

*International Symposium 3*  
**"Cutting Edge of Biliary Endoscopy"**

- S3-1 **Cutting edge of peroral cholangioscopy**  
Jong H. Moon (SoonChunHyang University School of Medicine)
- S3-2 **Endoscopic application of laser in biliary intraductal lesions**  
Hsiu-Po Wang (National Taiwan University Hospital)
- S3-3 **Efficacy of novel low-speed blood flow evaluation imaging in endoscopic ultrasonography for elevated lesions in gallbladder**  
Mamoru Takenaka (Kindai University Hospital)
- S3-4 **Clinical utility of EUS-TA for CGP of biliary tract cancer.**  
Takafumi Yanaidani (Aichi Cancer Center)
- S3-5 **Feasibility of Red Dichromatic Imaging in the treatment of post-endoscopic sphincterotomy bleeding**  
Risa Nakamura (Teine keijinkai Hospital)
- S3-6 **A retrospective study on usefulness and safety of Duckbill-type ARMS for unresectable distal malignant obstruction**  
Hiroya Terabe (Kurume University)
- S3-7 **Endoscopic biliary radiofrequency ablation for ingrowth occlusion following bilateral metal stent deployment in patients with malignant**  
Tadahisa Inoue (Aichi Medical University)
- S3-8 **Short type single-balloon enteroscopy-assisted ERCP for patients with surgically altered anatomy**  
Yuki Tanisaka (Saitama Medical University International Medical Center)
- S3-9 **Usefulness of EUS-guided hepaticogastrostomy and antegrade intervention for the benign hepaticojejunostomy anastomotic stricture**  
Yukitoshi Matsunami (Tokyo Medical University)
- S3-10 **Primary EUS-BD vs ERCP for malignant hilar biliary obstruction**  
Naminatsu Takahara (Tokyo University)