

3rd International Forum of Liver Surgery

2007, April 14-15, Kobe, Japan

Congress president: Yonson Ku



High-risk liver surgery and transplantation

April 14

Session 1: Basic science knowledge of interests

Chairpersons: **Terajima H**, Fukui, Japan
Tolba R, Bonn, Germany

1. **Sugiura R**, Osaka, Japan
Targeted molecular therapy for cancer: Hot drugs in cancer
2. **Takahashi T**, Yoshioka M, Uchinami H, Yamamoto Y, Akita, Japan
Gliotoxin prevents ischemia-reperfusion injury of rat livers
3. **Hata K**, Wei L, Minor T, Yamamoto Y, Tolba R, Bonn, Germany
Intestinal ischemic preconditioning as remote preconditioning to the liver: Impact of the gut protection and signal cross-talk between the gut and the liver
4. **Kikuchi I**, Iwasaki W, Uchinami H, Yamamoto Y, Akita, Japan
Limited apoptosis in HNBD livers during UW storage does not implicate better preservation
5. **Tolba R**, Hata K, Wei L, Yonezawa K, Yamamoto Y, Bonn, Germany
Resuscitation of marginal donor grafts for liver transplantation: from Bench to bedside

Sponsored lecture

Chairperson: **Ku Y**, Kobe, Japan

Sir Roy Calne, Cambridge, UK
History of immunosuppressive agents

Session 2: High-risk liver resection for primary liver tumors

Chairpersons: **Yamamoto Y**, Akita, Japan
Ko S, Nara, Japan

6. **Ogata S**, Tominaga M, Iwasaki T, Fukumoto T, Ajiki T, Kusunoki N, Fujita T, Ku Y, Kobe, Japan
Complete response of recurrence HCC induced by percutaneous isolated hepatic perfusion (PIHP) in patient with liver transplantation
7. **Terajima H**, Uryuhara K, Okada N, Wada M, Hosotani R, Kobe, Japan
Hepatic resection for hepatocellular carcinoma with impaired liver function – our experiences in Kobe city general hospital
8. **Uchimani H**, Iida M, Sato T, Yamamoto Y, Akita, Japan
Topical heparinization for portal reconstruction at risk of thrombus
9. **Kim KH**, Lee SG, Seoul, Korea
Prognosis of hepatocellular carcinoma with portal vein tumor thrombus
10. **Komatsu S**, Fukumoto T, Tominaga M, Iwasaki T, Kusunoki N, Hishikawa Y, Kobe, Japan
Particle therapy for HCC: Clinical results of 103 cases
11. **Ko S**, Kanehiro H, Nagano M, Sho M, Yamada T, Okano E, Nomi T, Nakajima Y, Nara, Japan
Approaches for resection of large primary hepatic tumors

Session 3: High-risk liver resection for metastatic liver tumors

Chairpersons: **Nakajima Y**, Nara, Japan
Stavrou G, Celle, Germany

12. **Hatano E**, Narita M, Machimoto T, Mori A, Kawashima J, Nomura A, Nagayama S, Hasegawa S, Ikai I, Sakai Y, Uemoto Y, Kyoto, Japan
Liver injury after chemotherapy in patients with liver metastasis from colorectal cancer
13. **Ajiki T**, Fujita T, Matsumoto I, Shinzeki M, Kuroda Y, Ku Y, Kobe, Japan
Systemic chemotherapy with gemcitabine and S-1 for advanced biliary tract cancer
14. **Stavrou G**, Tzias T, Oldhafeur KJ, Celle, Germany
Experience with the Habib Sealer for liver resection
15. **Iwasaki T**, Tominaga M, Fukumoto T, Kusunoki N, Ajiki T, Ku Y, Kobe, Japan
Where is the limit of surgery for bilobar metastatic liver tumors – Report of representative cases

April 15

Session 4: High-risk liver transplantation (high MELD, small for size, etc)

Chairpersons: **Kiuchi Y**, Nagoya, Japan
Lee SG, Seoul, Korea

16. **Lee SG**, Seoul, Korea
Technique, outcome and current policy for small-for-size graft in living donor liver transplantation in Asan Medical Center
17. **Fujimoto Y**, Yamamoto H, Kamei H, Nagai S, Kumasawa K, Nakamura T, Kiuchi T, Nagoya, Japan
Partial portacaval shunting (PPCS) for small-for-size graft in living donor liver transplantation – Advantages and pitfalls-
18. **Furukawa H**, Sapporo, Japan
Strategy for small-for-size graft in living donor liver transplantation
19. **Takada Y**, Uemoto S, Kyoto, Japan
Living donor liver transplantation for high-risk cases
20. **Marubashi S**, Nagano H, Kobayashi S, Miyamoto A, Takeda Y, Umeshita K, Dono K,

Monden M, Osaka, Japan

Living donor liver transplantation with renoportal anastomosis for patients with large spontaneous splenorenal shunts

21. **Okano E**, Ko S, Kanehiro H, Fujimura Y, Tanaka K, Nakajima Y, Kobe, Japan

Relevance of plasma ADMTS13 activity to adverse events after liver transplantation

Session 5: Computer-assisted liver surgery

Chairpersons:

Oldhafer KJ, Celle, Germany

Furukawa H, Sapporo, Japan

22. **Bourquain H**, Oldhafer KJ, Stavrou G, Peitgen HO, Celle, Germany

Computer simulation for liver surgery by the MeVis system: The principles and engineering

23. **Nagano T**, Tokyo, Japan

Liver segmentation software

24. **Oldhafer KJ**, Bourquain H, Stavrou G, Peitgen HO, Celle, Germany

Computer simulation for liver surgery by the MeVis system: Technical relevance and current limitation

25. **Yamanaka J**, Saito S, Iimuro Y, Hirano T, Kuroda N, Okada T, Sugimoto T, Asano Y, Uyama N, Fujimoto J, Nishinomiya, Japan

Surgical planning using virtual segmental volumetry for resection of hepatocellular carcinoma