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

   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

   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
5. **Jiao L**, London, UK
   New radiofrequency application in HPB surgery

   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

   A case report of neoadjuvant chemotherapy and resection for initially unresectable synchronous colorectal liver metastasis: When and how should we 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

    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 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

   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

   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

   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