

4th International Forum of Liver Surgery

2009, September 4-5, Aachen, Germany

Congress president: René H. Tolba



Liver Surgery, Transplantation & Medical Technology

September 4

Session 1: Basic Science 1

Chairpersons: **Terajima H**, Osaka, Japan
Minor Th, Bonn, Germany

1. **Spiegel HU**, Münster, Germany
Impact of modified HTK solution on cold storage injury of rat livers
2. **Saito S**, Hata K, Iwaisako K, Kageyama S, Tanaka H, Yanagida A, Hamanaka K, Uemoto S, Kyoto, Japan
An oral antiplatelet agent, cylostazol, attenuates hepatic fibrogenesis: A preliminary study in mice CCl₄ model
3. **Golling M**, Mehrabi A, Schwäbisch Hall, Germany
Liver denervation and influence on liver function, oxidative stress and bowel ischemia
4. **Yagi S**, Liu B, Hori T, Ogura Y, Uemoto S, Tolba R, Aachen, Germany
Improved microcirculation and preservation of small-for-size livers after transplantation with Polysol

Special lecture

Chairpersons: **Tolba R**, Aachen, Germany
Hatano E, Kyoto, Japan

Professor Rolf Henke
Aeronautics in the 22nd century

Session 2: Liver surgery

Chairpersons: **Kalff JC**, Bonn, Germany

Yamamoto Y, Akita, Japan

5. **Jiao L**, London, UK
New radiofrequency application in HPB surgery
6. **Kido M**, Hori Y, Fukumoto T, Kusunoki N, Takeba A, Komatsu S, Ku Y, Kobe, Japan
Dual treatment of resection and percutaneous isolated hepatic perfusion for multiple bilobar hepatocellular carcinoma with major portal vein invasion
7. **Neuman U**, Berlin, Germany
Multidisciplinary treatment of hilar cholangiocarcinoma
8. **Terajima H**, Tada M, Sonoda M, Nakanishi Y, Yoshimura M, Yoshida M, Takahashi H, Yoshitomi M, Ueda S, Hashida H, Ozaki N, Okaka, Japan
A case report of neoadjuvant chemotherapy and resection for initially unresectable synchronous colorectal liver metastasis: When and how we should operate?
9. **Hatano E**, Ikai I, Hata K, Taura K, Yasuchika K, Nitta T, Uemoto S, Kyoto, Japan
Multidisciplinary treatment with hepatectomy for hepatocellular carcinoma with inferior vena cava tumor thrombus
10. **Uchinami H**, Kikuchi I, Yamamoto Y, Akita, Japan
The expression of urinary trypsin inhibitor predicts early recurrence in hepatocellular carcinoma after resection
11. **Schemmer P**, Heidelberg, Germany
To Pringle or not to Pringle during liver resection – is it still an unsolved question?

Session 3: Liver surgery & Transplantation

Chairpersons:

Uemoto S, Kyoto, Japan

Trautwein, Aachen, Germany

12. **Nashan B**, Hamburg, Germany
3D CT modeling of hepatic vessels **architecture** and volume calculation in liver surgery and living donation for liver transplantation
13. **Komarsu S**, Fukumoto T, Murakami M, Demizu Y, Hori Y, Hishikawa Y, Ku Y, Kobe, Japan
Particle radiotherapy for patients with hepatocellular carcinoma: the Hyogo Ion Beam Medical Center experience
14. **Schemmer P**, Heidelberg, Germany
Positive implication of applying extended donor criteria in liver transplantation
15. **Kalff JC**, Bonn, Germany
Liver metastasis in colorectal cancer
16. **Lang H**, Mainz, Germany,
Indications and results of surgical resection and liver transplantation for intrahepatic cholangiocarcinoma
17. **Ogura Y**, Hori T, Elmoghazy W, Yoshizawa A, Oike F, Uemoto S, Kyoto, Japan
Intentional portal pressure control is a key to improve the outcome of adult living donor liver transplantation (A-LDLT) with smaller grafts

September 5

Session 4: Basic Science 2

Chairpersons:

Ku Y, Kobe, Japan

Spiegel HU, Münster, Germany

18. **Gressner OA**, Aachen, Germany
About coffee, cappuccino and con connective tissue growth factor – or how to protect your liver !?
19. **Yamamoto Y**, Iwasaki W, Kume M, Akita, Japan
Effect of oral supplementation of n-3 PUFA on hepatic microcirculation during ischemia/reperfusion of the liver in rats
20. **Minor T**, Bonn, Germany

- Hypothermic reconditioning of marginal liver grafts; an overview
21. **Yagi S**, Kadabe P, Uemoto S, Tolba R, Aachen, Germany
Impact of nitric oxide gaseous persufflation for cold storage of the liver grafts from NHBD in rats

Session 5: Medical Technology & Liver surgery

Chairpersons: **Nashan B**, Hamburg, Germany
Ozaki N, Osaka, Japan

22. **Koyama Y**, Taura K, Hatano E, Yasuchika K, Ogura Y, Nitta T, Oike F, Kaido T, Ikai I, Uemoto S, Kyoto, Japan
Liver stiffness measurement by Acoustic radiation force impulse (ARFI) imaging: an initial experience
23. **Zapletal C**, Golling M, Schwäbisch Hall, Germany
Quantification of liver function by dMRI – experimental evaluation and clinical pilot study
24. **Nakamura K**, Hatano E, Hata K, Nagata H, Kamo N, Yasuchika K, Nitta T, Nomura A, Ikai I, Sakai Y, Uemoto S, Kyoto, Japan
Management of complete response on imaging of colorectal liver metastasis after chemotherapy
25. **Stavrou G**, Weber S, Peitgen HO, Oldhafer HJ, Celle, Germany
How to operate a liver tumor you cannot see
26. **Glowka TR**, Standop J, Kalff JC, Hirner A, Tolba R, Bonn, Germany
Argon & Helium plasma coagulation on porcine liver tissue
27. **Schemmer P**, Heidelberg, Germany
Stapler hepatectomy – a novel surgical technique
28. **Oldhafer KJ**, Zwingmann V, Stavrou, Celle, Germany
Anterior approach for right hepatectomy using the liver hanging maneuver; Video Presentation