International Symposium on Alcoholic Liver and Pancreatic Diseases and Cirrhosis

MAY 17, 2006 (Wednesday)
Registration (16:30 – 21:00) – Garden Veranda

Welcome Reception (18:30 - 21:00) – Upper Pool Terrace

MAY 18, 2006 (Thursday)
Registration (7:30 – 8:30) – Outside of Salon II & III

Continental Breakfast (7:30 – 8:30) – Outside of Salon II & III

Welcoming Remarks (8:30 – 8:40) – Salon II & III
Hide Tsukamoto

Special Remarks From NIAAA (8:40 – 8:55) – Salon II & III
Sam Zakhari, NIAAA/NIH

Session 1: Cell Death and Survival (9:00-12:15) – Salon II & III
Chaired by Stephen Pandol and Jan Hoek

Speaker 1
(25 min)
Jose Fernandez-Checa
(Barcelona)
Mitochondrial GSH, a hepatocellular survival/death switch.

Speaker 2
(25 min)
Neil Kaplowitz
(Los Angeles)
Unfolding new mechanisms of alcoholic liver disease in the ER

Speaker 3
(25 min)
Anna Gukovskaya
(Los Angeles)
Cell death in pancreatitis. Effects of ethanol.

Break (15 min)

Speaker 4
(25 min)
Ole Petersen
(United Kingdom)
Role of Ca^{2+} in pancreatic cell death induced by alcohol metabolites

Speaker 5
(25 min)
Fred Gorelick
(West Haven)
The vacuolar-ATPase regulates zymogen processing in the pancreatic acinar cell

Speaker 6
(25 min)
Arthur Cederbaum
(New York)
CYP2E1-dependent oxidant stress and upregulation of antioxidant defense in liver cells.

Lunch and Poster Session (12:15-13:30) – The Rose Garden and The Marina Vista
Session 2: Oxidant Stress, Inflammation and Genetics (13:30-17:45) – Salon II & III

Chaired by Hiromasa Ishii and Gavin Arteel

**Speaker 1** (25 min)  
Xianglin Shi  
(Shanghai/Morgantown)  
Ethanol generates reactive oxygen species and induces angiogenesis

**Speaker 2** (25 min)  
Laura Nagy  
(Cleveland)  
TLR4 signaling to ERK1/2 and Egr-1: role in TNFα expression after chronic ethanol

**Speaker 3** (25 min)  
Steven Weinman  
(Galveston)  
Mitochondrial ROS production and Hepatitis C

**Speaker 4** (25 min)  
Craig McClain  
(Louisville)  
Interactions of cytokines, SAMe, and SAH in alcohol-induced liver disease and immune suppression

Break (15 min)

**Speaker 5** (25 min)  
Christian Trautwein  
(Germany)  
Evaluation of the role of NF-κB signaling in liver injury by genetic animal models

**Speaker 6** (25 min)  
Tooru Shimosegawa  
(Sendai)  
SPINK 1 gene mutations in pancreatitis patients in Japan

**Speaker 7** (25 min)  
David Whitcomb  
(Pittsburg)  
Gene-environment factors that contribute to alcoholic pancreatitis in humans

**Speaker 8** (25 min)  
Scott Friedman  
(New York)  
Transcriptional regulation of stellate cell activation

Cruise Dinner (18:45-21:45) – Ritz-Carlton Dock

MAY 19, 2006 (Friday)

Registration (7:30 – 8:30) – Outside Salon II & III

Continental Breakfast (7:30 – 8:30) – Outside Salon II & III

Session 3: Metabolism and Cancer (8:30-11:45) – Salon II & III

Chaired by Vijay Kalra and Michio Imawari

**Speaker 1** (25 min)  
David Crabb  
(Indianapolis)  
Alcohol and lipid metabolism

**Speaker 2** (25 min)  
Shelly Lu  
(Los Angeles)  
MAT and SAMe in alcoholic liver disease
<table>
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<tr>
<th>Speaker 3</th>
<th>Jia Luo (Shanghai)</th>
<th>Interaction of ErbB2 and MMP-2 mediates ethanol-induced invasion of mammary epithelial and breast cancer cells</th>
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<td>Break (15 min)</td>
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<td>Speaker 4</td>
<td>Peter Buechler (Germany)</td>
<td>Pancreatic cancer</td>
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<td>Speaker 5</td>
<td>Makoto Suematsu (Tokyo)</td>
<td>Cystathionine β synthase: A novel CO-specific regulator of hepatobiliary function</td>
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<td>Speaker 6</td>
<td>Saburo Onishi (Kochi)</td>
<td>Functional scan-imaging of hepatic fatty acid Metabolism in Vivo using $^{123}$I-BMIPP in patients with NASH revealed a SNP as a major rate-limiting factor in hepatic fatty acid beta-oxidation</td>
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**Group Photo (11:45 – 12:00)** – The Rose Garden

**Lunch and Poster Session (12:00-13:00)** – The Rose Garden and The Marina Vista

**Special Remarks (13:00 – 13:10)** – Salon II & III

Randy Hall, Vice Provost for Research Advancement, USC

**Session 4: Stellate Cell Biology (13:15-16:30)** – Salon II & III

Chaired by David Brenner and Kasper Wang

<table>
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<tr>
<th>Speaker 1</th>
<th>David Brenner (New York)</th>
<th>Hepatic stellate cells (HSCs) and the reversal of fibrosis</th>
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<td>Speaker 2</td>
<td>Kenichi Ikejima (Tokyo)</td>
<td>Role of adipocytokines in progression of alcoholic and non-alcoholic steatohepatitis</td>
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<td>Speaker 3</td>
<td>Yuan-Ping Han (Los Angeles)</td>
<td>Trans-differentiation of hepatic stellate cells in 3-dimensional ECM</td>
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<td>Break (15 min)</td>
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<tr>
<td>Speaker 4</td>
<td>Max Bachem (Germany)</td>
<td>Stimulation of stellate cells by injured acinar cells. A model of acute pancreatitis induced by alcohol and fat (VLDL)</td>
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</table>
Speaker 5  
Minote Apte  
(Australia)  
The battle-scarred pancreas: role of alcohol and pancreatic stellate cells in pancreatic fibrosis

Speaker 6  
Hide Tsukamoto  
(Los Angeles)  
Anti-adipogenic regulation underlies hepatic stellate cell transdifferentiation

Break (15 min)

Session 5: How to Promote Global Collaborative Research (16:45-18:30) – The Marina Vista

Chaired by Hide Tsukamoto and Stephen Pandol

Special Presentation (20 min)
Carl Anderson Johnson  
Director, Institute of Health Promotion & Disease Prevention Research, USC  
The pacific rim transdisciplinary tobacco & alcohol use research center

NIAAA Remarks (10 min)
Vishnudutt Purohit  
(NIAAA/NIH, Bethesda)  
International collaboration on alcoholic liver disease and pancreatitis: opportunities

Round Table Discussions on Strategic Planning
Panelists: Kenji Fujiwara, Yutaka Atomi, Hiromasa Ishii, Xianglin Shi, Sam Zakhari, Vishnu Purohit, Jose Fernandez-Checa, Max Bachem, Andy Johnson, Stephen Pandol, Jeremy Wilson and Zuo-Feng Zhang

Conclusion