

## The 117<sup>th</sup> Annual Congress of Japan Surgical Society

Theme : Clinical Safety and Contemplation of Surgical Science

Congress President : Hiroyuki Kuwano

(Dept of General Surgical Science Graduate School of Medicine, Gunma Univ)

### English Papers

#### 1. Special Lecture

April 27<sup>th</sup> (Thu.) 10 : 50-11 : 20 Room 1 (National Convention Hall 1F)

Chairperson : JR Sapporo Hosp, Japan Koichi Hirata

SPL Designing high-reliability surgical health care

Children's Hosp of Michigan, Wayne State Univ

School of Medicine, Detroit, MI, USA Paul Randall Barach

#### 2. Honorary Member Award Lecture

April 27<sup>th</sup> (Thu.) 14 : 20-15 : 00 Room 1 (National Convention Hall 1F)

Chairperson : Dept of Surgery, Tokushima Univ, Japan Mitsuo Shimada

HL-1 Digestive surgery and the future of surgery

Digestive Pathology, Institut Mutualiste Montsouris (IMM), France Brice Gayet

April 28<sup>th</sup> (Fri.) 8 : 50-9 : 30 Room 1 (National Convention Hall 1F)

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

HL-2 Trust and communication in the life of a surgeon

Dept of Surgery, Univ of Washington, Seattle WA, USA Carlos A. Pellegrini

#### 3. American College of Surgeons Presidential Lecture

April 27<sup>th</sup> (Thu.) 15 : 00-15 : 30 Room 1 (National Convention Hall 1F)

Chairperson : Dept of Surgery, The Jikei Univ School of Medicine, Japan Katsuhiko Yanaga

ACS The American College of Surgeons enters its second century : Its role in quality and education

Dept of Surgery, The Univ of Texas Medical Branch, USA Courtney M. Townsend, Jr.

**4. German Society of Surgery Presidential Lecture**April 27<sup>th</sup> (Thu.) 15 : 30-16 : 00 Room 1 (National Convention Hall 1F)Chairperson : Joyo Ejiri Hosp, Japan **Masayoshi Okada**

GSS Polytrauma care in Germany—An interdisciplinary surgical challenge

Klinik für Unfall-, Hand- &amp; Wiederherstellungschirurgie,

Uniklinik Homburg, Germany **Tim Pohlemann****5. Society of University Surgeons Presidential Lecture**April 28<sup>th</sup> (Fri.) 8 : 25-8 : 50 Room 1 (National Convention Hall 1F)Chairperson : Shimonoseki City Hosp, Japan **Masao Tanaka**

SUS Reducing readmission : What strategies will work?

Dept of Surgery, Univ of Wisconsin School of Medicine and

Public Health, USA **Sharon Marie Weber****6. British Journal of Surgery Society Presidential Lecture**April 27<sup>th</sup> (Thu.) 16 : 00-16 : 30 Room 1 (National Convention Hall 1F)Chairperson : Nagasaki City Hosp Organization, Japan **Takashi Kanematsu**

BJS Training to be a clinician in the 21st century : The importance of clinical skills centres, and quality control

Dept of Surgery, Skane Univ Hosp, Lund, Sweden **Anders Olof Bergenfelz****7. The 4th JSS/GSS Topic Conference****JG Liver metastasis**April 28<sup>th</sup> (Fri.) 10 : 00-11 : 20 Room 10 (Conference Center 5F 501)Chairpersons : Secretary General, German Society of Surgery, Germany **Hans-J. Meyer**

Dept of HBP Surgery, Artificial Organ and Transplantation,

Tokyo Univ, Japan **Norihiro Kokudo**

JG-1 Surgical management of colorectal liver metastases—Individualized patient-tailored strategies

Dept of General, Visceral and Cancer Surgery, Univ Hosp of Cologne,

Germany **Christiane J. Bruns**

JG-2 ALPPS and two stage hepatectomy for colorectal liver metastases

Univ Medical Center of the Johannes Gutenberg Univ, Dept of General,

Visceral and Transplantation Surgery, D-Mainz, Germany **Hauke Lang**

JG-3 Associating liver partial partition and transileocecal portal vein embolization for staged hepatectomy

HBP Surgery Div, Artificial Organ and Transplant Div,

Dept of Surgery, Tokyo Univ, Japan **Yoshihiro Sakamoto**

- JG-4 Modified ALPPS procedures avoiding division of portal pedicles  
Dept Surgery, Teikyo Univ Chiba Medical Center, Japan **Kuniya Tanaka**
- JG-5 Laparoscopic versus open liver resection for colorectal liver metastases with propensity score matching : A multi-institutional Japanese study  
Dept of Surgery, Yamaga City Medical Center, Japan **Toru Beppu**

## 8. Symposium

### SY-1 State of the art coloproctological surgery [International/Video]

April 27<sup>th</sup> (Thu.) 14 : 30-16 : 30 Room 2 (Conference Center 1F Main Hall)

Chairpersons : Coloproctology Center, Tokyo Yamate Medical Center, Japan **Rikisaburo Sahara**  
Dept Digestive and General Surgery, Saitama Medical Center,  
Saitama Medical Univ, Japan **Hideyuki Ishida**

- SY-1-1 State of the art : Transanal total mesorectal excision (TaTME)  
Dept of Gastrointestinal Surgery, Hosp Clinic, Barcelona, Spain **Antonio M. Lacy**

- SY-1-2 Knacks and pit falls in laparoscopic ISR and APR using TaTME technique  
Dept of Surgery, Kyoto Univ, Japan **Koya Hida**

- SY-1-3 State-of-the-art surgical treatment for lower rectal cancer provided by robotic and transanal laparoscopic approach.  
Dept of Surgery, Saga Univ, Japan **Akinari Nomura**

- SY-1-4 Sling rectopexy by modified Ripstein method for complete rectal prolapse, beyond the RCT with modified Wells method  
Dept of Surgery, Kasai City Hosp, Japan **Tokihito Nishida**

- SY-1-5 Kono-S anastomosis for Crohn's disease  
Dept of Surgery, Fujita Health Univ, Japan **Hidetoshi Katsuno**

### SY-2 Multidisciplinary treatment for locally advanced esophageal cancer [International]

April 27<sup>th</sup> (Thu.) 8 : 00-10 : 00 Room 3 (Conference Center 3F 301+302)

Chairpersons : Dept Gastroenterological Surgery, Toranomon Hosp, Japan **Harushi Udagawa**  
First Dept of Surgery, Dokkyo Medical Univ, Japan **Hiroyuki Kato**

- SY-2-1 Neoadjuvant treatment is standard today in the treatment of locally advanced esophageal Ca  
Univ Medical Center, Freiburg, Germany **Jörg Rüdiger Siewert**

- SY-2-2 International collaboration in oesophageal cancer management  
Div of Thoracic Surgery, Dept of Surgical Oncology,  
Tata Memorial Centre, India **C. S. Pramesh**

- SY-2-3 The proper indication of neoadjuvant chemotherapy and chemoradiotherapy for the patients with esophageal cancer  
Dept of Surgery and Science, Kyushu Univ, Japan **Yuichiro Nakashima**
- SY-2-4 Triplet chemotherapy regimens followed by surgery for advanced esophageal carcinoma  
Dept of Surgical Oncology, Gifu Graduate School of Medicine, Japan **Yoshihiro Tanaka**
- SY-2-5 Optimal induction treatment based on analysis of prognostic factors for esophageal cancer invading adjacent organs  
Dept of Gastroenterological Surgery,  
Graduate School of Medicine, Osaka Univ, Japan **Tomoki Makino**
- SY-2-6 Esophageal bypass surgery followed by definitive chemoradiotherapy can become an effective therapeutic strategy, improving the poor QOL of patients with locally advanced esophageal carcinoma  
Dept Esophageal Surgery, Tokyo Med and Dent Univ, Japan **Yasuaki Nakajima**
- SY-3 Laparoscopic gastrectomy with D2 lymph nodes dissection—knack and pitfalls— [International/Video]**
- April 27<sup>th</sup> (Thu.) 14 : 30–16 : 30 Room 4 (Conference Center 3F 303+304)
- Chairpersons : Div of Gastric Surgery, Shizuoka Cancer Center, Japan **Masanori Terashima**  
Dept of Surgery, Gastroenterological Center, Yokohama City Univ, Japan **Chikara Kunisaki**  
Special Speaker : Oita Univ, Japan **Seigo Kitano**
- SY-3-1 How I do robot assisted gastrectomy for cancer  
Dept of Surgery, Seoul National Univ College of Medicine, Korea **Han-Kwang Yang**
- SY-3-2 Crossover method for D2 dissection in suprapancreatic area under laparoscopic gastrectomy  
Dept of Gastroenterological Surgery, Saitama Cancer Center, Japan **Kazuhiisa Ehara**
- SY-3-3 Standardization of laparoscopic D2 nodal dissection for advanced gastric cancer  
Dept of Surgery, Himeji Medical Center, Japan **Seiji Satoh**
- SY-3-4 Technical procedure for secure lymphadenectomy along the splenic artery in laparoscopic total gastrectomy  
Dept of Surgery and Oncology, Kyushu Univ, Japan **Eishi Nagai**
- SY-3-5 Knacks of the assistant operator in laparoscopic distal gastrectomy with D2 lymphadenectomy  
Dept of Gastrointestinal Surgery, Tokyo Medical and Dental Univ, Japan **Mikito Inokuchi**

- SY-3-6 Technical aspects of laparoscopic gastrectomy for advanced gastric cancer : Outermost layer-oriented D2 dissection  
Cancer Center, School of Medicine, Keio Univ, Japan **Koichi Suda**
- SY-5 Current status and future perspectives on artificial heart therapy in Japan 【International】**  
April 27<sup>th</sup> (Thu.) 8 : 00-10 : 00 Room 13 (Annex Hall 2F F201)  
Chairpersons : Dept of Cardiovascular Surgery, Osaka Univ, Japan **Yoshiki Sawa**  
Dept of Cardiac Surgery, Tokyo Univ, Japan **Minoru Ono**  
Special Speaker : Tokyo Women's Medical Univ, Japan **Hitoshi Koyanagi**
- SY-5-1 Improvement of left ventricular device therapy—Do we still need heart transplantation?  
Dept of Cradiothoracic Surgery, Heart and Diabetes Center NRW, Germany **Jan Fritz Gummert**
- SY-5-2 Prediction of dominant VAD therapy era for severe heart failure in Japan  
Dept of Cardiovascular Surgery, Graduate School of Medicine,  
Nagoya Univ, Japan **Kazuro Fujimoto**
- SY-5-3 A lesson from 5-years experience with the implantable ventricular assist devices as  
bridge to transplant  
Dept of Cardiovascular and Thoracic Surgery, Hokkaido Univ, Japan **Tomonori Ooka**
- SY-5-4 Current status and perspective of ventricular assist device in Japan—Expansion of  
indication for implantable ventricular assist device  
Dept of Cardiovascular Surgery, Saitama Medical Univ  
International Medical Center, Japan **Shoichi Irie**
- SY-5-5 Fourteen years experience of program for mechanical circulatory support in a single  
institute : Comprehensive review and future directions  
Div of Cardiovascular Surgery, Tohoku Univ Hosp, Japan **Masatoshi Akiyama**
- SY-5-6 The future expectation of implantable left ventricular assist device  
Dept of Cardiovascular Surgery, Kyushu Univ Hosp, Japan **Yoshihisa Tanoue**
- SY-5-7 Can we achieve excellent outcomes in DT as in LVAD-BTT?  
Dept of Cardiovascular Surgery, Osaka Univ, Japan **Koichi Toda**
- SY-5-8 Recent advancement of ventricular assist device treatment in pediatric patients  
Dept of Cardiac Surgery, The Univ of Tokyo, Japan **Minoru Ono**

- SY-6 Resection and reconstruction technique for advanced lung cancer invading trachea or bifurcation**  
**【International/Video】**  
 April 27<sup>th</sup> (Thu.) 14 : 30–16 : 30 Room 15 (Annex Hall 2F F203+ F 204)  
 Chairpersons : Dept of Thoracic Surgery, Kyoto Univ, Japan **Hiroshi Date**  
 Dept of General Thoracic Surgery, Dokkyo Medical Univ, Japan **Masayuki Chida**
- SY-6-1 Carinal resection**  
 Div of Thoracic Surgery, Sapienza Univ of Rome, Sant' Andrea Hosp, Italy  
 Lorillard, Spencer, Cenci Foundation, Italy **Erino A. Rendina**  
 Assistant Prof of Thoracic Surgery, Sapienza Univ, Roma Italy **Claudio Andreotti**
- SY-6-2 Carinal pneumonectomy for lung cancer**  
 Dept of Thoracic Surgery, Juntendo Univ, Japan **Kenji Suzuki**
- SY-6-3 Sleeve pneumonectomy for primary lung cancer—Technique and long-term result—**  
 Dept of General Thoracic, Breast and Pediatric Surgery,  
 Fukuoka Univ School of Medicine, Japan **Takeshi Shiraishi**
- SY-6-4 Techniques and new ideas for tracheal and carinal resection**  
 Dept of Surgical Oncology, Nagasaki Univ, Japan **Keitaro Matsumoto**
- SY-6-5 The approach and reconstruction for tracheal and carinal tumor**  
 Dept of General Thoracic Surgery, Univ of Tsukuba, Japan **Yukio Sato**
- SY-6-6 Is distinction between montage and Miyamoto methods necessary?**  
 Dept of General Thoracic Surgery, Dokkyo Medical Univ, Japan **Masayuki Chida**
- SY-7 Precision medicine—bench to bedside— 【International】**  
 April 27<sup>th</sup> (Thu.) 8 : 00–10 : 00 Room 16 (Annex Hall 2F F205+ F 206)  
 Chairpersons : Dept Breast Endocrine Surgery, Osaka Univ, Japan **Shinzaburo Noguchi**  
 Dept of Surgery, Kyushu Univ Beppu Hosp, Japan **Koshi Mimori**  
 Special Speaker : Dept of Molecular Pharmacology and Oncology, Gunma Univ, Japan  
**Masahiko Nishiyama**
- SY-7-1 Integrated analysis of multidimensional genomic data on CALGB 40601 (Alliance), a randomized neoadjuvant phase III trial of weekly paclitaxel and trastuzumab with or without lapatinib for HER2-positive breast cancer**  
 Lineberger Comprehensive Cancer Center, Univ of North Carolina, USA **Maki Tanioka**
- SY-7-2 Significance of molecular subtypes and therapeutic resistance mechanisms in hepato-biliary-pancreatic malignancies for precision cancer medicine**  
 Dept of Molecular Oncology, Tokyo Med Dent Univ, Japan **Shinji Tanaka**

- SY-7-3 Precision medicine for intractable malignancies, such as esophageal cancer cases representatively  
Dept of Surgery, Kyushu Univ Beppu Hosp, Japan **Yohsuke Kuroda**
- SY-7-4 Clinical sequencing in 201 colorectal cancer patients for precision medicine in Japan  
Div of Digestive and General Surgery, Niigata Univ, Japan **Masayuki Nagahashi**
- SY-7-5 Associations between clinical outcomes and the expressions of deoxycytidine kinase and equilibrative nucleoside transporter in patients with pancreatic cancer  
Dept Surgery, Tohoku Univ, Japan **Hideo Ohtsuka**
- SY-7-6 Wnt5a expression is associated with high-grade malignancy in ER-positive breast cancer  
Dept of Surgical Oncology, Hiroshima Univ, Japan **Takayuki Kadoya**
- SY-9 Current status of living donor liver transplantation [International]**  
April 28<sup>th</sup> (Fri.) 15 : 30–17 : 30 Room 10 (Conference Center 5F 501)  
Chairpersons : Dept of HBP Surgery, Artificial Organ and Transplantation,  
Tokyo Univ, Japan **Norihiro Kokudo**  
Dept of Surgery, HBP Surgery and Transplantation, Kyoto Univ, Japan **Shinji Uemoto**  
Special Speaker : Dept of HBP Surgery, Kobe Univ, Japan **Eisei Gu**
- SY-9-1 Perspectives of living donor liver transplantation for challenging cases  
Hepato-Biliary Surgery and Liver Transplantation, Asan Medical Center,  
Ulsan Univ College of Medicine, Seoul, Korea **Sung-Gyu Lee**
- SY-9-2 Recent advance in living donor hepatectomy  
Dept of Surgery, Seoul National Univ Hosp, Korea **Kyung-Suk Suh**
- SY-9-3 Our recent innovations in living donor liver transplantation  
Dept of Hepato-Biliary-Pancreatic and Transplant Surgery, Kyoto Univ, Japan **Toshimi Kaido**
- SY-9-4 Left liver graft in adult-to-adult living donor liver transplantation  
Artificial Organ and Transplantation Surgery Div,  
Dept of Surgery, Tokyo Univ, Japan **Nobuhisa Akamatsu**
- SY-9-5 Technical innovations and advancement of perioperative management in adult living donor liver transplantation : 20-year experience  
Dept of Surgery and Science, Kyushu Univ, Japan **Yuji Soejima**
- SY-9-6 Global perspectives on living donor liver transplantation and the role of Japan for the future  
Dept of Surgery, Keio Univ, Japan **Taizo Hibi**

## SY-11 Pediatric organ transplantation : current status and future perspective [International]

April 28<sup>th</sup> (Fri.) 8 : 00–10 : 00 Room 14 (Annex Hall 2F F 202)

Chairpersons : Dept of Transplantation and Pediatric Surgery, Kumamoto Univ, Japan **Yukihiro Inomata**  
 Transplantation Center,  
 National Center for Child Health and Development, Japan **Mureo Kasahara**

SY-11-1 Trends in pediatric liver transplantation and related techniques : Towards a 100% graft survival?

Pediatric Surgery and Transplantation,  
 ISMETT (Mediterranean Institute for Transplantation and  
 Advanced Specialized Therapies),  
 UPMC (Univ of Pittsburgh Medical Center), Italy **Jean de Ville de Goyet**

SY-11-2 Pediatric lung transplantation in Japan

Dept of Thoracic Surgery, Kyoto Univ, Japan **Hiroshi Date**

SY-11-3 The current status of pediatric heart failure and transplantation in Japan—Comparison with the United States

Dept of Cardiac Surgery, Tokyo Univ, Japan **Yasutaka Hirata**

SY-11-4 Pediatric liver transplantation in Japan : Current issues and perspectives

Organ Transplantation Center,  
 National Center for Child Health and Development, Japan **Seisuke Sakamoto**

SY-11-5 Current status of kidney transplantation in children

Dept of Nephrology, Toho Univ, Japan **Seiichiro Shishido**

SY-11-6 Current status and indication in children of pancreas transplantation in Japan

Dept of Organ Transplant Surgery, Fujita Health Univ, Japan **Takashi Kenmochi**

SY-11-7 Current status of intestinal transplantation in Japan

Dept of Pediatric Surgery, Kyushu Univ, Japan **Toshiharu Matsuura**

SY-11-8 Organ donation from pediatric donors in Japan

Japan Organ Transplant Network, Japan **Juntaro Ashikari**

SY-11-9 Current status of pediatric organ transplantation in Japan

Dept of Surgery, Tokyo Women's Medical Univ, Japan **Hiroto Egawa**



**SY-12 Breast surgery for getting the best result [International]**

April 28<sup>th</sup> (Fri.) 8 : 00–10 : 00 Room 16 (Annex Hall 2F F205+ F 206)

Chairpersons : Dept of Breast and Endocrine Surgery, Kumamoto Univ, Japan **Hirotaka Iwase**

Dept of Breast Surgery, Mie Univ, Japan **Tomoko Ogawa**

Commentator : Dept of Plastic, Reconstructive,

and Aesthetic Surgery, Fukuoka Univ, Japan **Hiroyuki Ohjimi**

SY-12-1 Sentinel lymph node biopsy for breast cancer in the new era

Dept of Surgery, Seoul National Univ College of Medicine, Korea **Wonshik Han**

SY-12-2 Optimization of decision of the excision range using radiation treatment planning system and deformable image registration for breast conserving surgery after neoadjuvant chemotherapy

Chiba Kaihin Municipal Hosp, Japan **Tetsutaro Miyoshi**

SY-12-3 Impact of ultrasound image fusion technique for breast conserving surgery in patients who achieve a cCR after neoadjuvant chemotherapy

Div of Breast and Endocrine Surgery, Aichi Medical Univ, Japan **Shogo Nakano**

SY-12-4 Important points to achieve the best result in breast conserving surgery

Dept of Breast Surgery, Mie Univ, Japan **Aya Noro**

SY-12-5 Video-assisted breast surgery (VABS) excels in the treatment results and the postoperative aesthetic results.

Dept of Breast Surgery, Nippon Medical School, Japan **Koji Yamashita**

SY-12-6 Visualizing cancer cells for implementation of the best surgery for breast cancer cases

Dept of Surgery, Kyusyu Univ Beppu Hosp, Japan **Miwa Noda**

**9. Panel Discussion**

**PD-2 Function-preserving surgery for upper digestive tract and its physiological assessment [International]**

April 27<sup>th</sup> (Thu.) 8 : 00–10 : 00 Room 4 (Conference Center 3F 303+304)

Chairpersons : Gastric Surgery Division, National Cancer Center Hosp, Japan **Hitoshi Katai**

Dept Digestive and General Surgery,

Saitama Medical Univ International Medical Center, Japan **Erito Mochiki**

Special Speaker : Showa General Hosp, Japan **Michio Kaminishi**

PD-2-1 The role of vagus nerve in mediating GI motor function

Dept of Surgery, Medical College of Wisconsin, Milwaukee, USA **Toku Takahashi**

PD-2-2 Function preserving operations for esophageal cancer and evaluation of QOL

Dept of General Surgery, Kawasaki Medical School, Japan **Chiharu Tamura**

- PD-2-3 The significance of laparoscopic assisted distal gastrectomy with preservation of the celiac branch of the vagus nerve to gastrointestinal function  
Integrative Center of General Surgery, Gunma Univ Hosp, Japan **Akiharu Kimura**
- PD-2-4 Functional outcomes by reconstruction technique following laparoscopic proximal gastrectomy for gastric cancer  
Dept of Surgery, Tokai Univ Hachioji Hosp, Japan **Eiji Nomura**
- PD-2-5 Efficiency of laparoscopic proximal gastrectomy double tract reconstruction  
Dept of Surgery and Science, Kyushu Univ, Japan **Masahiko Sugiyama**
- PD-2-6 The transition and postoperative functional assessment of laparoscopic proximal gastrectomy  
Dept of Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan **Kazuaki Tanabe**
- PD-2-7 The usefulness of function-preserving gastrectomy as to improve the QOL of postgastrectomy patients  
Dept of Laboratory Medicine, The Jikei Univ School of Medicine, Daisan Hosp, Japan  
**Koji Nakada**

**PD-6 Reconsideration of neoadjuvant therapy for esophageal cancer [International]**

April 28<sup>th</sup> (Fri) 8 : 00–10 : 00 Room 3 (Conference Center 3F 301+302)

Chairpersons : National Cancer Center Hosp, Japan **Yuji Tachimori**  
Dept of Frontier Surgery, Chiba Univ, Japan **Hisahiro Matsubara**  
Special Speaker : International Goodwill Hosp, Japan **Nobutoshi Ando**

- PD-6-1 Neoadjuvant chemoradiotherapy for esophageal cancer  
Dept of Surgery, Erasmus Univ MC, Rotterdam, the Netherlands **JJB Van Lanschot**
- PD-6-2 Induction DCF therapy followed by conversion surgery for locally advanced esophageal cancer  
Dept of Gastroenterological Surgery, Tokai Univ, Japan **Junya Oguma**
- PD-6-3 Risk factors influencing early recurrence after esophagectomy following neoadjuvant chemotherapy for esophageal cancer  
Dept of Gastroenterological Surgery, Cancer Institute Hosp, Japan **Takanori Kuroguchi**
- PD-6-4 Evaluation of radiation effect in neoadjuvant therapy to Stage III esophageal cancer  
Div of Advanced Surgical Science and Technology, Tohoku Univ, Japan **Yusuke Taniyama**
- PD-6-5 What is the best neoadjuvant therapy for advanced esophageal cancer?—An analysis of neoadjuvant chemoradiotherapy for esophageal squamous cell carcinoma—  
Dept of Frontier Surgery, Graduate School of Medicine, Chiba Univ, Japan **Kentaro Murakami**

PD-6-6 Neoadjuvant chemoradiotherapy in patients with advanced esophageal carcinoma at Hiroshima University Hospital  
Dept of Surgical Oncology, Research Institute for Radiation Biology and Medicine Hiroshima Univ, Japan **Manabu Emi**

**PD-15 What is the best choice of the third conduit for CABG? [International]**

April 29<sup>th</sup> (Sat.) 14 : 00-16 : 00 Room 13 (Annex Hall 2F F201)

Chairpersons : Dept of Thoracic, Cardiovascular and General Surgery,  
Kanazawa Univ, Japan **Hirofumi Takemura**  
Dept of Cardiovascular Surgery,  
Saitama Medical Univ International Medical Center, Japan **Hiroshi Niinami**

PD-15-1 The role of OPCABG in 2017  
Dept of Cardiac Surgery, John Radcliffe Hosp, Oxford, UK **David Paul Taggart**

PD-15-2 Optimal 3rd conduit to right coronary artery in bilateral internal thoracic artery grafting : Great saphenous vein versus gastroepiploic artery  
Dept of Cardiovascular Surgery, Kyoto Pref Univ Med, Japan **Suguru Ohira**

PD-15-3 Propensity score-matched analysis of gastroepiploic artery versus saphenous vein graft for right coronary system  
Dept of Cardiovascular Surgery, Sakakibara Heart Institute, Japan **Kosaku Nishigawa**

PD-15-4 Long-term outcome of coronary artery bypass grafting using triple arterial graft conduits.  
Dept of Cardiovascular Surgery, Tokyo Medical and Dental Univ, Japan **Keiji Oi**

PD-15-5 Third graft material should be tailored to each individuals' coronary artery  
Dept of Cardiovascular Surgery, Saitama Medical Univ,  
International Medical Center, Japan **Hiroyuki Nakajima**

PD-15-6 The beneficial usage of SV graft in CABG due to the endothelial regeneration  
Dept of Cardiovascular Surgery, Japan **Takayuki Okada**

PD-15-7 2nd and 3rd graft selection in OPCAB based on ITA-LAD does not affect long-term outcome  
Fukushima Medical Univ, School of Medicine, Japan **Shinya Takase**

## 10. Workshop

**WS-2 Surgical strategy and liver regeneration for hepatectomy—bench to bedside—** 【International】April 27<sup>th</sup> (Thu.) 8 : 00–10 : 00 Room 10 (Conference Center 5F 501)

Chairpersons : Dept of Gastroenterological and Hepatobiliary Surgery,

and Organ Transplantation, Tsukuba Univ, Japan **Nobuhiro Ohkohchi**Dept of HBP Surgery, Gunma Univ, Japan **Ken Shirabe**

WS-2-1 Large-scale profiling of signaling pathways in murine liver tissue demonstrates a specific signature for ALPPS, a novel two-staged hepatectomy

Dept of Surgery and Transplantation, Univ Hosp Zurich, Switzerland **Pierre-Alain Clavien**

WS-2-2 Functional roles and clinical impact of thrombospondin 1 in liver regeneration and atrophy

Dept of Surgery, Saiseikai Kumamoto Hosp, Japan **Hirimitsu Hayashi**WS-2-3 Pin1 degradation after extended hepatectomy inhibits NF- $\kappa$ B activation, augments liver injury, and suppresses liver regeneration after extended hepatectomy in miceDept General Surgery, Chiba Univ, Japan **Satoshi Kuboki**

WS-2-4 Devices of both liver resection and postoperative management from the view point of shear stress theory—Bench to bedside—

General and Digestive Surgery, Showa Univ Fujigaoka Hosp, Japan **Yoshinobu Sato**

WS-2-5 The study about liver regenerative factors after hepatectomy using metabolome analysis.

Dept of Syrgery, Tokushima Univ, Japan **Yu Saito**

WS-2-6 Investigation of the molecular mechanism of liver regeneration following portal vein branch ligation by the multi-omics approach

Dept of Surgery, Tohoku Univ, Japan **Yoshihiro Sato**

WS-2-7 Portal vein ligation reduces the activity of natural killer cells in the liver

Dept of Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan **Masahiro Ohira**

WS-2-8 The impact of choledocho-jejunostomy on the liver regeneration process after major hepatectomy

Dept of Surgery, Nagoya Univ, Japan **Takehiro Takagi****WS-3 Safety and feasibility in laparoscopic hepato-biliary-pancreatic surgery** 【International/Video】April 27<sup>th</sup> (Thu.) 14 : 30–16 : 30 Room 10 (Conference Center 5F 501)Chairpersons : Dept of Gastroenterological Surgery, Toho Univ, Japan **Hironori Kaneko**Dept Surgery and Oncology, Kyushu Univ, Japan **Masafumi Nakamura**

WS-3-1 Safety and feasibility in laparoscopic hepatobiliary and pancreatic surgery : Avoidance and management of intraoperative complications

Dept of Surgery, Mayo Clinic, Rochester, Minnesota, USA **Michael Leland Kendrick**

- WS-3-2 Effective retraction methods for safe and reliable resection in laparoscopic pancreaticoduodenectomy  
Dept Surgery, Tokyo Medical Univ, Japan **Yuichi Nagakawa**
- WS-3-3 Creating a good team to perform reliable laparoscopic pancreatectomies  
Dept of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery,  
Nippon Medical School, Japan **Yoshiharu Nakamura**
- WS-3-4 Preoperative 3-dimensional anatomical image analysis for laparoscopic distal pancreatectomy  
Dept of Surgery and Oncology, Kyushu Univ, Japan **Kohei Nakata**
- WS-3-5 Caudal approach with postural changes makes demanding LLR of posterior section safe and feasible  
Dept of Surgery, Fujita Health Univ, Japan **Zenichi Morise**
- WS-3-6 Extrahepatic Glissonean approach in laparoscopic liver resection  
Dept of Surgery, Tokyo Joto Hoapital, Japan **Akihiro Cho**
- WS-3-7 The technical evolution for laparoscopic hepatectomy  
Dept of Surgery and Science, Kyushu Univ, Japan **Shinji Itoh**
- WS-3-8 The pursuit of safety in laparoscopic hepatectomy  
Dept of Digestive and Transplantation Surgery,  
Tokyo Med Univ Hachioji Medical Center, Japan **Ozawa Yosuke**
- WS-3-9 Technical improvement to achieve safety of laparoscopic liver resection  
Dept Surgery Kansai Rosai Hosp, Japan **Yutaka Takeda**
- WS-8 Significance of neoadjuvant therapy for locally advanced low rectal cancer [International]**  
April 28<sup>th</sup> (Fri.) 8 : 00-10 : 00 Room 2 (Conference Center 1F Main Hall)  
Chairpersons : Dept of Gastroenterological Surgery,  
Saitama Medical Univ International Medical Center, Japan **Shigeki Yamaguchi**  
Dept Colorectal Surgery, National Cancer Center Hospl East, Japan **Masaaki Ito**  
Special Speaker : Jichi Medical Univ, Japan **Fumio Konishi**
- WS-8-1 What operation should be performed after neoadjuvant chemoradiation for rectal cancer  
Dept of Surgery, Univ of Texas Medical Branch, Galveston, Texas, USA **Douglas Scott Tyler**
- WS-8-2 Pelvic exenteration for advanced rectal cancer : significance of neoadjuvant therapies and aortiliac nodal involvement  
Institute of Academic Surgery at RPA & Univ of Sydney, Australia **Michael J. Solomon**

- WS-8-3 Preoperative chemoradiotherapy for advanced lower rectal cancer using SOX+Bev regimen.  
Dept of Surgery, The Univ of Tokushima, Japan **Jun Higashijima**
- WS-8-4 The optimized indication of neoadjuvant chemoradiotherapy and lateral lymph node dissection for cStage 2/3 rectal cancers  
Dept of Surgery, Kyoto Univ, Japan **Ryo Takahashi**
- WS-8-5 The optimal preoperative treatment for locally advanced rectal cancer near the anal canal  
Dept of Colorectal Surgery, National Cancer Center Hosp East, Japan **Yuichiro Tsukada**
- WS-8-6 Personalized treatment strategies for locally advanced rectal cancer with utilizing short course chemoradiotherapy  
Dept of Surgery, Meiwa Hosp, Japan **Naohito Beppu**
- WS-8-7 Outcomes of advanced low rectal cancer treated with preoperative chemoradiotherapy and future perspective  
Dept of Gastroenterological Surgery, Cancer Institute Hosp, Japan **Takashi Akiyoshi**
- WS-9 Neoadjuvant chemotherapy and conversion surgery for advanced gastric cancer [International]**  
April 28<sup>th</sup> (Fri) 15 : 30-17 : 30 Room 4 (Conference Center 3F 303+304)  
Chairpersons : Dept of Gastroenterological Surgery, Nagoya Univ, Japan **Yasuhiro Kodera**  
Univ of Texas M. D. Anderson Cancer Center, Houston, Texas, USA **Jafferhusen A. Ajani**  
Special Speaker : Kyoto Medical Career Support Center, Japan **Hisakazu Yamagishi**
- WS-9-1 Molecular and clinical landscapes of localized gastric adenocarcinoma  
Univ of Texas M. D. Anderson Cancer Center, Houston, Texas, USA **Jafferhusen A. Ajani**
- WS-9-2 Neoadjuvant chemotherapy for advanced gastric cancer  
Gastric Surgery Div, National Cancer Center Hosp, Tokyo, Japan **Takeo Fukagawa**
- WS-9-3 Phase I/II study of a combination of docetaxel, cisplatin and S-1 (DCS) as neoadjuvant chemotherapy in patients with stageIII gastric cancer.  
Dept of Surgery, Gastroenterological Center, Yokohama City Univ, Japan **Yusuke Izumisawa**
- WS-9-4 Conversion surgery for unresectable gastric cancer following complete response of distant metastasis by systemic chemotherapy  
Nagoya Univ, Dept of Gastroenterological Surgery, Japan **Daisuke Kobayashi**
- WS-9-5 Treatment strategy based on photodynamic staging laparoscopy in advanced gastric cancer  
Dept of Surgery, Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan **Yoshiyuki Fujiwara**

WS-9-6 Conversion surgery for gastric cancer with peritoneal metastasis  
Dept of Chemotherapy, The Univ of Tokyo, Japan **Hironori Ishigami**

## 11. Surgical Forum

Y : Young Investigator's Award

T : Travel Grant

A : ACS Exchange Traveller

G : GSS Exchange Traveller

### SF-01 Perioperative management–Nutrition · Elderly patients

April 27<sup>th</sup> (Thu.) 8 : 00–9 : 00 Room 5 (Conference Center 3F 313+314)

SF-01-6 Decreased risks of pneumonia and mortality after major surgery in older patients  
receiving preoperative influenza vaccination : A nationwide cohort study  
T  
School of Medicine, Taipei Medical Univ, Taiwan **Liao Chien-Chang**

SF-01-7 Cost effective model of post-surgical care using novel technology in developing country  
T  
Dept of Endocrine Surgery,  
Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India **Kushagra Gaurav**

### SF-02 Perioperative management–Management

April 27<sup>th</sup> (Thu.) 9 : 00–10 : 10 Room 5 (Conference Center 3F 313+314)

SF-02-1 Perioperative patient safety culture : Examining the effect of context on a bundled surgery  
improvement intervention  
A  
Dept of Surgery, Univ of California, San Francisco,  
San Francisco, CA, USA **Elizabeth Collens Wick**

### SF-03 Stomach–Chemotherapy · Novel therapy

April 27<sup>th</sup> (Thu.) 14 : 30–15 : 30 Room 5 (Conference Center 3F 313+314)

SF-03-5 Recurrence pattern of gastric cancer in the era of preoperative therapy  
T  
Univ of Texas MD Anderson Cancer Center, USA **Naruhiko Ikoma**

### SF-05 Stomach–Bariatric surgery · Nutrition

April 27<sup>th</sup> (Thu.) 16 : 30–17 : 30 Room 5 (Conference Center 3F 313+314)

SF-05-5 Outcome of laparoscopic sleeve gastrectomy in morbidly obese thai patients  
T  
Dept of Surgery, Faculty of Medicine,  
Thammasat Univ, Thailand **Pakkavuth Chanswangphuvana**

- SF-05-6 Gut hormone changes and diabetes resolution after sleeve gastrectomy in indian obese patients

T

Institute of Minimal Access, Metabolic &amp; Bariatric Surgery,

Sir Ganga Ram Hosp, New Delhi, India Vivek Bindal

### SF-08 Cardiac Surgery-Valvular disease

April 27<sup>th</sup> (Thu.) 14 : 30-15 : 30 Room 6 (Conference Center 4F 411+412)

- SF-08-1 Surgery for infective endocarditis : Outcomes and predictors of mortality in 360 consecutive patients

T

Dept of Cardiac Surgery, Univ of Heidelberg,

Heart and Marfan Center, Germany Alexander Weymann

- SF-08-2 Two d echocardiographic evaluation of left ventricular diastolic dysfunction in rheumatic severe mitral stenosis undergoing beating heart closed mitral valvotomy (CMV)

T

Heart Surgery Centre, Dept of Cvts, King Georges Medical Univ, India Rahul Kumar

- SF-08-3 Long-term post-av surgery prognosis in patients with aortic valve insufficiency and valvular cardiomyopathy : Comparison of bicuspid vs. tricuspid morphotype

T

Dept of Cardiovascular Surgery, Univ Heart Center Hamburg, Germany Shiho Naito

### SF-16 Lung-Lung transplantation

April 27<sup>th</sup> (Thu.) 8 : 00-9 : 00 Room 8 (Conference Center 4F 418)

- SF-16-1 Strategies of lung preservation after absence of circulation

T

Latner Thoracic Surgery Research Laboratories,

Toronto General Research Institute, Univ of Toronto, Canada Yui Watanabe

- SF-16-5 Low-dose photon irradiation induces invasiveness through the SDF-1 $\alpha$ /CXCR4 pathway in malignant mesothelioma cells

T

Dept of Thoracic Surgery, Heidelberg Univ, Germany Yoshikane Yamauchi

### SF-17 Lung-Surgical treatment

April 27<sup>th</sup> (Thu.) 9 : 00-10 : 00 Room 8 (Conference Center 4F 418)

- SF-17-1 A novel thoroscopic localization technique of small pulmonary nodules at Toronto general hospital

T

Div of Thoracic Surgery, Toronto General Hosp, Canada Hideki Ujiie



**SF-19 Liver-Liver transplantation**

April 27<sup>th</sup> (Thu.) 15 : 30-16 : 30 Room 8 (Conference Center 4F 418)

SF-19-8 An argument for expanding the criteria for simultaneous liver and kidney transplant : Pre-liver  
T transplant glomerular filtration rate less than 30 ml/min for greater than 2 weeks has worse  
outcomes

Div of Transplant and Hepatobiliary Surgery, Henry Ford Hosp, USA **Shunji Nagai**

**SF-20 Liver-Liver functional reserve**

April 27<sup>th</sup> (Thu.) 16 : 30-17 : 40 Room 8 (Conference Center 4F 418)

SF-20-1 Early remnant growth rate after portal vein embolization predicts posthepatectomy liver failure  
G risk better than preoperative remnant volume

Dept of General, Visceral, Vascular and Pediatric Surgery,

Saarland Univ, Homburg, Germany **Maciej Malinowski**

**SF-21 Thyroid and Parathyroid**

April 27<sup>th</sup> (Thu.) 8 : 00-9 : 00 Room 9 (Conference Center 4F 419)

SF-21-1 Transaxillary endoscopic thyroidectomy—A novel technique to avoid an ugly neck scar  
T

Dept of Surgery, S H Medical Centre, India **Bibin P Mathew**

SF-21-2 Incidence of malignancy in benign non toxic multinodular goiter in madras medical college  
T chennai india

Dept of Endocrine Surgery, Madras Medical College, R.G.G.G.H,

TN DR MGR Medical Univ, India **Selladurai Periyasamy**

**SF-27 Pediatric surgery**

April 27<sup>th</sup> (Thu.) 16 : 30-17 : 30 Room 14 (Annex Hall 2F F 202)

SF-27-2 Comparison of operative outcomes between surgical gastrostomy and percutaneous endoscopic  
T gastrostomy in infants

Dept of Pediatric Surgery, Children's Hosp Los Angeles, USA **Shin Miyata**

**SF-30 Stomach-LECS**April 28<sup>th</sup> (Fri.) 10 : 00-11 : 00 Room 5 (Conference Center 3F 313+314)

SF-30-8 Accuracy of boey scoring system in predicting postoperative morbidity and mortality in perforated peptic ulcer (PPU)

T

Dept of Surgery, Bir Hosp, NAMS, Nepal **Dhruba Narayan Sah****SF-39 Biliary tract-Pathology and Treatment**April 28<sup>th</sup> (Fri.) 10 : 00-11 : 00 Room 8 (Conference Center 4F 418)

SF-39-8 Gall bladder perforation—Is surgery the only end

T

Dept of General Surgery, T.N.M.C and B.Y.L. Ch. Hosp, India **Shazia S. Malik****SF-65 Liver-Hepatocellular carcinoma**April 29<sup>th</sup> (Sat.) 9 : 00-10 : 00 Room 8 (Conference Center 4F 418)

SF-65-7 Identification of keratin19-positive cancer stem cells associating human hepatocellular carcinoma using 18F-fluorodeoxyglucose positron emission tomography

T

Dept of Hepatobiliary Surgery and Liver Transplantation,

Pitie-Salpetriere Hp, UPMC, France **Takayuki Kawai**

SF-65-8 Hepatic resection for multinodular hepatocellular carcinoma : Introducing the up to 4 and 6 rule.

T

Dept of Hepatobiliary and General Surgery, Humanitas Univ,

Humanitas Research Hosp, Italy **Matteo Donadon****SF-67 Liver-Basic medicine 2**April 29<sup>th</sup> (Sat.) 11 : 00-12 : 00 Room 8 (Conference Center 4F 418)

SF-67-6 3D tumoroid culture : A new post-operative method to evaluate the malignancy of hepatocellular carcinoma in vitro

T

Dept of Hepatobiliary Surgery, Peking Univ People's Hosp, China **Yang Wang**

SF-67-7 Assembly of liver grafts using human induced pluripotent stem cells for autologous liver transplantation

T

Dept of Pathology, School of Medicine, Univ of Pittsburgh, USA **Kazuki Takeishi**

SF-67-8 TIMP-3 has an essential protective function playing a key role in apoptosis in hepatic IRL.

T

Dept of Surgery, Univ of California, Los Angeles, USA **Takehiro Fujii**

SF-69 Liver-Liver metastases of colorectal cancer

April 29<sup>th</sup> (Sat.) 14 : 30-15 : 30 Room 8 (Conference Center 4F 418)

SF-69-8 T The behavior of colorectal liver metastases in the time frame between the end of preoperative chemotherapy and liver resection. A new selection criterion for technically resectable patients.

Dept of Hepatobiliary & General Surgery, Humanitas Clinical & Research Center,

Humanitas Univ, Italy **Luca Viganò**