Digestive Surgery, Kawasaki Medical School, Japan Masafumi Nakamura
- VS-7-2 Non-standard laparoscopic pancreatic surgery
Dept of Surgery and Oncology, Japan Takao Ohtsuka
- VS-7-3 Technique of laparoscopic pancreatectomy for pancreatico-biliary malignant diseases
Dept Surgery, Nippon Medical School, Japan Yoshiharu Nakamura
- VS-7-4 Laparoscopic pancreatectomy with D2 lymphnode dissection
3rd Dept Surgery, Tokyo Med Univ, Japan Yuichi Nagakawa
- VS-7-5 Laparoscopic pancreaticoduodenectomy : technique and outcomes
Dept Surgery, Nagasaki Univ, Japan Tamotsu Kuroki

- VSY-7-6 Precedent treatment of arteries by mobilization of right colon during right mesenteric approach
in laparoscopic pancreaticoduodenectomy
Dept of Surgery, Mitsubishi Kyoto Hospital, Japan Masaya Nakauchi
- VSY-7-7 Safe and sure laparoscopic pancreatic surgery for residents
Osaka Police Hospital, Japan Masayuki Tori

11. Panel Discussion

PD-1 State of the art of basic research in cell/organ transplantation

April 3rd (Thu.) 8 : 30–10 : 30 Room 4 (Room E, 1F, Kyoto International Conference Center)

Chairpersons : Div of Development of Advanced Treatment,
Jichi Medical Univ, Japan Eiji Kobayashi
Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan Hideki Ohdan
Special Speaker : Meikai Univ, Japan Masumi Nozawa

- PD-1-KL Keynote lecture : From ODANO NAOTAKE and JOHANNES SOBOTTA to Generation Y ;
Surgical education and research in Japan and Germany today
Institute of Laboratory Animal Science and Experimental Surgery,
RWTH Aachen Univ, Aachen, Germany Rene H. Tolba
- PD-1-1 Optical regulation and monitoring of intracellular function/Environment for transplantation
Lab Mol Func Bio-Imaging, Graduate School of Health Sciences,
Hokkaido Univ, Japan Michitaka Ozaki
- PD-1-2 Establishment of allogeneic or xenogeneic tolerance models using next generation humanized
mouse
Dept Gastroenterol and Transplant Surg, Hiroshima Univ, Japan Hiroyuki Tahara
- PD-1-3 Research and development of blood substitute
Dept Immuno&Microbiol, National Defense Medical College, Japan Manabu Kinoshita
- PD-1-4 Development of transplantable recellularized porcine liver graft using bioscaffold decellularized
liver matrix
Dept Transplant Surgery, Jichi Medical Univ, Japan Taizen Urahashi
- PD-1-5 Decellularized whole-organ scaffold with stem cell technology for novel regenerative medicine
approach
Dept Surgery, Keio Univ, Japan Kenta Inomata
- PD-1-6 Toward regeneration of neo-myocardium : Transplantation of an efficient piling up of
pluripotent stem cell-derived cardiac tissue-like sheets
Dept Cardiovascular Surgery, Kyoto Univ, Japan Takehiko Matsuo
- PD-1-7 Investigation for the elimination of the iPS cell-derived teratoma by targeting undifferentiated
iPS cell-specific antigens
Dept Cardiovascular Surgery, Osaka Univ, Japan Takuji Kawamura

12. Luncheon Seminar

April 3rd (Thu.) 12 : 20–13 : 10 Room 6 (Room C-1, 1F, Kyoto International Conference Center)
Chairperson : Dept of Surgery, Iwate Medical Univ, Japan Go Wakabayashi

- LS-5 Current status of laparoscopic liver resection in Korea
Dept of Surgery, Yeungnam Univ Medical Center, Korea Hong-Jin Kim
〈Co-sponsored : TAIHO Pharmaceutical Co., Ltd.〉

- LS-7 Hepatectomy and adjuvant chemotherapy for colorectal liver metastasis
 April 3rd (Thu.) 12 : 20–13 : 10 Room 8 (Room A, 2F, Kyoto International Conference Center)
 Chairperson : Div of Hepato–Biliary–Pancreatic and Transplant Surgery,
 Dept Surgery, Kyoto Univ, Japan Etsuro Hatano
- LS-7-1
 Hepato–Biliary–Pancreatic Surg Div, Univ of Tokyo, Japan Kiyoshi Hasegawa
- LS-7-2
 HPB Surgery, Dept of Digestive Surgery & Transplantation
 Univ Hospital of Hautepierre Strasbourg, France Philippe Bachellier
 〈Co–sponsored : Merck Serono Co.,Ltd. /Bristol – Myers K.K. 〉
- April 3rd (Thu.) 12 : 20–13 : 10 Room 12 (Room K, 2F, Kyoto International Conference Center)
 Chairperson : Div of Hepato–Biliary–Pancreatic and Transplant Surgery,
 Dept Surgery, Kyoto Univ, Japan Toshimi Kaido
- LS-11 Glycine–potential therapeutic effects of a simple non–toxic amino acid
 Dept of General, Visceral and Transplant Surgery,
 Univ Hospital Heidelberg, Germany Peter Schemmer
 〈Co–sponsored : Otsuka Pharmaceutical Factory, Inc. 〉
- LS-13 Procedural Analysis on Laparoscopic Ventral Hernia Repair – Report from Japan and Belgium –
 April 3rd (Thu.) 12 : 20–13 : 10 Room 15 (Prince Hall 1, B2F, Grand Prince Hotel Kyoto)
 Chairperson : Dept of Gastrointestinal Surgery, Kyoto Univ, Japan Yoshiharu Sakai
- LS-13-1
 Dept of Surgery, Tohoku Univ, Japan Takeshi Naitoh
- LS-13-2
 Univ Hospital of Tivoli, Belgium Elie Chelala
 〈Co–sponsored : Covidien Japan Inc. 〉
- April 4th (Fri.) 12 : 20–13 : 10 Room 6 (Room C–1, 1F, Kyoto International Conference Center)
 Chairperson : Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan Hideki Ohdan
- LS-20 Evolving endpoints in liver transplant immunosuppression
 Cleveland Clinic, USA John J. Fung
 〈Co–sponsored : Astellas Pharma Inc. 〉
- April 5th (Sat.) 12 : 20–13 : 10 Room 6 (Room C–1, 1F, Kyoto International Conference Center)
 Chairperson : Dept Surgery, Nagasaki Univ, Japan Susumu Eguchi
- LS-36 Liver transplantation in critically ill patients : technical and immunological considerations
 Univ Hospital Regensburg, Germany Hans J. Schlitt
 〈Co–sponsored : Astellas Pharma Inc. 〉

April 5th (Sat.) 12 : 20-13 : 10 Room 9 (Room B-1, 2F, Kyoto International Conference Center)
Chairperson : Div of Hepato-Biliary-Pancreatic and Transplant Surgery,
Dept Surgery, Kyoto Univ, Japan Shinji Uemoto

LS-39 Attempts to improve management of patients with liver cancer
Imperial College, London, UK Nagy Habib
〈Co-sponsored : NIPRO CORPORATION〉

April 5th (Sat.) 12 : 20-13 : 10 Room 11 (Room I, 2F, Kyoto International Conference Center)
Chairperson : Dept of Surgery, Sapporo Hokuyu Hospital / Asahikawa Medical Univ, Japan Michio Mito

LS-41 Ischemia-Reperfusion injury in organ transplantation : An undefined conundrum?
Div of Liver and Pancreas Transplantation,
Dumont-UCLA Transplant Center, CA, USA Jerzy W. Kupiec-Weglinski
〈Co-sponsored : CSL Behring K.K.〉

LS-46 The latest Laparoscopic procedure of Rectal cancer -Japanese standard-

April 5th (Sat.) 12 : 20-13 : 10 Room 16 (Prince Hall 2, B2F, Grand Prince Hotel Kyoto)
Chairperson : Dept of Surgery, Kitasato Univ, Japan Masahiko Watanabe
Special Speaker : The Pelican Cancer Foundation, UK Richard J. Heald

LS-46-1
Dept of Gastroenterological Surgery, Toranomon Hospital, Japan Hisashi Shinohara

LS-46-2
Dept Gastrointestinal Surgery, Kyoto Univ, Japan Yoshiharu Sakai
〈Co-sponsored : Covidien Japan Inc.〉