7th International Forum of Liver Surgery

Osaka 2016, April 9-10

Kitano Hospital, Osaka, Japan
Congress President:
Hiroaki Terajima, M.D., Ph.D.

April 9, Sat

08:00-08:25 Registration

08:25-08:30 Opening Remarks: Congress President: Hiroaki Terajima
*Presentation time 15minutes: 10min talk and 5min discussion*

08:30-10:00 Session 1: Basic Research, from bench to bedside
Chairpersons: Rene Tolba, Tadashi Kondo

1 08:30-08:45 Kenya Yamanaka, Kishiwada, Japan
Relationship of microstructural transformation and intra/extracellular transition of HMGB1 in a cold-preserved liver

2 08:45-09:00 Hirokazu Tanaka, Aachen, Germany
Efficacy of the novel medical adhesive, MAR VIVO-107, in an acute porcine liver resection model

3 09:00-09:15 Atsushi Takebe, Kobe, Japan
Chemoperfusion therapy with high-dose Cisplatine for malignant liver tumor with extracorporeal drug extraction; a basic study of canine experimental model
4  09:15-09:30 Georgios Polychronidis, Heidelberg, Germany
Glycine protects from both hepatic ischemia reperfusion injury and
CNI-associated nephrotoxicity - data from the multicenter RCT HEGPOL-trial-
5  09:30-09:45 Hideki Matsumura, Tsukuba, Japan
In vivo evidence of relationship between Kupffer cells and tumor cells in colon
cancer metastasis to the liver in the early stage
6  09:45-10:00 Pramod Kadaba, Aachen, Germany
Efficacy and safety of the novel medical adhesive, MAR VIVO-107, in a chronic
liver resection model in rabbits

10:00-10:15 Coffee Break

10:15-11:30 Session 2: Prognosis & Liver Transplantation
Chairpersons: Satoshi Kaihara, Kiyoshi Hasegawa
7  10:15-10:30 Gen Yamamoto, Kyoto, Japan
Reappraisal of Usefulness of Common Liver Function Parameters for the
Prediction of Posthepatectomy Liver Failure for Hepatocellular Carcinoma; A
Multicenter Large Cohort Study
8  10:30-10:45 Takahiro Nishio, Kyoto, Japan
Prediction of posthepatectomy liver failure based on liver stiffness
measurement in patients with hepatocellular carcinoma
9  10:45-11:00 Kenji Yoshino, Kyoto, Japan
Analysis of risk factors for posthepatectomy complications in right lobe living
donors for liver transplantation
10  11:00-11:15 Taku Iida, Kyoto, Japan
Outcome of living-donor liver transplantation for recipients with a severely
deteriorated preoperative condition
11  11:15-11:30 Shintaro Yagi, Kyoto, Japan
Significance of Portal Venous Flow Control in Living-Donor Liver
Transplantation

11:35-12:20 Session 3: Simulation and Navigation
Chairpersons: Markus Golling, Saiho Ko
12  11:35-11:50 Toru Goto, Osaka, Japan
What’s advantages of preoperative liver simulation? – to perform safer and
higher-quality hepatectomy –
13  11:50-12:05 Go Watanabe, Akita, Japan
Usefulness of the three-dimensional (3-D) printed model for the operation
planning of the hepatocellular carcinoma with tumor thrombus developed into
the right atrium
14  12:05-12:20 Etsuro Hatano, Kyoto, Japan
Real-time navigated liver surgery by projection mapping using ICG
fluorescence.

12:30-13:20 Luncheon Seminar
Chairperson: Yuzo Yamamoto
Speaker: Yukio Oshiro, Tsukuba, Japan
“Next generation computer-aided Hepatobiliary and pancreatic surgery”
13:30-15:15 Session 4: Liver Resection -Operative Technique-
Chairpersons: Peter Schemmer, Go Wakabayashi

15  13:30-13:45 Takayuki Anazawa, Kyoto, Japan
Advanced surgical approach for huge hepatic tumor: Clamping of inferior phrenic artery and application of water-jet dissection

16  13:45-14:00 Toshihiko Yoshida, Kobe, Japan
Development of the Biodegradable Surgical Clip Made of a New Magnesium Alloy

17  14:00-14:15 Motofumi Tanaka, Kobe, Japan
Kobe strategy for highly advanced hepatocellular carcinoma: neoadjuvant percutaneous isolated hepatic perfusion (PIHP) and the following hepatectomy

18  14:15-14:30 Jair Mauricio Cerón Bohórquez, Hamburg, Germany
The Ante-Situm – and In-Situ Hypothermic Liver Resection Technique. A single center Experience

19  14:30-14:45 Sena Iwamura, Kobe, Japan
Management and results of anatomical resection for large hepatocellular carcinoma

20  14:45-15:00 Goro Honda, Tokyo, Japan
Cranial approach in the anatomical resection of S7 or S8 exposing the hepatic veins

21  15:00-15:15 Madhava Pai, London, UK
1000 Radiofrequency Assisted Hepatic Resections

15:15-15:30 Coffee Break

15:30-17:00 Session 5: Liver metastasis
Chairpersons: Jens Mittler, Etsuro Hatano

22  15:30-15:45 Hiroto Nishino, Kyoto, Japan
The impact of the completion of postoperative adjuvant chemotherapy in patients with liver metastases from colorectal cancer

23  15:45-16:00 Daisuke Kudo, Hirosaki, Japan
Impact of Perfluorobutane Microbubble Enhanced Ultrasound for the Resection of Colorectal Liver Metastasis

24  16:00-16:15 Saiho Ko, Nara, Japan
Combined vascular resection and reconstruction to save hepatic parenchyma for resection of advanced colorectal liver metastases

25  16:15-16:30 Masayuki Okuno, Kyoto, Japan
The significance of K-ras, ETS and DpR as prognostic markers in the phase II clinical trial for the patients with unresectable colorectal liver metastases (BECK study)

26  16:30-16:45 Taiichi Wakiya, Hirosaki, Japan
Evaluation of the Usefulness of the Indocyanine Green Clearance Test for Chemotherapy-Associated Liver Injury in Patients with Colorectal Cancer Liver Metastasis

27  16:45-17:00 Marcello Donati, Catania, Italy
Liver first Approach for colorectal liver metastasis is there something new?
April 10, Sun

07:30-08:00 Morning Service light meal

08:00-09:30 Session 6: Cholangiocarcinoma  
Chairpersons: Georgios Polychronidis, Kenichi Hakamada

28  08:00-08:15 Yutaro Hori, Kyoto, Japan  
A case of hilar cholangiocarcinoma with right trisegmentectomy.

29  08:15-08:30 Rei Toda, Kishiwada, Japan  
A cholangiolocellular carcinoma with liver cirrhosis due to HCV and alcoholic.

30  08:30-08:45 Tomoaki Yoh, Kyoto, Japan  
Significant improvement in outcomes of patients with intrahepatic cholangiocarcinoma after surgery

31  08:45-09:00 Keisuke Arai, Kobe, Japan  
A New Technique of Intraoperative Identification of Biliary Drainage Areas in Remnant Liver after hepatectomy in Perihilar Cholangiocarcinoma

32  09:00-09:15 Kojiro Taura, Kyoto, Japan  
Left trisectectomy with simultaneous resection and reconstruction of the hepatic artery and the portal vein for advanced cholangiocarcinoma ~intrahepatic Glissonian dissection approach after complete parenchymal division of the liver ~

33  09:15-09:30 Jens Mittler, Mainz, Germany  
Outcome after surgical treatment in 105 patients with hilar cholangiocarcinoma in a single tertiary referral center

09:30-09:40 Coffee Break

09:40-11:00 Session 7: Strategy  
Chairpersons: Madhava Pai, Shoji Kubo

34  09:40-09:55 Takamichi Ishii, Kobe, Japan  
Preventive measures for postoperative bile leakage after central hepatectomy: A multicenter, prospective, observational study of 101 patients

35  09:55-10:10 Markus Golling, Heidelberg, Germany  
After the operation is before the operation - How should we close the abdomen in high risk liver operations? New guidelines of the European hernia society

36  10:10-10:25 Kaori Kuramitsu, Kobe, Japan  
Strategies to perform hepatectomy without the incidence of posthepatectomy liver failure at Kobe University

37  10:25-10:40 Yukihiro Okuda, Kyoto, Japan  
Acoustic radiation force impulse imaging for assessment of graft fibrosis after liver transplantation

38  10:40-10:55 Kiyoshi Hasegawa, Tokyo, Japan  
Impacts of positivity of anti-hepatitis B virus core antibody on postoperative prognosis of patients with hepatocellular carcinoma

39  10:55-11:10 Ryuta Nishitai, Kyoto, Japan  
Four branching patterns of intrahepatic biliary tree in cases with right sided ligamentum teres

11:10-11:20 Coffee Break
11:20-12:50 Session 8: Liver Resections – ALPPS –
Chairpersons: Marcello Donati, Yonson Ku

40  11:20-11:35 Yutaro Kikuchi, Chiba, Japan
Remnant liver tumor growth activity during associating liver partition and portal vein ligation for staged hepatectomy (ALPPS)

41  11:35-11:50 Hiroshi Uchinami, Akita, Japan
Our First Experience of Liver Partition by Microwave Ablation and Portal Vein Ligation for Staged Hepatectomy: A case report

42  11:50-12:05 Yukihiko Hiroshima, Chiba, Japan
Parenchymal congestion is important for rapid regeneration of the future liver remnant following surgical treatment associating liver partition with portal vein ligation for staged hepatectomy (ALPPS)

43  12:05-12:20 Kenichi Matsuo, Chiba, Japan
Histologic features after surgery associating liver partition and portal vein ligation for staged hepatectomy (ALPPS) vs. those following hepatectomy with portal vein embolization

44  12:20-12:35 Peter Schemmer, Heidelberg, Germany
Predictive markers of liver function before Associating Liver Partition and Portal vein Ligation for Staged hepatectomy (ALPPS)

45  12:35-12:50 Kuniya Tanaka, Chida, Japan
Modified ALPPS procedures avoiding division of major portal pedicles

12:50-13:00 Closing Remarks: Congress President: Hiroaki Terajima
Next President: Peter Schemmer

13:00-14:00 Lunch (Farewell party)
   at Restaurant “Sunflower (HIMAWARI)” (5th floor of Kitano Hospital)