JSH International Liver Conference 2019 “Liver Cirrhosis and Portal Hypertension: Modern Pathophysiology and Emerging Therapies”

**Day 1: October 1, 2019**

**Session I: Epidemiology, Etiology and Basic Knowledge of Liver Cirrhosis and Portal Hypertension**
Moderators: Akio Ito, Junko Tanaka
08:30-08:50  Stratification of Cirrhosis
Masayoshi Uchiyama (National University of Singapore, Singapore)

09:00-09:30  Epidemiology, Etiology and Natural Course of Cirrhosis in Taiwan
Jia-Hong Kao (National Taiwan University, Taiwan)

09:30-09:50  Epidemiology, Etiology and Natural Course of Cirrhosis in Vietnam
Bui Hue Hoang (University of Medicine and Pharmacy at HCMC, Vietnam)

10:00-10:10  Discussion

**Session II: Vascular Biology of Liver Cirrhosis and Portal Hypertension**
Moderators: Ganiath Islam, Yutaka Inagaki, Hirohisa Yano
10:10-10:30  Portal Hypertension and Vascular Biology in Liver Disease
Don C. Rockey (Medical University of South Carolina, USA)

10:30-10:50  The Pathogenesis of Liver Fibrosis and the Origin of Fibrogenic Myofibroblasts
Takuma Kisseiba (UCSD, USA)

10:50-11:10  The Regulation of Hepatic Lymphangiogenesis
Yutaka Inagaki (Yale University, USA)

11:10-11:30  Pathology of Portal Hypertension
Masayoshi Kage (Kanazawa University, Japan)

11:30-11:40  Discussion

11:40-11:50  Break

11:50-12:15  **Luncheon Seminar 1**
hosted by AbbVie GK
Moderator
Tetsuya Takehara (Osaka University, Japan)
Liver Fibrosis in the Post-HCV Era
Massayoshi Kage (Kanazawa University, Japan)

12:45-14:10  **Poster Session Day 1 (1F Room 101-102)**

**Late Breaking Research I: Basic (selected oral presentations)**
Moderators: Yutaka Inagaki, Yasuhito Tanaka, Hirohisa Yano
14:10-14:25  Selected 1
14:25-14:40  Selected 2
14:40-14:55  Selected 3
14:55-15:10  Selected 4

**Session III: Vascular Biology of Liver Cirrhosis and Portal Hypertension**
Moderators: Ganiath Islam, Yutaka Inagaki, Hirohisa Yano
14:55-15:10  3-D Imaging for Liver Cirrhosis and Portal Hypertension
Akio Ito (Osaka University, Japan)

15:10-15:30  Gut-Liver Axis, Cirrhosis, and Portal Hypertension: the chicken and the egg
Vijay H. Shah (Mayo Clinic, USA)

15:30-15:50  Gut-Liver Axis in Cirrhosis and Portal Hypertension
Ki Tae Suk (Hallym University, Republic of Korea)

15:50-16:10  The Role of Gut Microbiota in Anti-tumor Immunity in Liver Tumor Microenvironment
Naoko Ohnishi (Osaka City University, Japan)

16:10-16:30  Gut-Liver Axis in Chronic Liver Diseases
Hiroshi Yoshiji (Nara Medical University, Japan)

16:30-16:40  Discussion

16:40-16:50  Break

16:50-17:10  **Evening Seminar 1**
hosted by Nihon Pharmaceutical Co., LTD
Moderator
Kazuhiko Kako (University of Tokyo, Japan)
Portal Vein Thrombosis in Patients with Liver Cirrhosis
Hiroyuki Kawanaka (National Hospital Organization Beppu Medical Center, Japan)

19:30~  Social Gathering

**Session IV: Complications of Liver Cirrhosis and Portal Hypertension**
Moderators: Tatuya Inagaki, Yasuhito Tanaka, Moon Young Kim
10:10-10:30  3-D Imaging for Liver Cirrhosis and Portal Hypertension
Takamichi Murakami (Kobe University, Japan)

10:30-10:50  Role of Dual Red Imaging to Esophageal Varices Endoscopic Treatment
Yoshishiro Fukuichi (Tokyo Medical University, Japan)

10:50-11:10  Treatment of Thrombocytopenia in Advanced Stage Liver Disease (in Europe)
Markus Peck-Radosavljevic (Klinikum Klagenfurt, Austria)

11:10-11:30  Bacterial Infection and Acute Kidney Injury in Cirrhosis
Kaei-Chua Lee (Taipei Veterans General Hospital, Taiwan)

11:30-11:40  Discussion

11:40-11:50  Break

11:50-12:15  **Luncheon Seminar 2**
hosted by Eisai Co., Ltd & MSD
Moderator
Hitoshi Yoshiji (Nara Medical University, Japan)
Diagnosis and surveillance for HCC – Focus on Lenvatinib –

12:45-14:10  **Poster Session Day 1 (1F Room 101-102)**

**Late Breaking Research II: Translational (selected oral presentations)**
Moderators: Markus Peck-Radosavljevic, Kenichi Harada, Naoya Kato
14:10-14:25  Selected 5
14:25-14:40  Selected 6
14:40-14:55  Selected 7
14:55-15:10  Selected 8

**Session V: Gut-Liver Axis in Cirrhosis and Portal Hypertension**
Moderators: David A Brenner, Hajime Takikawa, Masashi Yoneada
14:55-15:10  Gut-Liver Axis: Pathogenesis and Therapeutic Implication
Ken Shirabe (Gunma University, Japan)

15:10-15:30  Gut-Liver Axis in Cirrhosis and Portal Hypertension: the chicken and the egg
Ken Shribre (Gunma University, Japan)

15:30-15:50  Surgical Treatment for Portal Hypertension
Hiroshi Yoshiji (Nippon Medical School, Japan)

15:50-16:10  Portosystemic Shunt Syndrome: Pathogenesis, Hemodynamics, Diagnosis and Endovascular Management
Yoshihiro Furuichi (Tokyo Medical University, Japan)

16:10-16:30  BRTO in Japan
Jun Koizumi (Tokai University, Japan)

16:30-16:40  Discussion

16:40-16:50  Break

16:50-17:10  **Evening Seminar 2**
hosted by Bayer Yakuhin, Ltd.
Moderator
Hitoshi Iizuka (Hirohno College of Medicine, Japan)
Therapeutic Strategy in multiple TKI era

19:30~  Social Gathering

**Session VI: ITR and Surgical Treatment for Cirrhosis and Portal Hypertension**
Moderators: Shozo Hirota, Mitsuo Shimada, Xiaolong Q1
15:10-15:30  Surgery and Basic Approach for Portal Hypertension
Ken Shirabe (Gunma University, Japan)

15:30-15:50  Surgical Treatment for Portal Hypertension
Hiroshi Yoshiji (Nippon Medical School, Japan)

15:50-16:10  Portosystemic Shunt Syndrome: Pathogenesis, Hemodynamics, Diagnosis and Endovascular Management
Yoshihiro Furuichi (University of Michigan, USA)

16:10-16:30  BRTO in Japan
Jun Koizumi (Tokai University, Japan)

16:30-16:40  Discussion

16:40-16:50  Break

16:50-17:10  **Evening Seminar 2**
hosted by Bayer Yakuhin, Ltd.
Moderator
Hitoshi Iizuka (Hirohno College of Medicine, Japan)
Clinical impact of sequential therapy in patients with unresectable HCC – real world data and future perspective –

19:30~  Social Gathering
Day 2: Wednesday, October 2, 2019

Morning Seminar 1
Moderator: Satoshi Mochida (Seita University Medical School)
Novel Therapeutic Strategies for Liver Fibrosis by Hepatitis C Virus
Control and Functional Cure of HBV Infection
Jia-Horng Kao (National Taiwan University, Taiwan)

Morning Seminar 2
Moderator: Kiwamu Otaka (Shuan Memorial Hospital, Japan)
Total management of cirrhosis
Koichu Takaguchi (Kagawa Prefectural Central Hospital, Japan)

Session XI: Assessment of Liver Cirrhosis and Portal Hypertension I
Moderators: Joan Geneseca, Hidetomo Saito, Shigehiro Kobu
09:00-09:20 Acute Portal Hypertension Syndromes: an under recognized entity
Shiv Kumar Sarin (Institute for Liver and Biliary Diseases Sciences, India)

09:20-09:40 Accuracy of Viscoelasticity Measurement in Assessing Histologic Paraneopases in Patients with Nonalcoholic Fatty Liver Disease Using Shear Wave US Elastography
Fumonori Moriyama (Sanpo Hospital, Japan)

09:40-10:00 Non-invasive Evaluation of Liver Fibrosis
Laurent Castera (Hôpital Beaujon, France)

10:00-10:20 Non-invasive Diagnosis of Liver Fibrosis by MR Elastography
Masato Tonedo (Tokohama City University, Japan)

10:20-10:30 Discussion
10:30-10:40 Break

Luncheon Seminar 3
Moderator: Yoichi Hira (Ehime University, Japan)
Update on liver fibrosis and cirrhosis
Vincent WS Wang (The Chinese University of Hong Kong, China)

Poster Session 2 (11F Room1101-1102)
Moderators: Vijay Shah, Fumita Suzuki, Takaji Torimura
14:45-15:00 Selected 9
15:00-15:15 Selected 10
15:15-15:30 Selected 11
15:30-15:45 Selected 12
15:45-16:00 Selected 13

Session XII: Emerging Therapies for Liver Cirrhosis and Portal Hypertension II
Moderators: Tatiana Kiseleva, Yohsito Ito, Laurent Castera
09:00-10:00 Development of Anti-Fibrotic Drugs
David A Brenner (UCSD, USA)

10:00-10:15 Clinical Features of Sarcopenia in Patients with Chronic Liver Disease and Efficacy of Intervention with BCAA and Exercise
Atsushi Hirooka (Ehime Prefectural Central Hospital, Japan)

10:15-10:30 Real-World Experience of Lasutrombopag for Cirrhotic Patients with Low Platelet Counts Prepared for Invasive Pares
Namiki Inami (Musashino Red Cross Hospital, Japan)

10:30-10:45 Stem Cell Therapy For Liver Cirrhosis: Basic Study And Clinical Trial
Shoji Terai (Nippon University, Japan)

10:45-11:00 Transplantation of Mesenchymal Stem Cell as A New Therapeutic Option In Hepatic Fibrosis
Soon Koo Baik (Yonsei University Wonju College of Medicine, Republic of Korea)

11:00-11:15 Discussion
11:15-11:45 Closing Remarks
Shigehiro Kobu (Shin Yurigaoka Hospital, Japan)

Poster Session 2 (11F Room1101-1102)
Moderators: Wahl Saad, Navneet Sakamoto, Kenichi Tajima
10:40-11:00 Red World Ascites Treatment in Japan
Masaomi Atukawa (Nippon Medical School, Japan)

11:00-11:20 A New Era of Treatment with Antithrombin Therapy for Portal Vein Thrombosis
Hitoshi Hidaka (Kitasato University, Japan)

11:20-11:40 Muscle Clumps and Sarcopenia
Takamit Kawayash (Kawame University, Japan)

11:40-12:00 Effects of BCAA on Prevention of Liver Failure and Carcinogenesis in Patients with Cirrhosis
Masahide Shinozaki (Gifu University, Japan)

12:00-12:10 Discussion
12:10-12:20 Break

Luncheon Seminar 4
Moderator: Masahiro Hino (Kawame Medical School, Japan)
Prediction of liver fibrosis progression and HCC development in NAFLD
Keisuke Hino (Kawame Medical School, Japan)
Remaining issues in post-virus hepatitis era-Usefulness of biomarkers in hepatic carcinogenesis and portal hypertension
Hiroshi Yatuzakawa (Nagasaki Medical Center, Japan)

Poster Session 2 (11F Room1101-1102)
Moderators: Kazuhiko Nakao, Mitsuhiro Moriyama Hiroshi Yotsuyanagi
14:45-15:00 Selected 14
15:00-15:15 Selected 15
15:15-15:30 Selected 16
15:30-15:45 Selected 17
15:45-16:00 Selected 18

Session XII: Emerging Therapies for Liver Cancer from Cirrhosis
Moderators: Shiv Kumar Sarin, Norihiro Kobu, Hiroshi Nakano
16:00-16:20 Occurrence of Hepatocellular Carcinoma from Cirrhosis
Tung-Hung Su (National Taiwan University Hospital, Taiwan)

16:20-16:40 Pathology Diagnosis of Tumor Microenvironment of HCC
Michio Sakamoto (Keio University, Japan)

16:40-17:00 Prevention and Risk for Liver Cancer after Anti-Viral Therapy in Patients with HBV/HCV
Yasuhiro Asahina (Tokyo Medical and Dental University, Japan)

17:00-17:20 Development of Immunotherapy for Hepatocellular Carcinoma
Eiichi Mizukoshi (Kansawa University, Japan)

17:20-17:40 Molecular Targeted Therapy for Liver Cancer
Maotsho Kudo (Kitake University, Japan)

17:40-17:50 Discussion