

RSA / ISBRA 2008 DAILY SCHEDULE

FRIDAY, JUNE 27

RSA LECTURE SERIES

8:00am - 6:00pm	Session 1: Alcohol Action and Addiction	Independence FG
8:00am - 6:00pm	Session 2: Risk Factors and Health	Independence HI

5:00pm - 10:00pm	RSA BOARD OF DIRECTORS MEETING - Closed	Washington
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SATURDAY, JUNE 28

RSA LECTURE SERIES

8:00am - 6:00pm	Session 1: Alcohol Action and Addiction	Independence FG
8:00am - 6:00pm	Session 2: Risk Factors and Health	Independence BC

SATELLITE MEETINGS

7:30am - 5:00pm	Fetal Alcohol Spectrum Disorder - Study Group	Constitution A
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8:00am - 5:30pm	Alcohol as a Modifier of Biological Responses: Epigenetic Effects of Alcohol	Constitution B
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8:00am - 12noon	Integrative Neurosciences Initiative on Alcoholism (INIA) - STRESS - closed	Franklin/McPherson
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8:00am - 5:00pm	Integrative Neurosciences Initiative on Alcoholism (INIA) - WEST - closed	Farragut
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9:00am - 5:00pm	Modeling Behavior Change Over Time: The 12-Step Experience	LaFayette
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9:00am - 5:00pm	4th Annual Mechanisms of Behavior Change Behavioral Treatment: Today and Tomorrow	Constitution CDE
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1:00pm - 5:00pm	Alcohol Stress Interest Group (ASIG)	Franklin/McPherson
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9:00am - 12noon	RSA BOARD OF DIRECTORS MEETING - Closed	Washington
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1:00pm - 6:00pm	RSA / ISBRA REGISTRATION DESK - Open	Independence Foyer
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7:00pm - 10:00pm	2008 RSA/ISBRA OPENING RECEPTION National Museum of the American Indian - <u>Ticket Required</u> Busses will circulate between the Hyatt Lobby and Museum from 6:30pm to 10:30pm	
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SUNDAY, JUNE 29

6:30am - 8:30am	CONTINENTAL BREAKFAST - <u>Nametag Required</u>	Independence AEI / Foyer
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7:30am - 4:30pm	RSA / ISBRA REGISTRATION DESK - Open	Independence Foyer
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8:00am - 8:40am	OFFICIAL OPENING Dr. Toshikazu Saito - ISBRA President's Remarks Dr. Raymond Anton - RSA President's Remarks / Memorials	
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PRESENTATIONS:
 2008 RSA Young Investigator - Dr. Kimberly Nixon
 2008 RSA Distinguished Researcher - Dr. Kenneth Sher

8:40am - 9:00am

NIAAA UPDATE

Constitution
closed circuit cont'd.

Dr. Ting-Kai Li - NIAAA Director

9:00am - 10:00am

PLENARY SESSION I

Constitution
closed circuit cont'd.

MOLECULAR MECHANISMS OF ALCOHOL-MEDIATED CARCINOGENESIS
Helmut Karl Seitz, M.D., Ph.D., Ctr. of Alcohol Research, Liver Disease and Nutrition,
University of Heidelberg, Heidelberg, Germany

Dr. Helmut K. Seitz is Distinguished Professor of Internal Medicine, Gastroenterology and Alcohol Research at the University of Heidelberg, Heidelberg/Germany and Director of the Department of Medicine and Center of Alcohol Research, Liver Disease and Nutrition, Salem Medical Center, Heidelberg/Germany. Dr. Seitz is also Honorary Professor of the Tongji Medical College, Huazhong University, Wuhan, PR China and fellow of the American Gastroenterological Association. His major research areas are alcohol metabolism and toxicity with special emphasis on liver disease and carcinogenesis. Dr. Seitz is author and co-author of more than 330 publications and 8 books. He is presently President of the European Society for Biomedical Research on Alcoholism.

Approximately 3.6% of all cancers worldwide derive from chronic alcohol consumption including those of the upper aerodigestive tract (oral cavity, pharynx, larynx, esophagus), the colorectum, the liver and the breast. Although the mechanisms for alcohol mediated carcinogenesis are still not completely understood, experimental and human data focus on acetaldehyde as an important cancer causing agent. In the liver, chronic alcohol drinking may act primarily via oxidative stress. The induction of cytochrome P4502E1 by ethanol, increased hepatic iron as well as a striking decrease in the antioxidative defense system may result in reactive oxygen species leading to exocyclic etheno DNA adducts with carcinogenic potency. Ethanol may also stimulate carcinogenesis by inhibiting DNA methylation and by interacting with retinoid metabolism and by increasing estradiols. An interaction with other factors such as smoking, diets and comorbidities as well as genetic susceptibilities may further modify alcohol mediated cancer development.

10:00am - 10:30am

COFFEE BREAK

Independence Foyer

10:30am - 12:30pm

SYMPOSIUM

Independence FGH

ETHANOL AND RECEPTOR GATED ION CHANNELS: A MEMORIAL TO DR. MAHARAJ TICKU
Organizers/Chairs: Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA
and Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

- 10:30 INTRODUCTION
Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA
- 10:40 RAJ TICKU, A PIONEER IN THE STUDY OF ETHANOL ACTIONS ON LIGAND-GATED ION CHANNELS
David Lovinger, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Rockville, MD USA
- 11:05 HOW RAJ TICKU LEAD US TO STUDIES OF ETHANOL EFFECTS ON GABAA RECEPTOR TRAFFICKING AND NEW LEADS TO THERAPEUTICS FOR ALCOHOLISM
A. Leslie Morrow, Univ. of North Carolina School of Medicine, Chapel Hill, NC USA
- 11:30 BIOCHEMICAL STUDIES ON ALLOSTERIC MODULATION OF GABAA RECEPTORS
Richard W. Olsen, UCLA School of Medicine, Los Angeles, CA USA
- 11:55 TOO MANY SUBUNITS SO LITTLE TIME: TICKU'S LEGACY ON ETHANOL MODULATION OF GABAA RECEPTOR SUBUNIT GENE EXPRESSION
Paolo Folliesca, Dept. of Experimental Biology, Univ. of Cagliari, Cagliari, Italy
- 12:20 DISCUSSANT
Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA

10:30am - 12:30pm

SYMPOSIUM

Constitution A

NEW FINDINGS ON ALCOHOL USE DISORDERS IN THE U.S. GENERAL POPULATION
Organizer/Chair: Deborah Hasin, Psychiatry and Epidemiology, Columbia Univ., New York, NY USA
Co-Chair: Bridget Grant, NIH / NIAAA / LEB, Bethesda, MD USA

- 10:30 INTRODUCTION
Deborah Hasin, Psychiatry and Epidemiology, Columbia Univ., New York, NY USA
- 10:40 FIRST INCIDENCE OF DSM-IV ALCOHOL, DRUG, AND PSYCHIATRIC DISORDERS: RESULTS FROM NESARC, WAVE 2
Bridget Grant, NIH / NIAAA / LEB, Bethesda, MD USA
- 11:05 CHILDHOOD ADVERSITY AND ADULT ALCOHOL DEPENDENCE: NESARC FINDINGS
Daniel Pilowsky, Psychiatry and Epidemiology, Columbia Univ., New York, NY USA
- 11:30 DIMENSIONALITY OF LIFETIME ALCOHOL ABUSE, DEPENDENCE AND BINGE DRINKING
Cheryl Beseler, College of Public Health, Univ. of Nebraska, Omaha, NE USA
- 11:55 PUBLIC CONCEPTIONS OF ALCOHOL DEPENDENCE: CONTINUITY AND CHANGE 1996 TO 2006
Marilyn Sinkewicz, Dept. of Epidemiology, Columbia Univ., New York, NY USA
- 12:20 DISCUSSANT
Deborah Hasin, Psychiatry and Epidemiology, Columbia Univ., New York, NY USA

10:30am - 12:30pm

SYMPOSIUM

Renwick/Bulfinch

CYTOKINES AND SIGNALING PATHWAYS IN ALCOHOLIC LIVER DISEASE
Organizers/Chairs: Bin Gao, Sec. on Liver Biology LPS, NIAAA/NIH, Bethesda, MD USA
and George Kunos, NIAAA / NIH, Bethesda, MD USA

- 10:30 INTRODUCTION
Samir Zakhari, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA
- 10:40 ALCOHOL CONSUMPTION INDUCES MITOCHONDRIA DNA DAMAGE AND REPAIR IN MOUSE LIVER: PROTECTIVE ROLE OF IL-6
Zhaoli Sun, Dept. of Surgery, Johns Hopkins Univ. School of Med., Baltimore, MD USA
- 11:05 THE DIFFERENTIAL ROLE OF CELL-SPECIFIC STAT3 IN ALCOHOL-INDUCED LIVER INFLAMMATION
Bin Gao, Sec. on Liver Biology LPS, NIAAA/NIH, Bethesda, MD USA
- 11:30 ETHANOL-INDUCED GAMMA-KETO-ALDEHYDE-PROTEIN ADDUCT FORMATION IN MOUSE LIVER IS DEPENDENT ON TNF- α RECEPTOR
Sanjoy Roychowdhury, Dept. of Pathobiology, Cleveland Clinic, Cleveland OH USA
- 11:55 BENEFICIAL MODULATION OF TNF- α IN ALCOHOLIC LIVER DISEASE
Craig McClain, Depts. of Medicine and Pharmacology/Toxicology, Univ. of Louisville, Louisville, KY USA
- 12:20 DISCUSSANT
George Kunos, NIAAA / NIH, Bethesda, MD USA

10:30am - 12:30pm

SYMPOSIUM

Farragut/LaFayette

GABA-B RECEPTOR: A NEW TARGET FOR EFFECTIVE PHARMACOTHERAPIES FOR ALCOHOL DEPENDENCE?
Organizer/Chair: Kimberly Leite-Morris, Dept. of Pharmacology and Exper. Therapeutics,
Boston Univ., Boston, MA USA
Co-Chair: Giancarlo Colombo, Dept. of Neuroscience, Univ. of Cagliari, Cagliari, Italy

- 10:30 INTRODUCTION
Kimberly Leite-Morris, Dept. of Pharmacology and Exper. Therapeutics, Boston Univ., Boston, MA USA
- 10:40 INTRA-VTA ACTIVATION OF GABA-B RECEPTORS MODULATES ACCUMBAL DOPAMINE DURING ETHANOL SEEKING BEHAVIOR
Kimberly Leite-Morris, Dept. of Pharmacology and Exper. Therapeutics, Boston Univ., Boston, MA USA
- 11:05 GABA-B RECEPTOR MODULATION OF ETHANOL WITHDRAWAL-INDUCED ANXIETY-LIKE BEHAVIOR IN RATS
Darin J. Knapp, Dept. of Psychiatry, Univ. of North Carolina School of Medicine, Chapel Hill, NC USA
- 11:30 EFFICACY AND SAFETY OF BACLOFEN IN INCREASING ABSTINENCE IN ALCOHOL DEPENDENT PATIENTS
Lorenzo Leggio, Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI USA and Inst. of Internal Med., Catholic Univ. of Rome, Rome, Italy
- 11:55 COMPARISON OF U.S. AND ITALIAN HUMAN BACLOFEN TRIALS: WHY THE DIFFERENCE?
Barbara Flannery, RTI International, Baltimore, MD USA
- 12:20 DISCUSSANT
James Garbutt, Dept. of Psychiatry, Univ. of North Carolina, Chapel Hill, NC USA

10:30am - 12:30pm

SYMPOSIUM

Independence BCD

ETHANOL AND BRAIN FUNCTION: RELIEVE, DAMAGE, AND REPAIR

Organizers/Chairs: Eri Hashimoto, Dept. of Neuropsychiatry, Sapporo Medical Univ., Sapporo, Hokkaido, Japan
Co-Chair: Kimberly Nixon, Dept. of Pharmaceutical Sciences, Univ. of Kentucky, Lexington, KY USA

- 10:30 INTRODUCTION
Kimberly Nixon, Dept. of Pharmaceutical Sciences, Univ. of Kentucky, Lexington, KY USA
- 10:40 NEURAL STEM CELLS AND ALCOHOL: ROLES IN ALCOHOLIC DEGENERATION AND REGENERATION
Kimberly Nixon, Dept. of Pharmaceutical Sciences, Univ. of Kentucky, Lexington, KY USA
- 11:05 DEPENDING ON DOSE AND CONTEXT, ALCOHOL CONSUMPTION CAN BOTH INCREASE AND DECREASE HIPPOCAMPAL NEUROGENESIS IN RODENTS
Stefan Brené, Dept. of Neuroscience, Karolinska Inst., Stockholm, Sweden
- 11:30 EFFECTS OF CHRONIC ETHANOL EXPOSURE ON LONG-TERM DIFFERENTIATION OF SH-SY5Y HUMAN NEUROBLASTOMA CELLS
Julian D. Hellman, Dept. of Psychiatry CBF, Charite-Univ. Medicine, Berlin, Germany
- 11:55 TRANSLATIONAL RESEARCH OF REPAIRING THERAPY FOR THE DAMAGED BRAIN
Eri Hashimoto, Dept. of Neuropsychiatry, Sapporo Medical Univ., Sapporo, Hokkaido, Japan
- 12:20 DISCUSSANT
Brian Christie, Univ. of Victoria, Div. of Medical Sciences, Victoria, British Columbia, Canada

10:30am - 12:30pm

SYMPOSIUM

Constitution B

MECHANISMS OF CHANGE IN BRIEF INTERVENTIONS FOR YOUNG ADULT DRINKING
Organizer/Chair: Scott T. Walters, Univ. of Texas School of Public Health, Dallas, TX USA

- 10:30 INTRODUCTION
Scott T. Walters, Univ. of Texas School of Public Health, Dallas, TX USA
- 10:40 MECHANISMS OF CHANGE IN A BRIEF INTERVENTION TARGETING 21ST BIRTHDAY DRINKING
Clayton Neighbors, Dept. of Psychiatry & Behavioral Sciences, Univ. of Washington, Seattle, WA USA
- 11:05 DISMANTLING MOTIVATIONAL INTERVIEWING, FEEDBACK, AND ASSESSMENT AMONG HEAVY DRINKING COLLEGE
Scott T. Walters, Univ. of Texas School of Public Health, Dallas, TX USA
- 11:30 A COMPARISON OF INDIVIDUAL AND GROUP MOTIVATIONAL INTERVENTIONS WITH AIR FORCE PERSONNEL
Janice M. Brown, RTI International, Research Triangle Park, NC USA
- 11:55 MOTIVATIONAL INTERVIEWING FOR REDUCING HIGH-RISK DRINKING: THE ROLE OF CLIENT LANGUAGE IN PREDICTING 3 MONTH OUTCOMES
Carol L. Council, RTI International, Research Triangle Park, NC USA
- 12:20 DISCUSSANT
Mary E. Larimer, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington, Seattle, WA USA

10:30am - 12:30pm

SYMPOSIUM

Constitution CDE

EPIGENETIC APPROACHES TO THE STUDY OF ALCOHOLISM AND ALCOHOL EFFECTS
Organizers/Chairs: Feng C. Zhou, Dept. of Anatomy and Cell Biology, Indiana Univ., Indianapolis, IN USA
and Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois-Chicago and JBVAMC, Chicago, IL USA

- 10:30 INTRODUCTION
Feng C. Zhou, Dept. of Anatomy and Cell Biology, Indiana Univ., Indianapolis, IN USA
- 10:40 EPIGENOMICS OF COMPLEX PSYCHIATRIC DISEASE
Arturas Petronis, Pharmacology and Toxicology, Univ. of Toronto, Toronto, Ontario, Canada
- 11:05 ALCOHOL EXPOSURE INDUCES EPIGENETIC MODIFICATION AT EARLY NEURULATION OF EMBRYONIC DEVELOPMENT
Feng C. Zhou, Dept. of Anatomy and Cell Biology, Indiana Univ., Indianapolis, IN USA
- 11:30 ROLE OF DNA METHYLTRANSFERASE 1 IN ALCOHOL-INDUCED LIVER DAMAGE IN A MOUSE MODEL
Samson T. Jacob, College of Med., and Comprehensive Cancer Ctr., Ohio State Univ., Columbus, OH USA
- 11:55 AN ESSENTIAL ROLE OF BRAIN CHROMATIN REMODELING IN ALCOHOL DEPENDENCE
Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois-Chicago and JBVAMC, Chicago, IL USA
- 12:20 DISCUSSANT
Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois-Chicago and JBVAMC, Chicago, IL USA

10:30am - 12:30pm

SYMPOSIUM

Franklin/McPherson

GENETIC DETERMINANTS OF SUBJECTIVE AND PHYSIOLOGICAL RESPONSES TO ETHANOL
AND THE RISK FOR ALCOHOL USE DISORDERS IN ASIANS

Organizers/Chairs: Susumu Higuchi, Nat'l. Hospital Organization, Kurihama Alcoholism Ctr., Yokosuka, Kanagawa, Japan
and Victor Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA

- 10:30 INTRODUCTION
Susumu Higuchi, Nat'l. Hospital Organization, Kurihama Alcoholism Ctr., Yokosuka, Kanagawa, Japan
- 10:40 THE IMPORTANCE OF ALDH2 AND ADH2 LOCI FOR ALCOHOL DEPENDENCE IN EAST INDIAN ALCOHOLICS
Meera Vaswani, Dept. of Psychiatry, All India Inst. of Medical Sciences, New Delhi, India
- 11:05 GENDER DIFFERENCES IN THE GENETIC RISK FOR ALCOHOL DEPENDENCE: THE RESULTS OF A PHARMACOGENETIC
STUDY IN KOREAN ALCOHOLICS
Sung-Gon Kim, Dept. of Psychiatry, School of Medicine, Pusan National Univ., Pusan, Korea
- 11:30 THE ASSOCIATION BETWEEN SENSITIVITY TO ALCOHOL AND POLYMORPHISMS OF ALCOHOL METABOLIZING ENZYMES AND
OTHER GENES USING THE ALCOHOL CLAMP METHOD
Sachio Matsushita, Dept. of Psychiatry, Nat'l. Hospital Organization Kurihama Alcoholism Ctr., Yokosuka, Kanagawa, Japan
- 11:55 PHARMACOKINETIC AND PHARMACODYNAMIC EFFECTS OF ACETALDEHYDE IN ASIAN ALCOHOLICS CARRYING THE
VARIANT ALDH2*2 GENE ALLELE
Shih-Jiun Yin, Dept. of Biochemistry, Nat'l. Defense Medical Ctr., Taipei, Taiwan
- 12:20 DISCUSSANT
Peter Dodd, School of Molecular and Microbial Sciences, Univ. of Queensland, Brisbane, Queensland, Australia

12:30pm - 2:00pm

LUNCH BREAK

Bridge Rooms

RSA Sponsored Student Luncheon
Organized by the RSA Education Committee Chair: Tamara Wall

12:30pm - 2:00pm

ISBRA BOARD OF DIRECTORS MEETING - Closed

Burnham

Meeting continued on Monday at 11:45am

12:30pm - 2:00pm

Alcoholism: Clinical and Experimental Research - Closed

Latrobe

Editorial Board Meeting / Luncheon

2:00pm - 4:00pm

SYMPOSIUM

Independence BCD

TOWARDS AN INDIVIDUALIZED TREATMENT IN ALCOHOL DEPENDENCE: RESULTS FROM THE US-COMBINE STUDY
AND THE GERMAN PREDICT STUDY -- IN HONOR OF PAST WORK OF DR. JACK MENDELSON

Organizers/Chairs: Karl F. Mann, Central Inst. of Mental Health, Univ. of Heidelberg, Mannheim, Germany
and Raymond F. Anton, Ctr. for Drug and Alcohol Problems, Univ. of South Carolina, Charleston, SC USA

- 2:00 INTRODUCTION
Karl F. Mann, Central Inst. of Mental Health, Univ. of Heidelberg, Mannheim, Germany
- 2:10 PREDICTION OF DRINKING AND CLINICAL OUTCOMES STATUS FOLLOWING TREATMENT WITH NALTREXONE AND
ACAMPROSATE: RESULTS FROM THE COMBINE STUDY
Dennis M. Donovan, Alcohol & Drug Abuse Inst., Univ. of Washington School of Medicine, Seattle, WA USA
- 2:35 ALCOHOL SUBTYPES AS PREDICTORS FOR TREATMENT RESPONSE: RESULTS FROM THE COMBINE STUDY
Helen M. Pettinati, Ctr. for Studies on Addiction, Univ. of Pennsylvania School of Medicine, Philadelphia, PA USA
- 3:00 CRAVING SUBTYPES AS PREDICTORS FOR TREATMENT RESPONSE: RESULTS FROM THE PREDICT STUDY
Karl F. Mann, Central Inst. of Mental Health, Univ. of Heidelberg, Mannheim, Germany
- 3:25 EFFECT OF ACAMPROSATE AND NALTREXONE ON fMRI BOLD RESPONSE TO ALCOHOL RELATED STIMULI: RESULTS
FROM THE PREDICT STUDY
Michael Smolka, Sec. of Systems Neuroscience, Univ. of Dresden, Dresden, Germany
- 3:50 DISCUSSANT
Raymond F. Anton, Ctr. for Drug and Alcohol Problems, Univ. of South Carolina, Charleston, SC USA

2:00pm - 4:00pm

SYMPOSIUM

Renwick/Bulfinch

PROGRESSION OF ALCOHOLIC LIVER DISEASE

Organizer/Chair: Steven Dooley, Alcohol Research in Gastroenterology, Univ. Hospital, Mannheim, Germany

- 2:00 INTRODUCTION
Steven Dooley, Alcohol Research in Gastroenterology, Univ. Hospital, Mannheim, Germany
- 2:10 ALCOHOL AND STEATOSIS
Juliane Beier, Dept. of Pharmacology and Toxicology, Univ. of Louisville HSC, Louisville, KY USA
- 2:35 ALCOHOL AND STEATOHEPATITIS: REGULATION OF KUPFFER CELL SIGNAL TRANSDUCTION BY ADIPONECTIN
Laura Nagy, Depts. of Gastroenterology and Pathobiology, Cleveland Clinic Foundation, Cleveland OH USA
- 3:00 FIBROGENIC CYTOKINE SIGNALING IN CHRONIC LIVER DISEASES INDUCED BY ALCOHOL AND OTHER ETIOLOGIES
HongLei Weng, Alcohol Research in Gastroenterology, Univ. Hospital, Mannheim, Germany
- 3:25 ALCOHOL AND LIVER CANCER
Sebastian Mueller, Gastroenterology and Alcohol-Related Sciences, Univ. of Heidelberg, Heidelberg, Germany
- 3:50 DISCUSSANT
Steven Dooley, Alcohol Research in Gastroenterology, Univ. Hospital, Mannheim, Germany

2:00pm - 4:00pm

SYMPOSIUM

Franklin/McPherson

ALCOHOL AND INJURY IN THE EMERGENCY ROOM: INTERNATIONAL FINDINGS FROM THE ERCAAP AND WHO COLLABORATIVE STUDY

Organizer/Chair: Cheryl J. Cherpitel, Alcohol Research Group, Emeryville, CA USA

- 2:00 INTRODUCTION
Cheryl J. Cherpitel, Alcohol Research Group, Emeryville, CA USA
- 2:10 RISK OF ALCOHOL-RELATED INJURY
Yu Ye, Alcohol Research Group, Emeryville, CA USA
- 2:35 CAUSAL ATTRIBUTION OF INJURY TO ALCOHOL
Jason Bond, Alcohol Research Group, Emeryville, CA USA
- 3:00 VARIATION IN ALCOHOL-RELATED INJURY BY CAUSE OF INJURY
Guilherme Borges, Nat'l. Inst. of Psychiatry, Mexico City, Mexico
- 3:25 GENDER DIFFERENCES IN THE ASSOCIATION BETWEEN ALCOHOL AND VIOLENCE-RELATED INJURY
Samantha Wells, Ctr. for Addiction and Mental Health, London, Ontario, Canada
- 3:50 DISCUSSANT
Tim Stockwell, Ctr. for Addictions Research of BC, Univ. of Victoria, Victoria, British Columbia, Canada

2:00pm - 4:00pm

SYMPOSIUM

Constitution CDE

ENDOCANNABINOID PARTICIPATION IN ALCOHOL'S EFFECTS ON NEUROPHYSIOLOGY AND BEHAVIOR

Organizers/Chairs: Loren H. Parsons, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA and Marisa Roberto, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA

- 2:00 INTRODUCTION
Loren H. Parsons, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA
- 2:10 ENDOCANNABINOID REGULATION OF ALCOHOL DRINKING IN ALCOHOL-PREFERRING AA RATS
Petri Hyytia, Dept. of Mental Health and Alcohol Research, Nat'l. Public Health Inst., Helsinki, Finland
- 2:35 EVALUATION OF REGIONAL DIFFERENCES IN ETHANOL-INDUCED ENDOCANNABINOID FORMATION AND CB1 ANTAGONIST-INDUCED ALTERATIONS IN ETHANOL INTAKE
Loren H. Parsons, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA
- 3:00 PKC EPSILON MODULATES ENDOCANNABINOID SIGNALING
Robert Messing, Ernest Gallo Clinic and Research Ctr., Emeryville, CA USA
- 3:25 INTERACTIONS OF ETHANOL AND CANNABINOIDS ON SYNAPTIC TRANSMISSION IN CENTRAL AMYGDALA
Paul Schweitzer, Molecular and Integrative Neurosciences Dept., Scripps Res. Inst., La Jolla, CA USA
- 3:50 DISCUSSANT
Marisa Roberto, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA

2:00pm - 4:00pm

SYMPOSIUM

Farragut/LaFayette

SYSTEMS BIOLOGY APPROACHES TO THE STUDY OF ALCOHOL-INDUCED TISSUE DAMAGE AND REPAIR

Organizers/Chairs: Jan B. Hoek, Dept. of Pathology, Anatomy and Cell Biology,
Thomas Jefferson Univ., Philadelphia, PA USA
and Samir Zakhari, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA

- 2:00 INTRODUCTION - SYSTEMS BIOLOGY OF ALCOHOL: IT TAKES MORE THAN TWO TO TANGO
Samir Zakhari, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA
- 2:10 ADAPTATION TO ALCOHOL METABOLISM IN THE LIVER AS A CHANGE IN FUNCTIONAL STATE: A SYSTEMS BIOLOGY PERSPECTIVE
Jan B. Hoek, Dept. of Pathology, Anatomy and Cell Biology, Thomas Jefferson Univ., Philadelphia, PA USA
- 2:35 SPATIOTEMPORAL RECONSTRUCTION BY COMPUTATIONAL MODELING OF LIVER REGENERATION AND HEPATOCARCINOGENESIS AFTER TOXIN-INDUCED TISSUE
Jan Hengstler, Leibniz Research Ctr., Univ. of Dortmund, Dortmund, Germany
- 3:00 TOLERANCE TO OXIDATIVE STRESS IN THE HEART AS A HORMETIC RESPONSE TO ALDEHYDES: A PROTEOMIC AND METABOLOMIC ANALYSIS OF ALDH2*2 TRANSGENIC MICE
Motoaki Sano, Dept. of Regenerative Medicine and Advanced Cardiac Therapeutics, Keio Univ. Sch. of Med., Tokyo Japan
- 3:25 ALCOHOL-INDUCED ORGAN DAMAGE: THE ROLE OF EPEGENETICS AND RETINOIC ACID HOMEOSTASIS
Vasilis Vasilioiu, Dept. of Molecular Toxicology, Univ. of Colorado HSC, Denver, CO USA
- 3:50 DISCUSSANT
G. Max Guo, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA

2:00pm - 4:00pm

SYMPOSIUM

Independence FGH

MULTIFACETED INFLUENCE OF NEUROACTIVE STEROIDS DURING ETHANOL EXPOSURE:
FROM STIMULUS PERCEPTION TO DRINKING OUTCOMES

Organizers/Chairs: Matthew M. Ford, Dept. of Behav. Neuroscience, Oregon Health & Science Univ., Portland OR USA
and Kathleen A. Grant, Oregon National Primate Res. Ctr., Oregon Health & Science Univ., Portland OR USA

- 2:00 INTRODUCTION
Matthew M. Ford, Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland OR USA
- 2:10 GABA_A RECEPTOR SUBTYPES MEDIATING THE ETHANOL-LIKE EFFECTS OF NEUROACTIVE STEROIDS
Christa M. Helms, Oregon Nat'l. Primate Res. Ctr., Oregon Health & Science Univ., Portland OR USA
- 2:35 ACUTE ALCOHOL ADMINISTRATION IN HUMANS MODIFIES NEUROACTIVE STEROID CONCENTRATIONS, WHICH CORRELATE WITH THE SUBJECTIVE RESPONSE TO ALCOHOL
Henry R. Kranzler, Dept. of Psychiatry, Univ. of Connecticut School of Medicine, Farmington, CT USA
- 3:00 JUVENILE SOCIAL ISOLATION STRESS CHANGES NEURONAL PLASTICITY AND ETHANOL SENSITIVITY
Giovanni Biggio, Dept. of Experimental Biology, Univ. of Cagliari, Cagliari, Italy
- 3:25 THERAPEUTIC RATIONALE FOR THE USE OF NEUROACTIVE STEROIDS IN THE TREATMENT OF ALCOHOLISM
A. Leslie Morrow, Depts. of Psychiatry and Pharmacology, Univ. of North Carolina School of Med., Chapel Hill, NC USA
- 3:50 DISCUSSANT
Kathleen A. Grant, Oregon National Primate Res. Ctr., Oregon Health & Science Univ., Portland OR USA
Matthew M. Ford, Dept. of Behavioral Neuroscience, Oregon Health & Science Univ., Portland OR USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution A

ALCOHOL AND ADOLESCENT BRAIN DEVELOPMENT

Organizer/Chair: Duncan B. Clark, Dept. of Psychiatry, Western Psychiatric Inst. and Clinic, Pittsburgh, PA USA

- 2:00 INTRODUCTION
Duncan B. Clark, Dept. of Psychiatry, Western Psychiatric Inst. and Clinic, Pittsburgh, PA USA
- 2:10 PREFRONTAL CORTEX VOLUME ABNORMALITIES IN HEAVY DRINKING ADOLESCENTS
Susan F. Tapert, Dept. of Psychiatry, Univ. of California, San Diego, CA USA
- 2:35 DIFFUSION TENSOR IMAGING OF THE CORPUS CALLOSUM IN ADOLSCENTS WITH ALCOHOL USE DISORDERS
Michael D. De Bellis, Dept. of Psychiatry and Behavioral Sciences, Duke Univ. Med. Ctr., Durham, NC USA
- 3:00 FUNCTIONAL MRI (fMRI) TO ASSES BRAIN ACTIVITY DURING AN INHIBITION TASK IN YOUTH AT RISK FOR SUBSTANCE USE DISORDERS
Rebecca McNamee, Dept. of Radiology, Univ. of Pittsburgh PET Res. Ctr., Pittsburgh, PA USA
- 3:25 AFFECTIVE CIRCUITRY AND RISK FOR ALCOHOLISM IN LATE ADOLESCENCE
Mary M. Heitzig, Dept. of Psychiatry, Univ. of Michigan, Ann Arbor, MI USA
- 3:50 DISCUSSANT
Howard B. Moss, Clinical and Translational Research, NIAAA, Bethesda, MD USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution B

SEARCHING FOR GENES FOR THE RESPONSE TO ALCOHOL: FROM ANIMAL MODELS TO HUMAN RESEARCH

Organizer/Chair: Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA

Co-Chair: Raymond L. White, Ernest Gallo Clinic and Res. Ctr., Emeryville, CA USA

- 2:00 INTRODUCTION
Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA
- 2:10 VARIATIONS IN BEHAVIORAL RESPONSES TO BINGE DOSES OF ALCOHOL AS THEY RELATE TO VARIANTS OF 5HTT AND OPRM1 LOCI IN RHESUS MACAQUES
Christina S. Barr, Lab of Clinical and Translational Studies, NIAAA / NIH, Poolesville, MD USA
- 2:35 SENSITIVITY AND TOLERANCE: A GENOMIC ANALYSIS FOR CANDIDATE GENES IN MICE
Boris Tabakoff, Dept. of Pharmacology, Univ. of Colorado HSC, Aurora, CO USA
- 3:00 FROM FLIES TO PRECLINICAL RODENT MODELS: ROLE OF THE EGF RECEPTOR PATHWAY IN ETHANOL-RELATED BEHAVIORS
Karen Berger, Ernest Gallo Clinic and Res. Ctr., Emeryville, CA USA
- 3:25 CANDIDATE GENES IN LEVEL OF RESPONSE TO ALCOHOL
Raymond L. White, Ernest Gallo Clinic and Res. Ctr., Emeryville, CA USA
- 3:50 DISCUSSANT
Andreas Heinz, Dept. of Psychiatry and Psychotherapy, Charite Hospital, Univ. of Medicine, Berlin, Germany

4:00pm - 7:00pm

POSTER SESSION I

Independence A

POSTER NUMBERS: 1-260 / ABSTRACT NUMBERS: 1-260
three 45-minute periods and 45-minutes for final unmanned viewing
(light refreshments)

4:15pm - 5:45pm

ISBRA 2010 OPERATIONAL GROUP MEETING - Closed

Burnham

6:15pm - 8:15pm

SYMPOSIUM

Constitution B

OXIDATION OF ETHANOL IN A BRAIN AND ITS CONSEQUENCES

Organizer: Sergey Zimatkin, Dept. of Histology, Cytology and Embryology, Grodno State Med. Univ., Grodno, Belarus
Co-Organizer/Chair: Richard Deitrich, Dept. of Pharmacology, Univ. of Colorado, Aurora, CO USA

- 6:15 INTRODUCTION
Richard Deitrich, Dept. of Pharmacology, Univ. of Colorado, Aurora, CO USA
- 6:25 ETHANOL OXIDATION IN A LIVING BRAIN
Sergey Zimatkin, Dept. of Histology, Cytology and Embryology, Grodno State Med. Univ., Grodno, Belarus
- 6:50 BEHAVIORAL EFFECTS OF ACETALDEHYDE IN MICE AND RATS: FROM REINFORCEMENT TO AMNESIA
Etienne Quertemont, Neurosciences Ctr., Univ. of Liege, Belgium
- 7:15 THE REINFORCING PROPERTIES OF ETHANOL, ACETALDEHYDE AND SALSOLINOL IN THE MESOLIMBIC DOPAMINE SYSTEM
Zachary A. Rodd, Inst. of Psychiatric Research, Indiana Univ. School of Med., Indianapolis, IN USA
- 7:40 ROLE OF ETHANOL-DERIVED ACETALDEHYDE ON DOPAMINE TRANSMISSION
Marco Diana, Dept. of Drug Sciences, Univ. of Sassari, Sassari, Italy
- 8:05 DISCUSSANT
Sergey Zimatkin, Dept. of Histology, Cytology and Embryology, Grodno State Med. Univ., Grodno, Belarus
Etienne Quertemont, Neurosciences Ctr., Univ. of Liege, Belgium

6:15pm - 8:15pm

SYMPOSIUM

Constitution A

DIAGNOSTIC CHALLENGES REGARDING ALCOHOL USE DISORDERS IN ADOLESCENTS

Organizers/Chairs: Victor Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA
and Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA

- 6:15 INTRODUCTION
Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA
- 6:25 A FIVE-YEAR PROSPECTIVE STUDY OF DSM-IV ALCOHOL ABUSE IN ADOLESCENTS FROM THE COLLABORATIVE STUDY
IN GENETICS OF ALCOHOLISM
Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA
- 6:50 PREDICTORS OF ALCOHOL DEPENDENCE IN 14-TO-18-YEAR-OLD ADOLESCENTS
Victor Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA
- 7:15 ACTIVATION OF THE DEFAULT NETWORK IN ADOLESCENTS WITH FAMILY HISTORIES OF ALCOHOLISM:
A POTENTIAL ENDOPHENOTYPE
Andrea D. Spadoni, SDSU/UCSD Joint Doctoral Program in Clinical Psychology, San Diego, CA USA
- 7:40 GROWTH IN DRINKING FREQUENCY, ASSOCIATED ALCOHOL USE DISORDER SYMPTOMS, AND MEDIATING PATHWAYS
IN ADOLESCENTS WITH AND WITHOUT CHILDHOOD ADHD
Brooke S. G. Molina, Depts. of Psychiatry and Psychology, Western Psychiatric Inst. and Clinic, Pittsburgh, PA USA
- 8:05 DISCUSSANT
John B. Saunders, Alcohol and Drug Studies, Univ. of Sydney, Sydney, Australia

6:15pm - 8:15pm

ROUNDTABLE

Constitution CDE

WHAT ARE THE ETHICAL CONSIDERATIONS FOR ADMINISTERING ALCOHOL, ALCOHOL CUES OR PSYCHOACTIVE DRUGS TO ALCOHOLICS IN A RESEARCH SETTING?

Organizer/Chair: Mary-Anne Enoch, Lab of Neurogenetics, NIAAA / NIH, Bethesda, MD USA

6:15 INTRODUCTION

Mary-Anne Enoch, Lab of Neurogenetics, NIAAA / NIH, Bethesda, MD USA

CAN PARSING THE HETEROGENEITY OF ALCOHOLISM ALTER RISK CONSIDERATIONS IN RESEARCH?

Howard B. Moss, Clinical and Translational Research, NIAAA / NIH, Bethesda, MD USA

ETHICAL IMPLICATIONS AND SAFEGUARDS FOR ADMINISTRATION OF ALCOHOL, ALCOHOL-RELATED CUES AND DRUGS THAT MAY TRIGGER RELAPSE OR DRINKING IN ALCOHOLICS

David Goldman, Lab of Neurogenetics, NIAAA / NIH, Bethesda, MD USA

ETHICAL ISSUES IN STUDIES OF MEDICATIONS FOR ALCOHOL TREATMENT

Henry R. Kranzler, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA

ETHICAL CONSIDERATIONS IN ALCOHOLISM RESEARCH - THE EUROPEAN PERSPECTIVE

Gunter Schumann, Inst. of Psychiatry, King's College, London, United Kingdom

A LAY PERSON'S PERSPECTIVE ON ALCOHOLISM RESEARCH

Kenneth P. Johnson, NIH Neuroscience IRB, Bethesda, MD USA

CLINICAL SAFEGUARDS FOR THE ADMINISTRATION OF ALCOHOL TO TREATMENT SEEKING ALCOHOLICS

David Ted George, Lab of Clinical and Translational Studies, NIAAA / NIH, Bethesda, MD USA

7:45 OPEN DISCUSSION

6:15pm - 8:15pm

SYMPOSIUM

Farragut/LaFayette

ALCOHOL, SIGNALING AND ECM TURNOVER

Organizers/Chairs: Devanshi Seth, Drug Health Services, Royal Prince Alfred Hospital, Camperdown, Australia and Nympha D'Souza El Guindy, Dept. of Internal Medicine, Univ. of Kentucky, VAMC, Lexington, KY USA

6:15 INTRODUCTION

Nympha D'Souza El Guindy, Dept. of Internal Medicine, Univ. of Kentucky, VAMC, Lexington, KY USA

6:25 PANCREATIC STELLATE CELLS: MAJOR PLAYERS IN ALCOHOLIC PANCREATITIS AND PANCREATIC CANCER

Minoti V. Apte, Pancreatic Research Group, Univ. of New South Wales, NSW, Australia

6:50 SPHINGOLIPIDS IN ALCOHOL-INDUCED LIVER INJURY AND FIBROGENESIS

Montserrat Mari, Liver Unit, Hospital Clinic, Univ. of Barcelona, Barcelona, Spain

7:15 TGF- β SIGNALING IN ALCOHOL-INDUCED HEPATIC INJURY

Steven Dooley, Alcohol Research in Gastroenterology, Univ. Hospital, Mannheim, Germany

7:40 CHRONIC ALCOHOL (EtOH) CONSUMPTION WORSENS THE OUTCOME OF LEUKEMIA FRIED VIRUS INFECTION

Manuela G. Neuman, Dept. of Pharmacology, Univ. of Toronto, Toronto, Ontario, Canada

8:05 DISCUSSANT

Devanshi Seth, Drug Health Services, Royal Prince Alfred Hospital, Camperdown, Australia

6:15pm - 8:15pm

WORKSHOP

Independence BCD

WHAT IS YOUR POISON? NEW TECHNIQUES FOR MEASURING DRINK ETHANOL AND ALCOHOL CONSUMPTION: THE EPIDEMIOLOGICAL IMPLICATIONS

Organizer/Chair: Thomas K. Greenfield, Alcohol Research Group, Emeryville, CA USA

- 6:15 INTRODUCTION
Thomas K. Greenfield, Alcohol Research Group, Emeryville, CA USA
- 6:25 COMPOSITION OF ALCOHOL FROM MARKETS IN DIFFERENT COUNTRIES
Jürgen Rehm, Ctr. for Addiction and Mental Health, Univ. of Toronto, Toronto, Ontario, Canada
- 6:45 DRINK SIZES AND ETHANOL CONTENT IN ALCOHOLIC BEVERAGES IN INDIA
Madhabika Nayak, Alcohol Research Group, Public Health Inst., Emeryville, CA USA
- 7:05 ETHANOL CONTENT OF DRINKS POURED AT HOME AND SOLD IN BARS: HOW IMPORTANT FOR EPIDEMIOLOGY?
William Kerr, Alcohol Research Group, Public Health Inst., Emeryville, CA USA
- 7:25 USING YESTERDAY'S DRINK TYPES, STRENGTH AND SIZES TO ADJUST ALCOHOL MEASURES FOR ETHANOL CONTENT: A 2004 AUSTRALIAN NATIONAL SURVEY
Tim Stockwell, Ctr. for Addictions Research of BC, Univ. of Victoria, Victoria, British Columbia, Canada
- 8:45 DISCUSSANT
R. Thomas Gentry, Div. of Metabolism, NIAAA / NIH, Bethesda, MD USA

6:15pm - 8:15pm

PAPER SESSION

Independence FGH

ENOCH GORDIS AWARD FINALISTS - STUDENTS AND JUNIOR INVESTIGATORS

Moderator: Kristin Hamre, Dept. of Anatomy and Neurobiology, Univ. of Tennessee, Memphis, TN USA

- 6:20 Butler, Tracy Sex Differences in Neurotoxic Effects of Adenosine A1 Receptor Antagonism Is Potentiated by Ethanol Withdrawal In Vitro: Reversal by NMDAR Antagonism
- 6:32 Ding, Zheng-Ming Exposure of the Posterior Ventral Tegmental Area to Ethanol Produces Persisting Increased Sensitivity of Dopamine Neurons to Ethanol Stimulation
- 6:44 Keyes, Katherine Influence of a Drinking Quantity and Frequency Measure on the Prevalence and Demographic Correlates of DSM-IV Alcohol Use Disorders
- 6:56 Li, Zhimin Neuronal Mechanism of Increased Motivation for Operant Ethanol Self-administration Caused by Intermittent Ethanol Binge Exposures
- 7:08 Pedersen, Sarah Differences in Alcoholism Risk Factors Between African Americans and Caucasians Within an Alcohol-Challenge Paradigm
- 7:20 Rufer, Echoleah Moderate Maternal Iron Inadequacy Worsens Neurobehavioral Outcomes in a Rat Model of Developmental Ethanol Exposure
- 7:32 Schneider, Ron Postnatal Choline Supplementation Reduces the Severity of Working Memory Deficits in Rats Exposed to Alcohol During Development
- 7:44 Cullen, John Acetaldehyde Stimulates Monocyte Adhesion and Increases Endothelial P-Selectin And Monocyte CCR2 Expression
- 7:56 Glass, Joseph Continuity of Care Moderates the Relationship Between Suicide Attempt History and Hospitalization for Veterans in Treatment for Alcohol and Drug Use

7:30pm - 9:30pm

RSA SPONSORED POST-DOC DINNER

Organized by the RSA Education Committee Chair: Cristine Czachowski
If you have not already RSVPd - deadline Sunday at 12noon - Ticket Required.

MONDAY, JUNE 30

6:30am - 8:30am

CONTINENTAL BREAKFAST - Nametag Required.

Independence AEI / Foyer

7:00am - 8:00am

ALCOHOL EDITORIAL BOARD MEETING/BREAKFAST - Closed

Burnham

7:30am - 4:30pm

RSA / ISBRA REGISTRATION DESK - Open

Independence Foyer

8:00am - 9:00am

PLENARY SESSION II

Constitution w/ closed
circuit Bridge Rooms and
Independence

REGULATION OF THOUGHTS AND FEELINGS IN THE HUMAN BRAIN
John D. E. Gabrieli, Ph.D., Department of Brain and Cognitive Sciences, Harvard-MIT
Division of Health Sciences and Technology, Cambridge, MA

John Gabrieli, Ph.D., is the Grover Hermann Professor of Health Sciences and Technology and Cognitive Neuroscience at the Massachusetts Institute of Technology (MIT). He has a dual appointment in the Harvard-MIT Division of Health Sciences and Technology (HST) and the Department of Brain and Cognitive Sciences, and is also an Associate of the McGovern Institute for Brain Research. He is Director of the Athinoula A. Martinos Imaging Center at the McGovern Institute for Brain Research, and Co-Director of the MIT Clinical Research Center. He received a B.A. in English from Yale (1978), a Ph.D. in Behavioral Neuroscience from the Department of Brain and Cognitive Sciences at MIT (1987), and was a postdoctoral fellow in the Psychology Department at Harvard.

His area of research is human cognitive neuroscience in which he studies the brain basis of memory, language, and thought. His research examines normal brain functions and diseases of those functions that occur in Alzheimer's disease, Parkinson's disease, autism, dyslexia, and attention deficit disorder. He also studies how changes in brain functions underlie the growth of mental abilities in children and the decline of some abilities in normal aging. In the past five years, a focus of his research has been the use of functional magnetic resonance imaging (fMRI) to visualize the neural basis of mental operations. He is the first or senior author of over 200 papers published in peer-reviewed scientific journals, including publications in *Science* and *Nature*.

9:00am - 9:30am

COFFEE BREAK

Independence Foyer

9:30am - 11:30am

SYMPOSIUM

Franklin/McPherson

UNDERSTANDING AND TREATING PATIENTS WITH ALCOHOLIC LIVER CIRRHOSIS: AN UPDATE
Organizers/Chairs: Giovanni Addolorato, Inst. of Internal Medicine, Catholic Univ. of Rome, Rome Italy
and Lorenzo Leggio, Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI USA
and Inst. of Internal Med., Catholic Univ. of Rome, Rome, Italy

- 9:30 INTRODUCTION
Lorenzo Leggio, Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI USA and Inst. of Internal Med., Catholic Univ. of Rome, Rome, Italy
- 9:40 THE EPIDEMIOLOGY OF ALCOHOLIC LIVER DISEASE: IMPLICATIONS FOR FUTURE RESEARCH
Marcia Russell, Pacific Inst. for Research and Evaluation, Prevention Research Ctr., Berkeley, CA USA
- 10:05 PATHOLOGICAL MECHANISMS ON THE BASIS OF ALCOHOLIC LIVER CIRRHOSIS
Emanuel Albano, Dept. of Medical Sciences, Univ. "Amedeo Avogadro" of East Piedmont, Novara Italy
- 10:30 THE MEDICAL MANAGEMENT OF PATIENTS AFFECTED BY ALCOHOLIC LIVER CIRRHOSIS
Paul S. Haber, Royal Prince Alfred Hosp., Univ. of Sydney, Camperdown, NSW, Australia
- 10:55 ACHIEVING AND MAINTAINING ABSTINENCE IN ALCOHOL-DEPENDENT PATIENTS AFFECTED BY LIVER CIRRHOSIS
Giovanni Addolorato, Inst. of Internal Medicine, Catholic Univ. of Rome, Rome Italy
- 11:20 DISCUSSANT
Jack R. Wands, Div. of Gastroenterology and Liver Research Ctr., Brown Univ., Providence, RI USA

9:30am - 11:30am

SYMPOSIUM

Independence BCD

MOLECULAR NUGGETS MINED FROM INIA-WEST TRANSCRIPTOMES:
DETERMINANTS OF EXCESSIVE ALCOHOL CONSUMPTION

Organizer/Chair: George Koob, Comm. on the Neurobiology of Addictive Disorders,
The Scripps Res. Inst., La Jolla, CA USA

Co-Chair: R. Adron Harris, Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas, Austin, TX USA

- 9:30 INTRODUCTION
George Koob, Comm. on the Neurobiology of Addictive Disorders, The Scripps Res. Inst., La Jolla, CA USA
- 9:40 GENETIC DETERMINANTS OF ALCOHOL CONSUMPTION BY MICE
Paula Hoffman, Dept. of Pharmacology, Univ. of Colorado School of Med., Aurora, CO USA
- 10:05 TARGETING GENES CONTRIBUTING TO EXCESSIVE ALCOHOL DRINKING BEHAVIOR: STUDIES WITH ALCOHOL-PREFERRING (P) AND -NON-PREFERRING (NP) RATS
William McBride, Depts. of Psychiatry, Biochemistry & Molecular Biology, Indiana Univ. Sch. of Med., Indianapolis, IN USA
- 10:30 TRANSCRIPTIONAL ANALYSES OF ALCOHOL CONSUMPTION
Susan Bergeson, S. Plains Alcohol and Addiction Res. Consortium, Texas Tech Univ. HSC, Lubbock, TX USA
- 10:55 INTEGRATION OF GENE EXPRESSION PROFILES ACROSS ANIMAL MODELS OF HIGH ALCOHOL DRINKING
Igor Ponomarev, Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas, Austin, TX USA
- 11:20 DISCUSSANT
R. Adron Harris, Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas, Austin, TX USA

9:30am - 11:30am

SYMPOSIUM

Renwick/Bulfinch

ACETALDEHYDE-INDUCED CANCER RISKS: CELLULAR AND MOLECULAR MECHANISMS

Organizers/Chairs: R.K. Rao, Dept. of Physiology, Univ. of Tennessee HSC, Memphis, TN USA
and Helmut K. Seitz, Ctr. of Alcohol Res., Liver Disease and Nutrition, Univ. of Heidelberg, Heidelberg, Germany

- 9:30 INTRODUCTION
Helmut K. Seitz, Ctr. of Alcohol Res., Liver Disease and Nutrition, Univ. of Heidelberg, Heidelberg, Germany
- 9:40 ROLE OF ETHANOL METABOLISM TO ACETALDEHYDE AND FREE RADICALS IN THE INCREASED RISKS FOR BREAST CANCER BY ALCOHOL DRINKING
Jose A. Castro, Centro de Investigaciones Toxicologicas (CITEFA/CONICET), Buenos Aires, Argentina
- 10:05 ALCOHOL, ACETALDEHYDE AND HEPATOCELLULAR CARCINOMA
Iain H. McKillop, Dept. of Biology, Univ. of North Carolina, Charlotte, NC USA
- 10:30 ALCOHOL ABUSE, PANCREATITIS AND PANCREATIC CANCER
Stephen J. Pandol, VA Greater Los Angeles Health Care, Los Angeles, CA USA
- 10:55 EPITHELIUM TO MESENCHYMAL TRANSITION BY ACETALDEHYDE IN COLONIC EPITHELIUM: ROLE OF PP2A, OCCLUDIN DEPHOSPHORYLATION AND TIGHT JUNCTION DISRUPTION
R.K. Rao, Dept. of Physiology, Univ. of Tennessee HSC, Memphis, TN USA
- 11:20 DISCUSSANT
Vishnu Purohit, Div. of Metabolism and Health Effects, NIAAA/NIH, Bethesda, MD USA

9:30am - 11:30am

SYMPOSIUM

Constitution B

TRANSLATING RESEARCH INTO PRACTICE: EVALUATING ALCOHOL SCREENING AND BRIEF INTERVENTION DEMONSTRATIONS IN LARGE POPULATION AREAS
Organizer/Chair: Thomas F. Babor, Univ. of Connecticut School of Medicine, Farmington, CT USA

- 9:30 INTRODUCTION
Thomas F. Babor, Univ. of Connecticut School of Medicine, Farmington, CT USA
- 9:40 IMPLEMENTING SBIRT IN HEALTH CARE AND OTHER SETTINGS IN MINAS GERAIS, BRAZIL
Telmo Ronzani, Psychology Dept., Federal Univ. of Juiz de Fora, Brazil
- 10:05 SCREENING AND BRIEF INTERVENTION BY NURSES AS ROUTINE PRACTICE IN PRIMARY CARE IN VHEMBE DISTRICT, SOUTH AFRICA
Karl Peltzer, Social Aspects of HIV/AIDS and Health, Human Sciences Res. Council, Pretoria, South Africa
- 10:30 IMPLEMENTING BRIEF INTERVENTIONS FOR ALCOHOL PROBLEMS IN THE PUBLIC HEALTH SYSTEM IN THE REGION OF RIBEIRAO PRETO, BRAZIL
Erikson Furtado, Univ. of Sao Paulo, Ribeirao Preto, Brazil
- 10:55 IMPLEMENTATION OF SCREENING AND BRIEF INTERVENTION IN PRIMARY CARE UNITS IN TWO BRAZILIAN CITIES
Maria Lucia O. Souza-Formigoni, Dept. of Psychobiology, Federal Univ. of Sao Paulo (UNIFESP), Sao Paulo, Brazil
- 11:20 DISCUSSANT
Maristela G. Monteiro, Alcohol and Substance Abuse, Pan American Health Organization, Washington DC USA

9:30am - 11:30am

SYMPOSIUM

Constitution CDE

ETHANOL AND GLIA-NEURON INTERACTIONS
Organizer/Chair: Suzhen Chen, Dept. of Neurology, Harvard Medical School, West Roxbury, MA USA
Co-Chair: Michael E. Charness, Dept. of Neurology, Harvard Medical School, West Roxbury, MA USA

- 9:30 INTRODUCTION
Michael E. Charness, Dept. of Neurology, Harvard Medical School, West Roxbury, MA USA
- 9:40 FETAL ALCOHOL EXPOSURE IMPAIRS ASTROGLIAL FACTORS AND AFFECTS NEURONAL GROWTH AND DIFFERENTIATION: ROLE OF NAP AND ITS MECHANISM OF ACTION
Maria Pascual, Centro de Investigacion Principe Felipe, Valencia, Spain
- 10:05 ETHANOL INHIBITS NEURONAL DIFFERENTIATION BY DISRUPTING SIGNALLING BETWEEN ASTROCYTES AND NEURONS
Suzhen Chen, Dept. of Neurology, Harvard Medical School, West Roxbury, MA USA
- 10:30 ASTROCYTE PROTECTION OF CEREBRAL CORTICAL NEURONS AGAINST ETHANOL-MEDIATED APOPTOTIC DEATH: REGULATED MAINTENANCE OF NEURON GLUTATHIONE HOMEOSTASIS
George I. Henderson, Depts. of Medicine and Pharmacology, Univ. of Texas HSA, San Antonio, TX USA
- 10:55 DISRUPTION OF MICROGLIA-NEURON INTERACTIONS INCREASES VULNERABILITY TO ETHANOL PATHOGENESIS
Cynthia J.M. Kane, Neurobiology & Developmental Sciences, Univ. of Arkansas for Medical Sciences, Little Rock, AR USA
- 11:20 DISCUSSANT
Michael E. Charness, Dept. of Neurology, Harvard Medical School, West Roxbury, MA USA

9:30am - 11:30am

SYMPOSIUM

Independence FGH

ALCOHOL-INDUCED BRAIN DAMAGE: NEW FINDINGS FROM THE ASIAN-PACIFIC REGION

Organizer/Chair: Toshikazu Saito, Dept. of Neuropsychiatry, Sapporo Medical Univ., Sapporo, Hokkaido, Japan
Co-Chair: Ting-Kai Li, Nat'l. Inst. on Alcohol Abuse and Alcoholism, Bethesda, MD USA

- 9:30 INTRODUCTION
Toshikazu Saito, Dept. of Neuropsychiatry, Sapporo Medical Univ., Sapporo, Hokkaido, Japan
- 9:40 ETHANOL-INDUCED CHANGE DURING THE NEURAL STEM CELL DIFFERENTIATION
Ihn-Geun Choi, Dept. of Neuropsychiatry, Hallym Univ., Han-Gang Sacred Heart Hosp., Seoul, Korea
- 10:05 THIAMINE DEFICIENCY IS A CRITICAL FACTOR IN ALCOHOL-RELATED BRAIN DAMAGE: NEW EXPERIMENTAL STRUCTURAL AND HUMAN PROTEOMICS DATA
Clive Harper, Dept. of Neuropathology, Univ. of Sydney, Sydney, NSW, Australia
- 10:30 ALCOHOL INDUCED BRAIN DAMAGE: NEW CHALLENGE OF COGNITIVE DECLINE INDUCED BY ALCOHOL
DaiJin Kim, Holy Family Hospital, Catholic Univ. Medical College, Buchon City, Korea
- 10:55 THE COMMON ASPECTS OF PATHOPHYSIOLOGY OF ALCOHOLISM AND DEPRESSION
Wataru Ukai, Dept. of Neuropsychiatry, Sapporo Medical Univ., Sapporo, Hokkaido, Japan
- 11:20 DISCUSSANT
Dongyul Oh, Dept. of Psychiatry, Myungji Hospital, Kwandong Univ., Seoul, Korea

9:30am - 11:30am

SYMPOSIUM

Constitution A

ALCOHOL DEPENDENCE: INTEGRATION OF NEUROIMAGING AND GENETIC APPROACHES
Organizer/Chair: Kent Hutchison, MIND Inst. and Univ. of New Mexico, Albuquerque, NM USA

- 9:30 INTRODUCTION
Kent Hutchison, MIND Inst. and Univ. of New Mexico, Albuquerque, NM USA
- 9:40 IDENTIFYING GENETIC VARIATIONS THAT INFLUENCE CUE-ELICITED ACTIVATION OF MESOCORTICOLIMBIC STRUCTURES
Kent Hutchison, MIND Inst. and Univ. of New Mexico, Albuquerque, NM USA
- 10:05 STRIATAL AND LIMBIC SYSTEM RESPONSES TO ALCOHOL'S CHEMICAL SENSE CUES IN AT-RISK SUBJECTS
David Kareken, Dept. of Neurology, Indiana Univ. School of Med., Indianapolis, IN USA
- 10:30 fMRI STUDIES OF THE NEURAL MECHANISMS OF IMMEDIATE REWARD BIAS: MODERATION BY ALCOHOLISM, COMT GENOTYPE, AND ENDOGENOUS OPIOIDS
Charlotte A. Boettiger, Dept. of Psychology and BRIC, Univ. of North Carolina, Chapel Hill, NC USA
- 10:55 COMT EFFECTS ON PROCESSING OF AFFECTIVE STIMULI IN HEALTHY CONTROLS AND ALCOHOLICS
Andreas Heinz, Dept. of Psychiatry and Psychotherapy, Charite Hosp., Univ. of Medicine, Berlin Germany
- 11:20 DISCUSSANT
Henry Kranzler, Dept. of Psychiatry, Univ. of Connecticut School of Medicine, Farmington, CT USA

9:30am - 11:30am

SYMPOSIUM

Farragut/LaFayette

PRE & POST TREATMENT INTERVENTIONS FOR YOUTH WITH AOSUD:
IS THE WHOLE GREATER THAN THE SUM OF ITS PARTS

Organizers/Chairs: Yifrah Kaminer, Alcohol Research Ctr., Univ. of Connecticut Health Ctr., Farmington, CT USA
and John F. Kelly, Dept. of Psychiatry, Harvard Medical School, Boston, MA USA

- 9:30 INTRODUCTION
Cherry Lowman, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA
- 9:40 IS THERE ASSESSMENT REACTIVITY AMONG ADOLESCENTS IN TREATMENT FOR ALCOHOL AND OTHER SUBSTANCE
USE DISORDERS?
Yifrah Kaminer, Alcohol Research Ctr., Univ. of Connecticut Health Ctr., Farmington, CT USA
- 10:05 A VALIDITY STUDY OF THE WASHINGTON CIRCLE CONTINUING CARE PERFORMANCE MEASURE APPLIED TO ADOLESCENTS
DISCHARGED FROM RESIDENTIAL TREATMENT
Mark D. Godley, Lighthouse Inst. Chestnut Health Systems, Bloomington IL USA
- 10:30 SOCIAL RECOVERY MODEL: THE INFLUENCE OF 12-STEP MUTUAL-HELP PARTICIPATION ON THE COURSE OF YOUTH
RECOVERY OVER 8-YEARS FOLLOWING INPATIENT TREATMENT
John F. Kelly, Dept. of Psychiatry, Harvard Medical School, Boston, MA USA
- 10:55 TEN YEAR ALCOHOL AND DRUG TRAJECTORIES: IMPACT ON HEALTH AND PSYCHOSOCIAL FUNCTIONING
Sandra A. Brown, Psychology Service, VA San Diego Health Care System, San Diego, CA USA
- 11:20 DISCUSSANT
James R. McKay, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA

11:45am - 1:45pm

ISBRA BOARD OF DIRECTORS MEETING - Closed

Burnham

Continued from Sunday

11:45am - 1:45pm

WORKSHOP

Independence BCD

NIAAA-Supported Research: A Grantsmanship Workshop
Organized by the RSA Education Committee Chairs: Brian McCool, Robert Swift and Allen Zweben
Light Lunch available for those who RSVP'd in advance - Ticket Required

This workshop will be divided into two parts. The first part will begin with a welcome and introductory statement by Dr. T.K. Li, the Director of NIAAA. Senior NIAAA staff will also provide brief overviews of the NIH peer review process, new procedures/policies related to peer review, and how these policies impact on specific funding mechanisms.

The second part of the workshop will enlist a group of former and current study section review panel members and chairs to provide first-hand insight into the peer review process. The format will include an interactive panel discussion of common questions faced by new investigators. Workshop participants will be encouraged to ask questions related to these specific topics. Panel members and NIAAA senior staff members will contribute to the discussion and will be available to answer specific questions. Supplemental information will be provided as handouts.

11:45am - 1:45pm

SATELLITE

Renwick/Bulfinch

Fetal Alcohol Canadian Experience: Controversies in Fetal Alcohol Spectrum Disorders

12noon - 1:30pm

EDITORIAL LUNCH - closed

Latrobe

Journal of Substance Abuse Treatment

2:00pm - 4:00pm

SYMPOSIUM

Constitution CDE

EFFECTS OF SMOKING INTERVENTIONS ON ALCOHOL DRINKING: PRECLINICAL
THROUGH PUBLIC POLICY INVESTIGATIONS

Organizer/Chair: Stephanie S. O'Malley, Dept. of Psychiatry, Yale Univ. School of Med., New Haven, CT USA

- 2:00 INTRODUCTION
Stephanie S. O'Malley, Dept. of Psychiatry, Yale Univ. School of Med., New Haven, CT USA
- 2:10 THE NICOTINE CESSATION DRUG, VARENICLINE, EFFECTIVELY INHIBITS ETHANOL CONSUMPTION AND OPERANT
SELF-ADMINISTRATION IN RATS
Selena Bartlett, Ernest Gallo Clinic and Research Ctr., Univ. of California-San Francisco, Emeryville, CA USA
- 2:35 EFFECT OF VARENICLINE, A PARTIAL NICOTINIC AGONIST, ON ALCOHOL SELF-ADMINISTRATION IN HEAVY DRINKING SMOKERS
Sherry McKee, Dept. of Psychiatry, Yale Univ. School of Med., New Haven, CT USA
- 3:00 COMBINATION NICOTINE PATCH AND GUM DURING ALCOHOL TREATMENT FOR ALCOHOL DEPENDENT SMOKERS:
MEDIATORS OF EFFECTS ON TIME TO SMOKING RELAPSE
Mark Litt, Div. of Behavioral Sciences & Community Health, Univ. of Connecticut Health Ctr., Farmington, CT USA
- 3:25 DO SMOKE-FREE POLICIES INFLUENCE PUB AND HOME DRINKING? FINDINGS FROM THE INTERNATIONAL TOBACCO
CONTROL POLICY EVALUATION PROJECT
Andrew Hyland, Dept. of Health Behavior, Roswell Park Cancer Inst., Buffalo, NY USA
- 3:50 DISCUSSANT
Karl F. Mann, Central Inst. of Mental Health, Univ. of Heidelberg, Mannheim, Germany

2:00pm - 4:00pm

SYMPOSIUM

Independence FGH

ETHANOL ACTIONS ON THE GLYCINE RECEPTOR: NO LONGER GABA'S LITTLE BROTHER

Organizers/Chairs: Daryl L. Davies, Dept. of Pharmacology and Pharmaceutical Sciences,
Univ. of Southern California, Los Angeles, CA USA
and Luis G. Aguayo, Dept. of Physiology, Univ. of Concepcion, Concepcion, Chile

- 2:00 INTRODUCTION
James Trudell, Dept. of Anesthesia, Stanford Univ., Stanford, CA USA
- 2:10 HOMOLOGOUS POSITIONS 52 AND 59 IN THE EXTRACELLULAR LOOP 2 REGION OF $\alpha 1$ AND $\alpha 2$ GLYCINE RECEPTORS
ARE TARGETS FOR ETHANOL ACTION AND ANTAGONISM
Daryl L. Davies, Dept. of Pharmacology and Pharmaceutical Sciences, Univ. of Southern California, Los Angeles, CA USA
- 2:35 SINGLE CHANNEL CHARACTERIZATION OF ETHANOL ENHANCEMENT OF GLYCINE RECEPTOR FUNCTION
S. John Mihic, Waggoner Ctr. for Alcohol and Addiction Res., Univ. of Texas, Austin, TX USA
- 3:00 UNDERSTANDING THE IMPORTANCE OF INTRACELLULAR REGIONS IN THE GLYCINE RECEPTOR FOR ETHANOL ACTIONS
Luis G. Aguayo, Dept. of Physiology, Univ. of Concepcion, Concepcion, Chile
- 3:25 GLYCINE RECEPTORS IN THE REWARD SYSTEM CONTROL DOPAMINE LEVELS AND ETHANOL INTAKE: IMPLICATIONS
FOR MEDICATION DEVELOPMENT
Bo Soderpalm, Addiction Biology Unit, Inst. of Neuroscience and Physiology, Goteborg Univ., Goteborg, Sweden
- 3:50 DISCUSSANT
James Trudell, Dept. of Anesthesia, Stanford Univ., Stanford, CA USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution B

PARENT INVOLVEMENT IN PREVENTING HIGH-RISK COLLEGE STUDENT DRINKING:
EMERGING EVIDENCE FROM ETIOLOGICAL, EFFICACY AND EFFECTIVENESS STUDIES

Organizer/Chair: Rob Turrisi, Dept. of Biobehavioral Health, Pennsylvania State Univ., University Park, PA USA

- 2:00 INTRODUCTION
Rob Turrisi, Dept. of Biobehavioral Health, Pennsylvania State Univ., University Park, PA USA
- 2:10 SUSTAINED PARENTAL ENGAGEMENT, HIGH-RISK DRINKING, AND RELATED CONSEQUENCES IN FIRST YEAR COLLEGE STUDENTS
Rob Turrisi, Dept. of Biobehavioral Health, Pennsylvania State Univ., University Park, PA USA
- 2:35 BRIEF MOTIVATIONAL AND PARENT-BASED INTERVENTIONS WITH INCOMING FRESHMEN: A RANDOMIZED FACTORIAL STUDY
Mark Wood, Dept. of Psychology, Univ. of Rhode Island, Kingston, RI USA
- 3:00 REDUCING WOMEN'S COLLEGE DRINKING AND SEXUAL RISK VIA PARENTAL MONITORING FOLLOWING MOTHER-
DAUGHTER INTERVENTION
Maria Testa, Res. Institute on Addictions, Univ. at Buffalo, Buffalo, NY USA
- 3:25 RESULTS AND LESSONS LEARNED FROM IMPLEMENTATION OF PARENT-BASED INTERVENTIONS IN EFFECTIVENESS TRIALS
Anne Ray, Dept. of Biobehavioral Health, Pennsylvania State Univ., University Park, PA USA
- 3:50 DISCUSSANT
Mary E. Larimer, Dept. of Psychiatry and Behavioral Sciences, Univ. of Washington, Seattle, WA USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution A

NEUROBIOLOGICAL MECHANISMS CONTRIBUTING TO ALCOHOL-STRESS-ANXIETY INTERACTIONS

Organizer/Chair: Jeff Weiner, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem, NC USA

- 2:00 INTRODUCTION
Jeff Weiner, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem, NC USA
- 2:10 ETHANOL AND CRF: WHICH DRIVES GABA RELEASE IN THE AMYGDALA?
Marisa Roberto, Comm. on the Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla CA USA
- 2:35 ROLE OF BRAIN STEROIDOGENESIS IN THE MODULATION OF GABAergic SYNAPTIC TRANSMISSION BY ETHANOL
Enrico Sanna, Dept. of Experimental Biology, Univ. of Cagliari, Cagliari, Italy
- 3:00 ACUTE AND CHRONIC ETHANOL REGULATE NMDA RECEPTOR FUNCTION IN THE VENTRAL BED NUCLEUS OF THE
STRIA TERMINALIS
Thomas Kash, Dept. of Molecular Physiology and Biophysics, Vanderbilt Univ., Nashville, TN USA
- 3:25 GLUTAMATE, GABA, AND AMYGDALA-DEPENDENT ANXIETY: TIPPING THE BALANCE WITH CHRONIC ETHANOL
AND WITHDRAWAL
Brian McCool, Dept. of Physiology and Pharmacology, Wake Forest Univ., Winston-Salem, NC USA
- 3:50 DISCUSSANT
David Lovinger, Lab for Integrative Neuroscience, NIAAA/NIH, Rockville, MD USA

2:00pm - 4:00pm

SYMPOSIUM

Independence BCD

THE ROLE OF DYNORPHIN AND KAPPA OPIOID RECEPTORS IN ALCOHOL ABUSE

Organizers/Chairs: Brendan Walker, Molecular and Integrative Neurosciences Dept., Scripps Res. Inst., La Jolla, CA USA and Rainer Spanagel, Central Inst. of Mental Health, Dept. of Psychopharmacology, Mannheim, Germany

- 2:00 INTRODUCTION
Rainer Spanagel, Central Inst. of Mental Health, Dept. of Psychopharmacology, Mannheim, Germany
- 2:10 ROLE OF DYNORPHIN / KAPPA OPIOID RECEPTOR SYSTEMS IN THE PATHOPHYSIOLOGY OF ALCOHOL AND DRUG ADDICTION
Toni S. Shippenberg, Integrative Neuroscience Sec., NIH/NIDA Intramural Res. Program., Baltimore, MD USA
- 2:35 BLOCKADE OF KAPPA OPIOID RECEPTORS DURING ACUTE WITHDRAWAL REDUCES THE MOTIVATION TO SELF-ADMINISTER ETHANOL IN DEPENDENT ANIMALS
Brendan Walker, Molecular and Integrative Neurosciences Dept., Scripps Res. Inst., La Jolla, CA USA
- 3:00 THE ROLE OF KAPPA OPIOID RECEPTORS IN MODULATING DOPAMINE RELEASE FOLLOWING CHRONIC ETHANOL
Sara Lindholm, Dept. of Clinical Neuroscience, Karolinska Inst., Stockholm, Sweden
- 3:25 ASSOCIATION OF THE DYNORPHIN / KAPPA OPIOID SYSTEM WITH ALCOHOL DEPENDENCE
Howard J. Edenberg, Dept. of Biochemistry and Molecular Biology, Indiana Univ. School of Med., Indianapolis, IN USA
- 3:50 DISCUSSANT
Rainer Spanagel, Central Inst. of Mental Health, Dept. of Psychopharmacology, Mannheim, Germany
Brendan Walker, Molecular and Integrative Neurosciences Dept., Scripps Res. Inst., La Jolla, CA USA

2:00pm - 4:00pm

SYMPOSIUM

Franklin/McPherson

INNATE IMMUNITY IN THE PROGRESSION OF ALCOHOL-RELATED ORGAN INJURY

Organizers/Chairs: Kenichi Ikejima, Dept. of Gastroenterology, Juntendo Univ. School of Med., Tokyo, Japan and Gavin E. Arteel, Dept. of Pharmacology and Toxicology, Univ. of Louisville HSC., Louisville, KY USA

- 2:00 INTRODUCTION
Kenichi Ikejima, Dept. of Gastroenterology, Juntendo Univ. School of Med., Tokyo, Japan
- 2:10 PLASMINOGEN ACTIVATOR INHIBITOR-1 AT THE CROSSROAD OF INNATE IMMUNITY AND COAGULATION
Gavin E. Arteel, Dept. of Pharmacology and Toxicology, Univ. of Louisville HSC, Louisville, KY USA
- 2:35 ROLE OF COMPLEMENT IN ETHANOL-INDUCED LIVER INJURY
Michele Pritchard, Dept. of Gastroenterology and Pathobiology, Cleveland Clinic Foundation, Cleveland OH USA
- 3:00 IMPACT OF LIPID METABOLISM IN HEPATOCELLULAR INJURY FOLLOWING INNATE IMMUNE REACTION
Jose Fernandez-Checa, Liver Unit, Hospital Clinic, Barcelona, Spain
- 3:25 CRITICAL ROLE OF TLR SIGNALING IN HEPATIC STELLATE CELL ON HEPATIC FIBROGENESIS
Yong-Han Paik, Dept. of Internal Med., Yonsei Univ. College of Medicine, Seoul, Korea
- 3:50 DISCUSSANT
Ian N. Hines, Dept. of Medicine, Univ. of North Carolina, Chapel Hill, NC USA

2:00pm - 4:00pm

SYMPOSIUM

Renwick/Bulfinch

ALCOHOLIC CARDIAC INJURY: FROM BASIC RESEARCH TO CURE

Organizer/Chair: Emanuel Rubin, Dept. of Pathology, Anatomy & Cell Biology, Thomas Jefferson Univ., Philadelphia, PA USA
Co-Chair: Alvaro Urbano-Marquez, Alcohol Unit, Hospital Clinic, Univ. of Barcelona, Barcelona, Spain

- 2:00 INTRODUCTION
Samir Zakhari, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA
- 2:10 FACTORS INFLUENCING MYOCYTE DEATH AND REGENERATION IN ALCOHOLIC CARDIOMYOPATHY
Joaquim Fernandez-Sola, Alvaro Urbano-Marquez, Alcohol Unit, Hospital Clinic, Univ. of Barcelona, Barcelona, Spain
- 2:35 ALCOHOLIC CARDIOMYOPATHY: DEVELOPMENT OF LEFT VENTRICULAR DYSFUNCTION IN RATS BY ETHANOL AND DOXORUBICIN
Helen Anni, Dept. of Pathology, Anatomy & Cell Biology, Thomas Jefferson Univ., Philadelphia, PA USA
- 3:00 PROTEIN DYSHOMEOSTASIS IN DEVELOPMENT OF ALCOHOLIC CARDIOMYOPATHY
Thomas C. Vary, Dept. of Cellular and Molecular Physiology, Penn State Univ. College of Med., Hershey, PA USA
- 3:25 ALCOHOLIC CARDIOMYOPATHY AND HUMAN CARDIAC STEM CELLS
Jan Kajstura, Brigham and Women's Hosp., Harvard Medical School, Boston, MA USA
- 3:50 DISCUSSANT
Emanuel Rubin, Dept. of Pathology, Anatomy & Cell Biology, Thomas Jefferson Univ., Philadelphia, PA USA

2:00pm - 4:00pm

SYMPOSIUM

Farragut/LaFayette

BRAIN BANKING FOR ALCOHOL RESEARCH: PAST, PRESENT AND THE FUTURE

Organizers/Chairs: Clive Harper, Dept. of Pathology, Univ. of Sydney, Sydney, NSW, Australia
and Therese Garrick, Dept. of Pathology, Univ. of Sydney, Sydney, NSW, Australia

- 2:00 INTRODUCTION
Therese Garrick, Dept. of Pathology, Univ. of Sydney, Sydney, NSW, Australia
- 2:10 BRAIN BANKING FOR NEUROSCIENCE: PAST, PRESENT AND THE FUTURE
Irina Dedova, Dept. of Pathology, Univ. of Sydney, Sydney, NSW, Australia
- 2:35 HISTOCHEMICAL COMPARISONS OF HUMAN ALCOHOLIC BRAIN AND RODENT MODELS OF ALCOHOLISM
Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA
- 3:00 ADAPTATIONS IN THE OPIOID SYSTEMS RELEVANT FOR COGNITIVE IMPAIRMENT IN ALCOHOLICS
Gregory Bakalkin, Dept. of Molecular Sciences, Karolinska Inst., Stockholm, Sweden
- 3:25 THE GENETICS OF ALCOHOL-RELATED BRAIN DAMAGE: FROM BRAIN SPECIMEN TO ASSOCIATION STUDIES
Irene Guerrini, Dept. of Mental Health Sciences, Univ. College, London, United Kingdom
- 3:50 DISCUSSANT
Clive Harper, Dept. of Pathology, Univ. of Sydney, Sydney, NSW, Australia

4:00pm - 7:00pm

POSTER SESSION II

Independence A

POSTER NUMBERS: 1-260 / ABSTRACT NUMBERS: 261-520
three 45-minute periods and 45-minutes for final unmanned viewing
(light refreshments)

6:15pm - 8:15pm

WORKSHOP

Independence FGH

LESCH TYPOLOGY COMPUTERIZED ASSESSMENT FOR RESEARCH AND THERAPY
Organizers/Chairs: Otto Lesch, Univ. Clinic for Psychiatry and Psychotherapy, Vienna, Austria
and Victor Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA

- 6:15 INTRODUCTION
Otto Lesch, Univ. Clinic for Psychiatry and Psychotherapy, Vienna, Austria
- 6:25 MULTI-DIMENSIONAL SUBGROUPS OF ALCOHOL DEPENDENCE USEFUL FOR RESEARCH AND THERAPY
Michie Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA
- 6:45 PHARMACEUTICAL TRIALS ACCORDING TO SUBGROUPS: AN IMPORTANT DEVELOPMENT IN THE FUTURE
Bankole Johnson, Dept. of Psychiatric Medicine, Univ. of Virginia HSC, Charlottesville, VA USA
- 7:05 LESCH TYPOLOGY: THE ASSESSMENT PROCEDURE
Otto Lesch, Univ. Clinic for Psychiatry and Psychotherapy, Vienna, Austria
- 7:25 HOW TO USE THE COMPUTER PROGRAM IN RESEARCH AND THERAPY
Henriette Walter, Univ. Clinic for Psychiatry and Psychotherapy, Vienna, Austria
- 7:45 OPEN DISCUSSION

6:15pm - 8:15pm

SYMPOSIUM

Constitution A

NEW BIOMARKERS AND DEVICES TO DETECT ETHANOL INTAKE: BENEFITS, LIMITATIONS, HOW AND WHEN TO USE
Organizer: Gregory E. Skipper, Univ. of Alabama School of Medicine, Montgomery, AL USA
Co-Chairs: Raye Litten, Div. of Treatment and Recovery Research, NIAAA/NIH, Bethesda, MD USA
and Frieder Wurst, Christian-Doppler-Clinic, Paracelsus Medical Univ., Salzburg, Austria

- 6:15 INTRODUCTION
Raye Litten, Div. of Treatment and Recovery Research, NIAAA/NIH, Bethesda, MD USA
- 6:25 NEW BIOMARKERS OF ALCOHOL CONSUMPTION: BIOMARKERS AND THERAPEUTIC ASPECTS
Frieder Wurst, Christian-Doppler-Clinic, Paracelsus Medical Univ., Salzburg, Austria
- 6:50 ETHANOL-BASED HAND SANITIZER GELS CAUSE POSITIVE BIO-MARKERS FOR ETHANOL EXPOSURE
Gregory E. Skipper, Univ. of Alabama School of Medicine, Montgomery, AL USA
- 7:15 BIOMARKER TESTING IN HIV POSITIVES IN UGANDA
Judy Hahn, Dept. of Medicine, San Francisco General Hosp., Univ. of California, San Francisco, CA USA
- 7:40 A CONTINUOUS ALCOHOL MONITORING DEVICE AND ITS USE IN CRIMINAL JUSTICE SETTINGS
Mark Wojcik, Alcohol Monitoring Systems, Inc., Littleton, CO USA
- 8:05 DISCUSSANT
Raye Litten, Div. of Treatment and Recovery Research, NIAAA/NIH, Bethesda, MD USA

6:15pm - 8:15pm

WORKSHOP

Constitution CDE

TRANSLATING RESEARCH: BASIC AND CLINICAL DIALOGUES
Organizer/Chair: Thomas P. Beresford, Dept. of Psychiatry, Univ. of Colorado School of Med., Denver, CO USA

- 6:15 INTRODUCTION - CONVERSATIONS IN BASIC SCIENCE AND CLINICAL ART
Thomas P. Beresford, Dept. of Psychiatry, Univ. of Colorado School of Med., Denver, CO USA
- 6:30 ALCOHOL DEPENDENCE IN THE RAT: TERMINOLOGY, TYPES AND RELEVANCE TO ADDICTION
George Koob, Comm. on Neurobiology of Addictive Disorders, Scripps Res. Inst., La Jolla, CA USA
- 6:55 IT'S NOT A PERFECT WORLD, A CLINICAL RESEARCHER'S PERSPECTIVE
Bryon Adinoff, Drug and Alcohol Abuse Research, Univ. of Texas Southwestern Medical Ctr., Dallas, TX USA
- 7:20 PHARMACOGENOMICS AND ENDOPHENOTYPES TO SYSTEMS MEDICINE: A COMBINED PRECLINICAL AND CLINICAL APPROACH TO IMPROVE TREATMENT RESPONSE
Rainer Spanagel, Central Inst. of Mental Health, Dept. of Psychopharmacology, Mannheim, Germany
- 7:45 OPEN DISCUSSION

6:15pm - 8:15pm

WORKSHOP

Farragut/LaFayette

ADVANCES IN ALCOHOL RESEARCH IN LATIN AMERICA

Organizers/Chairs: Roseli Boerngen da Lacerda, Pharmacology Dept., Univ. Federal do Parana, Curitiba, Parana, Brazil and Rosana Camarini, Dept. of Pharmacology, Univ. of Sao Paulo, Sao Paulo, SP, Brazil

- 6:15 INTRODUCTION
Roseli Boerngen da Lacerda, Pharmacology Dept., Univ. Federal do Parana, Curitiba, Parana, Brazil
- 6:25 BEHAVIORAL RESPONSES AND C-FOS/EGR-1 IMMUNOREACTIVITY FOLLOWING ETHANOL TREATMENT IN ADOLESCENT AND ADULT MICE
Rosana Camarini, Dept. of Pharmacology, Univ. of Sao Paulo, Sao Paulo, SP, Brazil
- 6:45 ACUTE ETHANOL ADMINISTRATION DIFFERENTIALLY ALTERS ENKEPHALIN EXPRESSION IN THE RAT BRAIN
Milagros Mendez, Inst. Nacional de Psiquiatria Ramon de la Fuente, Mexico City, D.F., Mexico
- 7:05 APPETITIVE, AVERSIVE AND NEGATIVE REINFORCING EFFECTS OF ETHANOL IN INFANT RATS
Ricardo Pautassi, Dept. of Psychology, Binghamton Univ., Binghamton, NY USA
- 7:25 NEUROBIOLOGICAL MECHANISMS UNDERLYING ALCOHOL-INDUCED BEHAVIORAL SENSITIZATION IN MICE
Isabel Quadros, Psychology Dept., Tufts Univ., Medford, MA USA
- 7:55 OPEN DISCUSSION

6:15pm - 8:15pm

SYMPOSIUM

Constitution B

POTENTIAL THERAPEUTIC INTERVENTIONS FOR FETAL ALCOHOL SPECTRUM DISORDERS:
RECENT FINDINGS FROM ANIMAL MODELS

Organizer/Chair: Alexandre Medina, Dept. of Anatomy & Neurobiology, Virginia Commonwealth Univ., Richmond, VA USA
Co-Chair: Jennifer Thomas, Dept. of Psychology, San Diego State Univ., San Diego, CA USA

- 6:15 INTRODUCTION
Daniel D. Savage, Dept. of Neurosciences, Univ. of New Mexico School of Med., Albuquerque, NM USA
- 6:25 PREVENTION OF ALCOHOL-INDUCED DAMAGE IN FETAL ALCOHOL SYNDROME WITH THE PEPTIDES NAP AND SAL
Catherine Spong, Pregnancy and Perinatology Branch, NIH/NICHD, Bethesda, MD USA
- 6:50 EFFECTS OF NICOTINAMIDE IN A MODEL OF FAS
Daniel G. Herrera, Dept. of Psychiatry, Cornell Medical College, New York, NY USA
- 7:15 CHOLINE SUPPLEMENTATION AS A TREATMENT FOR FETAL ALCOHOL EFFECTS
Jennifer Thomas, Dept. of Psychology, San Diego State Univ., San Diego, CA USA
- 7:40 PHOSPHODIESTERASE INHIBITORS AS PLASTICITY ENHANCERS IN FASD
Alexandre Medina, Dept. of Anatomy & Neurobiology, Virginia Commonwealth Univ., Richmond, VA USA
- 8:05 DISCUSSION
Alexandre Medina, Dept. of Anatomy & Neurobiology, Virginia Commonwealth Univ., Richmond, VA USA

6:15pm - 8:15pm

PAPER SESSION

Independence BCD

ENOCH GORDIS AWARD FINALISTS - POST-DOCS AND JUNIOR INVESTIGATORS
Moderator: Kirk Brower, Univ. of Michigan Alcohol Research Ctr., Ann Arbor, MI USA

- 6:20 Haughey, Heather Acute Administration of Atomoxetine Alters the Acute Subjective Effects of Alcohol in Humans: Influence of COMT And DBH Genes
- 6:32 Mitchell, Patrick Alcohol Primes the Airway for Increased Interleukin-13 Signaling and Epithelial-Mesenchymal Transition
- 6:44 Morgan-Lopez, Antonio Consequences of Misspecifying the Number of Classes in Modeling Group Membership Turnover in Ecologically-Valid Behavioral Alcoholism Treatment Trials
- 6:56 Mulholland, Patrick Chronic Ethanol-Induced Homeostatic Plasticity in the Hippocampus Involves Opposing Changes in SK2 Channels And NMDA Receptors
- 7:08 Muralidharan, Kesavan Abnormalities in Cortical and Trans-callosal Inhibitory Mechanisms in Subjects at High-Risk for Alcohol Dependence: A TMS Study
- 7:20 Newton, Phillip Block of Voltage-Gated Calcium Channels Attenuates Ethanol-Induced Intoxication, Self-Administration and Relapse: A Preclinical Study
- 7:32 Schulte, Tilman Disruption of Top-Down and Bottom-Up Processes in Alcoholics: A Functional Magnetic Resonance Imaging Study
- 7:44 Tang, Sonja Antioxidant Treatment Attenuates Abstinence-Induced Exacerbation of Klebsiella Pneumoniae Infection
- 7:56 Zahr, Natalie Long-Term Alcohol Exposure by Vapor Chamber Alters MRS Detectable Metabolites in Rat Striatum

TUESDAY, JULY 1

6:30am - 8:30am	CONTINENTAL BREAKFAST - Nametag required.	Independence AEI / Foyer
7:00am - 8:00am	<i>ALCOHOLISM: CLINICAL AND EXPERIMENTAL RESEARCH</i> Review Editor's Breakfast - closed	Burnham
7:30am - 4:30pm	RSA / ISBRA REGISTRATION DESK - Open	Independence Foyer
8:00am - 9:00am	PLENARY SESSION III	Constitution w/closed circuit - Bridge Rooms and Independence

EPIGENETIC PROGRAMMING OF GENE EXPRESSION AND NEUROENDOCRINE FUNCTION THROUGH VARIATIONS IN MATERNAL CARE

Michael J. Meaney, Ph.D., McGill Program for the Study of Behaviour, Genes and Environment
Douglas Mental Health University Inst., Montreal, Quebec, Canada

Michael J. Meaney is a James McGill Professor of Medicine at Douglas Hospital Research Centre of McGill University. He is the Director of the Vulnerability and Neurodevelopment Project and of the Developmental Neuroendocrinology Laboratory of McGill University. Dr. Meaney was educated at Loyola College of Montreal and received his PhD from Concordia University (Montreal) with post-doctoral training at The Rockefeller University in New York. Over this period Dr. Meaney's primary research interest is on the effects of early experience on gene expression and development. Dr. Meaney's research is multidisciplinary and includes studies of behavior and physiology, to molecular biology and genetics. The primary objective of these studies is to define the processes that govern gene - environment interactions. He has authored over 250 journal articles and has been the recipient of a Scientist Award from the Canadian Institutes for Health Research (CIHR) and a Distinguished Scientist Award from the National Alliance for Research in Schizophrenia and Affective Disorders. He was awarded The Klerman Award (Cornell University), The Patricia Barchas Award (Research in Socio-physiology), The Heinz Lehman Award (Canadian College of Neuropsychopharmacology) and is the Bank of Montreal Fellow for the Canadian Institutes for Advanced Research. He currently holds a CIHR Senior Scientist Award. Graduates from Meaney's lab hold faculty appointments across North America, Asia and Europe, including Columbia University, Queen's University, University of California at Berkley, University of British Columbia, University of Michigan, University of Pennsylvania, and the RIKEN Institute of Japan. Research in the Meaney lab is funded by grants from Canadian (CIHR, NSERC), American (NIMH, NICDH), and International (HFSP) agencies.

9:00am - 9:30am COFFEE BREAK Independence Foyer

9:30am - 11:30am SYMPOSIUM Constitution A

CURRENT FINDINGS ON GENDER AND ALCOHOLISM: BIOLOGY, EPIDEMIOLOGY AND TREATMENT Organizers/Chairs: Michie Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA and Susumu Higuchi, Nat'l. Hospital Organization, Kurihama Alcoholism Ctr., Yokosuka, Kanagawa, Japan

9:30	INTRODUCTION Michie Hesselbrock, Dept. of Psychiatry, Univ. of Connecticut, Farmington, CT USA
9:40	GENDER DIFFERENCES IN ALCOHOL-INDUCED LIVER DISEASE Nobuyuki Enomoto, Juntendo Univ. School of Medicine, Tokyo, Japan
10:05	GENE-GENDER INTERACTION IN THE DEVELOPMENT OF ALCOHOLISM: EFFECT OF ADH AND ALDH2 POLYMORPHISMS IN JAPANESE ALCOHOLICS Mitsuru Kimura, Dept. of Psychiatry, Nat'l. Hospital, Kanagawa, Japan
10:30	GENDER AND ALCOHOL USE DISORDERS IN THE UNITED STATES: FINDINGS FROM THE NATIONAL EPIDEMIOLOGICAL SURVEY ON ALCOHOL AND RELATED CONDITIONS (NESARC) Rise B. Goldstein, Lab of Epidemiology and Biometry, NIAAA/NIH, Bethesda, MD USA
10:55	IDENTIFICATION AND TREATMENT OF ALCOHOL PROBLEMS INWOMEN Dace Svikis, Dept. of Psychology, Virginia Commonwealth Univ., Richmond, VA USA
11:20	DISCUSSANT Henriette Walter, Univ. Clinic for Psychiatry and Psychotherapy, Vienna, Austria

9:30am - 11:30am

SYMPOSIUM

Franklin/McPherson

EMERGING TARGETS AT THE GPCR SIGNALING COMPLEX: IMPLICATIONS FOR ETHANOL REINFORCEMENT?
Organizer/Chair: Wolfgang Sommer, Lab of Clinical and Translational Studies, NIAAA/NIH, Bethesda, MD USA
Co-Chair: Boris Tabakoff, Dept. of Pharmacology, Univ. of Colorado HSC, Aurora, CO USA

- 9:30 INTRODUCTION - ORGANIZATION OF GPCR-SECOND MESSENGER SIGNALING PATHWAYS BY SCAFFOLD PROTEINS
Mark L. Dell'Acqua, Dept. of Pharmacology, Univ. of Colorado HSC, Aurora, CO USA
- 9:40 REGULATION OF 5-HT-1B RECEPTOR EFFICACY BY ITS ADAPTOR PROTEIN P11
Per Svenningsson, Dept. of Physiology and Pharmacology, Karolinska Inst., Stockholm, Sweden
- 10:05 BEYOND THE GPCR'S: EFFECTOR CHARACTERISTICS AND ETHANOL'S ACTION
Sergey Pronko, Dept. of Pharmacology, Univ. of Colorado HSC, Aurora, CO USA
- 10:30 G-PROTEIN COUPLED RECEPTOR HETERODIMERIZATION LEADS TO DISTINCT SIGNALING
Raphael Rozenfeld, Dept. of Pharmacology and Systems Therapeutics, Mt. Sinai School of Medicine, New York, NY USA
- 10:55 MODULATION OF VOLUNTARY ETHANOL CONSUMPTION BY BETA-ARRESTIN 2
Wolfgang Sommer, Lab of Clinical and Translational Studies, NIAAA/NIH, Bethesda, MD USA
- 11:20 DISCUSSANT
George Kunos, Nat'l. Inst. on Alcohol Abuse and Alcoholism, Bethesda, MD USA

9:30am - 11:30am

SYMPOSIUM

Independence BCD

PHARMACOLOGICAL TARGETS FOR TREATMENT OF ALCOHOLISM: BASIC STUDIES
Organizers/Chairs: Kalervo Kiianmaa, Alcohol Research Ctr., National Public Health Inst., Helsinki, Finland
and Jorgen A. Engel, Dept. of Pharmacology, Univ. of Goteborg, Goteborg, Sweden

- 9:30 INTRODUCTION
Kalervo Kiianmaa, Alcohol Research Ctr., National Public Health Inst., Helsinki, Finland
- 9:40 mGLURS: TARGETS FOR ALCOHOL THERAPEUTICS?
Andrew J. Lawrence, Howard Florey Inst., Ctr. for Neuroscience, Univ. of Melbourne, Victoria, Australia
- 10:05 MODELLING THE DARKSIDE OF ALCOHOLISM: IMPLICATIONS FOR MEDICATION DEVELOPMENT
Anita Chr. Hansson, Nat'l. Inst. on Alcohol Abuse and Alcoholism, Bethesda, MD USA
- 10:30 NICOTINIC CHOLINERGIC SYSTEM IN ALCOHOL DEPENDENCE
Anh Dzung Le, Biobehavioural Pharmacology, Ctr. for Addiction and Mental Health, Toronto, Ontario, Canada
- 10:55 GHRELIN SYSTEM: A NEW ACTOR ON THE REWARD SCENE
Jorgen A. Engel, Dept. of Pharmacology, Univ. of Goteborg, Goteborg, Sweden
- 11:20 DISCUSSANT
Anh Dzung Le, Biobehavioural Pharmacology, Ctr. for Addiction and Mental Health, Toronto, Ontario, Canada

9:30am - 11:30am

SYMPOSIUM

Constitution B

GENETICS OF ALCOHOLISM: RECENT FINDINGS ADD MORE PIECES TO THE PUZZLE
Organizers/Chairs: Mary-Anne Enoch, Lab of Neurogenetics, NIAAA/NIH, Bethesda, MD USA
Co-Chair: David Goldman, Lab of Neurogenetics, NIAAA/NIH, Bethesda, MD USA

- 9:30 INTRODUCTION
Mary-Anne Enoch, Lab of Neurogenetics, NIAAA/NIH, Bethesda, MD USA
- 9:40 SEROTONIN GENES AND ALCOHOLISM WITH ANTISOCIAL FEATURES
Francesca Ducci, Inst. of Psychiatry, King's College, London, United Kingdom
- 10:05 ASSOCIATION OF ADH1B, CNR1 AND OPRM1 WITH ALCOHOL-RELATED PHENOTYPES IN NATIVE AND MEXICAN AMERICANS
Cindy L. Ehlers, Dept. of Molecular and Integrative Neurosciences, Scripps Res. Inst., La Jolla, CA USA
- 10:30 ADJACENT GABA_A RECEPTOR GENES, GABRA2 AND GABRG1, APPEAR TO BE INDEPENDENT RISK FACTORS FOR ALCOHOLISM
Mary-Anne Enoch, Lab of Neurogenetics, NIAAA/NIH, Bethesda, MD USA
- 10:55 CIRCADIAN RHYTHM GENE PERIOD1 MEDIATES STRESS-INDUCED ALCOHOL DRINKING BEHAVIOUR
Gunter Schumann, Inst. of Psychiatry, King's College, London, United Kingdom
- 11:20 DISCUSSANT
David Goldman, Lab of Neurogenetics, NIAAA/NIH, Bethesda, MD USA

9:30am - 11:30am

SYMPOSIUM

Independence FGH

THE ROLE OF CALCIUM-DEPENDENT SMALL AND LARGE CONDUCTANCE POTASSIUM CHANNELS IN ETHANOL TOLERANCE AND PLASTICITY

Organizer/Chair: Judson Chandler, Dept. of Neuroscience, Medical Univ. of South Carolina, Charleston, SC USA

- 9:30 INTRODUCTION
Judson Chandler, Dept. of Neuroscience, Medical Univ. of South Carolina, Charleston, SC USA
- 9:40 REPEATED ETHANOL FACILITATES VTA BURSTING IN VITRO AND CROSS-SENSITIZATION TO COCAINE
Woody Hopf, Ernest Gallo Clinic and Res. Ctr., UCSF Dept. of Neurology, Emeryville, CA USA
- 10:05 CHRONIC ETHANOL-INDUCED HOMEOSTATIC PLASTICITY IN THE HIPPOCAMPUS INVOLVES OPPOSING CHANGES IN SK2 CHANNELS AND NMDA RECEPTORS ----- GORDIS AWARD FINALIST
Patrick Mulholland, Dept. of Neuroscience, Medical Univ. of South Carolina, Charleston, SC USA
- 10:30 MOLECULAR MECHANISMS THAT DETERMINE LARGE CONDUCTANCE, VOLTAGE- AND CALCIUM-GATED POTASSIUM (BK; SLO) CHANNELS RESPONSES TO ACUTE ETHANOL EXPOSURE
Alejandro Dopico, Dept. of Pharmacology, Univ. of Tennessee HSC, Memphis, TN USA
- 10:55 BK CHANNEL $\beta 4$ SUBUNIT CONTROLS MOLECULAR AND BEHAVIORAL TOLERANCE TO ALCOHOL
Steven Treistman, Dept. of Psychiatry and Neurobiology, Univ. of Massachusetts, Worcester, MA USA
- 11:20 DISCUSSANT
Judson Chandler, Dept. of Neuroscience, Medical Univ. of South Carolina, Charleston, SC USA

9:30am - 11:30am

SYMPOSIUM

Constitution CDE

ADOLESCENT BRAIN DEVELOPMENT: ETHANOL INDUCED CELLULAR AND MOLECULAR CHANGES

Organizers/Chairs: Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA and Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA

- 9:30 INTRODUCTION
Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA
- 9:40 FACTORS CONTRIBUTING TO ETHANOL INTAKE AND SENSITIVITY DURING ADOLESCENCE
Linda Spear, Dept. of Psychology, State Univ. of New York, Binghamton, NY USA
- 10:05 SLAMMING ON THE BRAKES: DEVELOPMENTAL DIFFERENCES IN ETHANOL-INDUCED NEURONAL INHIBITION
H. Scott Swartzwelder, Duke Univ. and VA Med. Ctrs., Durham, NC USA
- 10:30 MECHANISMS INVOLVED IN THE NEUROTOXICITY AND LONG-TERM BEHAVIOURAL ALTERATIONS INDUCED BY INTERMITTENT ALCOHOL EXPOSURE DURING ADOLESCENCE IN THE RAT
Consuelo Guerri, Lab of Cell Pathology, Ctr. de Investigacion Principe Felipe, Valencia, Spain
- 10:55 LONG-TERM VULNERABILITY TO ETHANOL AFTER EXPOSURE DURING ADOLESCENCE
Mickael Naassila, Univ. de Picardie Jules Verne, Pharmacy School, Amiens, France
- 11:20 DISCUSSANT
Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA

9:30am - 11:30am

SYMPOSIUM

Farragut/LaFayette

THEORY-BASED PREVENTION INTERVENTIONS WITH ALCOHOL-USING ADOLESCENTS AT HIGH RISK FOR HIV

Organizers/Chairs: Wendee M. Wechsberg, Substance Abuse Treatment, Evaluations & Interventions, RTI Int'l., RTP, NC USA and Robert C. Freeman, Div. of Epidemiology and Prevention Research, NIAAA/NIH, Rockville, MD USA

- 9:30 INTRODUCTION
Robert C. Freeman, Div. of Epidemiology and Prevention Research, NIAAA/NIH, Rockville, MD USA
- 9:40 ALCOHOL CONSUMPTION AND SEXUAL BEHAVIORS AMONG VIETNAMESE ADOLESCENTS AND YOUNG ADULTS
Linda Kaljee, Pediatric Prevention Res. Ctr., Wayne State Univ., Detroit, MI USA
- 10:05 REDUCING HIV RISK AMONG VULNERABLE YOUNG WOMEN IN SOUTH AFRICA: EFFICACY OF AN ADAPTED EVIDENCED-BASED WOMAN-FOCUSED INTERVENTION
Wendee M. Wechsberg, Substance Abuse Treatment, Evaluations & Interventions, RTI Int'l., RTP, NC USA
- 10:30 ALCOHOL USE, SEXUAL EXPECTANCIES AND RISKY SEXUAL BEHAVIOR AMONG MALE ADOLESCENT DETAINEES
Desiree Oliver, Ctr. for Family Research, Univ. of Georgia, Athens, GA USA
- 10:55 EXAMINING HETEROGENITY IN THE EMPOWER PROGRAM: A BRIEF HIV RISK REDUCTION FOR TEENS IN ALCOHOL TREATMENT
Jonathan Tubman, Dept. of Psychology, Florida Int'l. Univ., Miami, FL USA
- 11:20 DISCUSSANT
Laura Otto-Salaj, Ctr. for Addiction and Behavioral Health Res., Univ. of Wisconsin, Milwaukee, WI USA

9:30am - 11:30am

SYMPOSIUM

Renwick/Bulfinch

OPTIMIZING TREATMENT FOR ALCOHOLISM COMPLICATED WITH BIPOLAR DISORDER:
CURRENT ADVANCES AND FUTURE DIRECTIONS

Organizers/Chairs: Ihsan M. Salloum, Dept. of Psychiatry and Behavioral Sciences, Univ. of Miami, Miami, FL USA
and Conor K. Farren, Dept. of Psychiatry, Trinity College Dublin, St. Patrick's Hosp., Dublin, Ireland

- 9:30 INTRODUCTION
Kathleen Brady, Dept. of Psychiatry, Med. Univ. of South Carolina, Charleston, SC USA
- 9:40 INTEGRATED GROUP THERAPY FOR PATIENTS WITH BIPOLAR DISORDER AND SUBSTANCE DEPENDENCE
Roger D. Weiss, Dept. of Psychiatry, Harvard Medical School, Boston, MA USA
- 10:05 INTEGRATING PHARMACOTHERAPY AND A NOVEL INDIVIDUAL COUNSELING FOR ALCOHOLISM WITH BIOPOLAR DISORDER
Ihsan M. Salloum, Dept. of Psychiatry and Behavioral Sciences, Univ. of Miami, Miami, FL USA
- 10:30 PREDICTING RELAPSE AFTER AN INTEGRATED INPATIENT TREATMENT FOR UNIPOLAR DEPRESSED AND BIPOLAR ALCOHOLICS
Conor K. Farren, Dept. of Psychiatry, Trinity College Dublin, St. Patrick's Hosp., Dublin, Ireland
- 10:55 NEUROPHYSIOLOGY AND OUTCOMES OF ADOLESCENTS WITH CO-OCCURRING BIOPOLAR AND ALCOHOL USE DISORDERS
Melissa P. DelBello, Dept. of Psychiatry, Univ. of Cincinnati Coll. of Medicine, Cincinnati, OH USA
- 11:20 DISCUSSANT
Henry R. Kranzler, Dept. of Psychiatry, Univ. of Connecticut School of Medicine, Farmington, CT USA

11:30am - 12:15pm

RSA BUSINESS (MEMBERSHIP) MEETING - open to RSA members

Constitution A

12:30pm - 1:30pm

ISBRA GENERAL ASSEMBLY - open to ISBRA members

Constitution B

12:30pm - 1:45pm

RSA ANNUAL LEGISLATIVE ADVOCACY WORKSHOP

Independence BCD

Organized by the RSA Government Affairs and Advocacy Committee
Chairs: Sara Jo Nixon and Steven Treistman
Light Lunch available for those who RSVP'd in advance - ticket required

12:30pm - 1:45pm

RSA MENTORING WORKSHOP

Independence FGH

Organized by the RSA Education Committee Chair: Darin Knapp
Light Lunch available for those who RSVP'd in advance - ticket required

What should you as a new faculty member, post-doc, or graduate student seek in a quality mentoring relationship? Where do you get advice and guidance on professional development, grant and manuscript writing? Where and when can you get guidance on developing oral communications skills? How do you get and stay organized, and manage conflicts, authorship issues, and your time? What if your mentor/mentoree partnership isn't working? These are some of the myriad questions that may come up as a mentoring relationship unfolds.

2:00pm - 4:00pm

SYMPOSIUM

Independence BCD

NEW BEGINNINGS: DIVERSE ROLES OF GROWTH FACTORS (BDNF, INSULIN, IGF, NGF AND GDNF)
IN ETHANOL'S ACTIONS IN THE BRAIN

Organizer/Chair: Dorit Ron, Ernest Gallo Clinic and Res. Ctr., Univ. of California-San Francisco, Emeryville, CA USA

- 2:00 INTRODUCTION
Dorit Ron, Ernest Gallo Clinic and Res. Ctr., Univ. of California-San Francisco, Emeryville, CA USA
- 2:10 NGF, AN AUTOCRINE/PARACRINE FACTOR IN THE ADULT CEREBRAL CORTEX
Michael M. Miller, Dept. of Neuroscience and Physiology, SUNY-Upstate Medical Univ., Syracuse, NY USA
- 2:35 ETHANOL-IMPAIRED NEURONAL MIGRATION IN FETAL ALCOHOL SYNDROME: LINK TO INHIBITION OF ASPARTYL-
ASPARAGINYL- β -HYDROXYLASE EXPRESSION
Suzane de la Monte, Depts. of Medicine, Pathology and Clinical Neuroscience, Brown Univ., Providence, RI USA
- 3:00 ACTIVITY-REGULATED CYTOSKELETON (Arc) ASSOCIATED PROTEIN AND DENDRITIC SPINES IN THE AMYGDALA:
A ROLE IN ALCOHOL DEPENDENCE AND PREFERENCE
Huaibo Zhang, Dept. of Psychiatry, Univ. of Illinois, Chicago, IL USA
- 3:25 GDNF: A FAST-ACTING LONG-LASTING INHIBITOR OF ETHANOL'S ACTIONS
Dorit Ron, Ernest Gallo Clinic and Res. Ctr., Univ. of California-San Francisco, Emeryville, CA USA
- 3:50 DISCUSSANT
Subhash C. Pandey, Dept. of Psychiatry, Univ. of Illinois, Chicago, IL USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution A

DRINKING AND SYMPTOM TRAJECTORY CLASSES: THE NEXT STEP DRINKING PHENOTYPES
Organizer/Chair: Robert A. Zucker, Univ. of Michigan Addiction Research Ctr., Ann Arbor, MI USA

- 2:00 INTRODUCTION
Robert A. Zucker, Univ. of Michigan Addiction Research Ctr., Ann Arbor, MI USA
- 2:10 VALIDATING AND PREDICTING MEMBERSHIP IN SUBSTANCE PROBLEM PHENOTYPES FROM ADOLESCENCE THROUGH YOUNG ADULTHOOD
Tammy Chung, Univ. of Pittsburgh Med. Ctr., Western Psychiatric Inst. and Clinic, Pittsburgh, PA USA
- 2:35 ALCOHOLISM SYMPTOM TRAJECTORY CLASSES OVER THE COURSE OF ADOLESCENCE TO MIDDLE ADULTHOOD: CORRELATES AND PREDICTORS OF CLASS MEMBERSHIP
Jennifer M. Jester, Univ. of Michigan Addiction Research Ctr., Ann Arbor, MI USA
- 3:00 DRINKING TRAJECTORIES THROUGH MIDLIFE
Theodore Jacob, Family Research Ctr., VA Palo Alto Health Care System, Menlo Park, CA USA
- 3:25 ALCOHOL USE TRAJECTORIES AMONG ADULTS IN AN URBAN AREA AFTER A DISASTER: EVIDENCE FROM A POPULATION-BASED COHORT STUDY
Magdalena Cerda, Dept. of Epidemiology, Univ. of Michigan, Ann Arbor, MI USA
- 3:50 DISCUSSANT
Michael Windle, Dept. of Behavioral Science and Health Education, Emory Univ., Atlanta, GA USA

2:00pm - 4:00pm

SYMPOSIUM

Constitution B

NEUROIMAGING OF ANIMAL MODELS OF ALCOHOLISM: SECOND REPORT FROM THE
INTEGRATIVE NEUROSCIENCE INITIATIVE ON ALCOHOLISM

Organizers/Chairs: Edith V. Sullivan, Dept. of Psychiatry and Behavioral Sciences, Stanford Univ., Stanford, CA USA
and Kathleen A. Grant, Dept. of Behav. Neuroscience, Oregon Health & Science Univ., Portland OR USA

- 2:00 INTRODUCTION
Edith V. Sullivan, Dept. of Psychiatry and Behavioral Sciences, Stanford Univ., Stanford, CA USA
- 2:10 MRI ANALYSIS OF NEUROANATOMICAL CHANGES INDUCED BY LONG-TERM ETHANOL SELF-ADMINISTRATION IN MONKEYS
Kathleen A. Grant, Dept. of Behav. Neuroscience, Oregon Health & Science Univ., Portland OR USA
- 2:35 PROTON MAGNETIC RESONANCE SPECTROSCOPY OF INTRAVENOUSLY-ADMINISTERED ETHANOL IN THE CYNOMOLGUS MACAQUE BRAIN
Christopher D. Kroenke, Oregon Nat'l. Primate Res. Ctr., Oregon Health & Science Univ., Portland OR USA
- 3:00 VENTRICULAR EXPANSION AFTER ALCOHOL EXPOSURE BY VAPOR CHAMBER IN WISTAR RATS
Adolf Pfefferbaum, Neuroscience Program, SRI International, Menlo Park, CA USA
- 3:25 LONG-TERM ALCOHOL EXPOSURE BY VAPOR CHAMBER ALTERS MRS DETECTABLE METABOLITES IN RAT STRIATUM
----- GORDIS AWARD FINALIST
Natalie M. Zahr, Dept. of Psychiatry and Behavioral Sciences, Stanford Univ., Stanford, CA USA
- 3:50 DISCUSSANT
Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

2:00pm - 4:00pm

SYMPOSIUM

Renwick/Bulfinch

ALCOHOL AND RETINOIC ACID-DEPENDENT STEM CELL GROWTH CONTROL

Organizers/Chairs: William F. Bosron, Dept. of Biochemistry and Molecular Biology, Indiana Univ., Indianapolis, IN USA
and Svetlana Radaeva, Div. of Metabolism and Health Effects, NIAAA/NIH, Bethesda, MD USA
Co-Chair: Abraham Fainsod, Dept. of Cellular Biochemistry and Human Genetics, Hebrew Univ., Jerusalem, Israel

- 2:00 INTRODUCTION
Svetlana Radaeva, Div. of Metabolism and Health Effects, NIAAA/NIH, Bethesda, MD USA
- 2:10 ETHANOL INCREASES ENDOGENOUS at RA IN SELECT TISSUES
Joseph L. Napoli, Nutritional Science and Toxicology, Univ. of California, Berkeley, CA USA
- 2:35 ETHANOL COMPETES WITH RETINOIC ACID BIOSYNTHESIS FOR THE RETINALDEHYDE DEHYDROGENASE ACTIVITY DURING HEAD FORMATION
Abraham Fainsod, Dept. of Cellular Biochemistry and Human Genetics, Hebrew Univ., Jerusalem, Israel
- 3:00 RETINOIDS, STEM CELLS, AND CHROMATIN
Lorraine J. Gudas, Dept. of Pharmacology, Weill Cornell Medical College, New York, NY USA
- 3:25 INHIBITION OF ALDEHYDE DEHYDROGENASE AND RETINOID SIGNALING INDUCES THE EXPANSION OF HUMAN HEMATOPOIETIC STEM CELLS
John P. Chute, Div. of Cellular Therapy, Duke Univ., Durham, NC USA
- 3:50 DISCUSSANT
William F. Bosron, Dept. of Biochemistry and Molecular Biology, Indiana Univ., Indianapolis, IN USA

2:00pm - 4:00pm

SYMPOSIUM

Independence FGH

HIV AND ALCOHOL: INTERNATIONAL PERSPECTIVE

Organizer/Chair: Jeffrey H. Samet, Boston Univ. School of Medicine, Boston, MA USA
Co-Chair: Evgeny Krupitsky, Dept. of Addictions, Bekhterev Res. Psychoneurological Inst., St. Petersburg, Russia

- 2:00 INTRODUCTION
Jeffrey H. Samet, Boston Univ. School of Medicine, Boston, MA USA
- 2:10 ADAPTING AN HIV PREVENTION INTERVENTION FOR USE WITH HIV-INFECTED RUSSIAN DRINKERS: THE HERMITAGE STUDY
Evgeny Krupitsky, Dept. of Addictions, Bekhterev Res. Psychoneurological Inst., St. Petersburg, Russia
- 2:35 A STAGE 1 COGNITIVE BEHAVIORAL TRIAL TO REDUCE ALCOHOL USE AMONG HIV-INFECTED KENYANS
Rebecca K. Papas, General Internal Med., Yale Univ. School of Med., West Haven, CT USA
- 3:00 PREDICTORS OF ALCOHOL CONSUMPTION PATTERNS IN HIV-INFECTED PATIENTS WITH ALCOHOL PROBLEMS
Nicolas Bertholet, Boston Univ. School of Medicine, Boston, MA USA
- 3:25 CLINIC AND COMMUNITY-BASED PREVENTION INTERVENTIONS FOR SOUTH AFRICANS WITH ALCOHOL ASSOCIATED HIV RISKS
Seth Kalichman, Dept. of Psychology, Univ. of Connecticut, Storrs, CT USA
- 3:50 DISCUSSANT
Kendall Bryant, HIV/AIDS Research, NIAAA/NIH, Bethesda, MD

2:00pm - 4:00pm

SYMPOSIUM

Franklin/McPherson

INVOLVEMENT OF INFLAMMATORY MEDIATORS IN ALCOHOL-INDUCED LIVER INJURY

Organizer: Carol A. Casey, Univ. of Nebraska, VAMC Research, Omaha, NE USA
Co-Chairs: Patricia Eagon, Div. of Gastroenterology, Univ. of Pittsburgh, Pittsburgh, PA USA
and Amin Nanji, Dept. of Pathology, Dalhousie Univ. School of Med., Halifax, Nova Scotia, Canada

- 2:00 INTRODUCTION
Carol A. Casey, Univ. of Nebraska, VAMC Research, Omaha, NE USA
- 2:10 SEX AND DIETARY FATTY ACID COMPOSITION INFLUENCE DEGREE OF ALCOHOL-INDUCED LIVER AND GUT INJURY IN RATS
Patricia Eagon, Div. of Gastroenterology, Univ. of Pittsburgh, Pittsburgh, PA USA
- 2:35 GENDER-RELATED DIFFERENCES IN SUSCEPTIBILITY OF KUPFFER CELLS TO ENDOTOXIN
Shunhei Yamashina, Dept. of Gastroenterology, Juntendo Univ. School of Med., Tokyo, Japan
- 3:00 CYCLOOXYGENASE IN ALCOHOLIC LIVER INJURY
Amin Nanji, Dept. of Pathology, Dalhousie Univ. School of Med., Halifax, Nova Scotia, Canada
- 3:25 ALTERATIONS TO THE ASIALGLYCOPROTEIN RECEPTOR: IMPLICATIONS OF IMPAIRED RECEPTOR FUNCTION AND LIVER INJURY
Benita McVicker, Univ. of Nebraska, VAMC Research, Omaha, NE USA
- 3:50 DISCUSSANT
R. Thomas Gentry, Div. of Metabolism, NIAAA / NIH, Bethesda, MD USA

2:00pm - 4:00pm

SYMPOSIUM

Farragut/Lafayette

IMPLEMENTAION OF ALCOHOL INTERVENTIONS IN SURGICAL PATIENTS:
INTERDISCIPLINARY CHALLENGES AND OPPORTUNITIES

Organizers/Chairs: Peter Miller, Ctr. for Drug and Alcohol Programs, Medical Univ. of South Carolina, Charleston, SC USA
and Claudia Spies, Dept. of Anesthesiology and Intensive Care Med., Univ. Hospital Charité, Berlin, Germany

- 2:00 INTRODUCTION
Peter Miller, Ctr. for Drug and Alcohol Programs, Medical Univ. of South Carolina, Charleston, SC USA
- 2:10 ALCOHOL SCREENING AND INTERVENTION WITH SURGICAL PATIENTS
Peter Miller, Ctr. for Drug and Alcohol Programs, Medical Univ. of South Carolina, Charleston, SC USA
- 2:35 ALCOHOL BIOMARKERS FOR DETECTION AND RISK ASSESSMENT
Scott Stewart, Ctr. for Drug and Alcohol Programs, Medical Univ. of South Carolina, Charleston, SC USA
- 3:00 ALCOHOL INTERVENTIONS IN INJURED PATIENTS: NEW TRAUMA CENTER ACCREDITATION REQUIREMENTS,
NEW REIMBURSEMENT MEASUREMENTS
Larry Gentilello, Trauma, Burn and Critical Care, Univ. of Texas Southwestern Med. Ctr., Dallas, TX USA
- 3:25 PREVENTING POST-SURGICAL COMPLICATIONS IN HEAVY DRINKING SURGICAL PATIENTS
Hanne Tonnesen, Clinical Unit of Health Promotion, Univ. of Copenhagen, Copenhagen, Denmark
- 3:50 DISCUSSANT
Claudia Spies, Dept. of Anesthesiology and Intensive Care Med., Univ. Hospital Charité, Berlin, Germany

2:00pm - 4:00pm

SYMPOSIUM

Constitution CDE

THE IMPORTANCE OF GLUCOCORTICOIDS AND ALCOHOL DEPENDENCE AND NEUROTOXICITY

Organizer/Chair: Hilary Little, Addictive Behavior, Div. of Mental Health, Univ. of London, London, United Kingdom

- 2:00 INTRODUCTION
Hilary Little, Addictive Behavior, Div. of Mental Health, Univ. of London, London, United Kingdom
- 2:10 SOCIAL DRINKERS AND THE DEVELOPMENT OF RISKY DRINKING PATTERNS: THE ROLE OF CORTISOL
Abi Rose, Div. of Psychological Medicine and Psychiatry, Kings College London, London, United Kingdom
- 2:35 BRAIN GLUCOCORTICOID LEVELS AND COGNITIVE DEFICITS AFTER CHRONIC ALCOHOL TREATMENT
Hilary Little, Addictive Behavior, Div. of Mental Health, Univ. of London, London, United Kingdom
- 3:00 EFFECTS OF CHRONIC ALCOHOL CONSUMPTION ON BRAIN GLUCOCORTICOID CONCENTRATIONS AND GLUCOCORTICOID
RECEPTORS
Sid Shaw, Dept. of Clinical Pharmacology and Clinical Res., Univ. of Bern, Bern, Switzerland
- 3:25 GLUCOCORTICOIDS AND ALCOHOL IN HIPPOCAMPAL NEUROTOXICITY
Mark A. Prendergast, Dept. of Psychology, Univ. of Kentucky, Lexington, KY USA
- 3:50 DISCUSSANT
Fulton T. Crews, Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA

4:00pm - 7:00pm

POSTER SESSION III

Independence A

POSTER NUMBERS: 1-260 / ABSTRACT NUMBERS: 521-780
three 45-minute periods and 45-minutes for final unmanned viewing
(light refreshments)

6:15pm - 8:15pm

ROUNDTABLE

Farragut/LaFayette

BEYOND "PRODUCT TESTING": A DISCUSSION OF INNOVATIVE APPROACHES TO ALCOHOL TREATMENT RESEARCH
Organizer/Chair: Michelle L. Drapkin, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA
Co-Organizer: James R. McKay, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA

6:15 INTRODUCTION

Michelle L. Drapkin, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA

DEVELOPMENT AND EVALUATION OF ADAPTIVE TREATMENTS FOR ALCOHOLISM

James R. McKay, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA

HOW DO WE IDENTIFY AND TEST MECHANISMS OF CHANGE: INTEGRATING CLINICAL INTUITION RANDOMIZED CLINICAL TRIALS, AND RIGOROUS RESEARCH DESIGN

Elizabeth Epstein, Ctr. of Alcohol Studies, Rutgers-State Univ. of New Jersey, Piscataway, NJ USA

UTILIZING ANALYSIS OF TIME COURSE METHODOLOGIES TO INFORM US ABOUT MECHANISMS OF CHANGE IN BEHAVIORAL TREATMENTS FOR ALCOHOL USE DISORDERS

Michelle L. Drapkin, Ctr. on Continuum of Care in Addiction, Univ. of Pennsylvania, Philadelphia, PA USA

ALTERNATIVES TO THE TECHNOLOGY MODEL FOR DEVELOPING INTERVENTIONS FOR AUD

Jon Morgenstern, Dept. of Psychiatry, Columbia Univ. Medical Ctr., New York, NY USA

INNOVATIVE APPROACHES TO STUDYING BEHAVIORAL GENETICS OF ADDICTION THROUGH ENDOPHENOTYPE-DRIVEN MODELS

Lara A. Ray, Ctr. for Alcohol and Addiction Studies, Brown Univ., Providence, RI USA

7:45 OPEN DISCUSSION

Mark L. Willenbring, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD

6:15pm - 8:15pm

WORKSHOP

Constitution B

fMRI STUDIES OF MOTIVATION: TRYING TO DECONSTRUCT DESIRE, CRAVING
AND REWARD IN THE BRAINS OF ALCOHOLICS

Organizer/Chair: Daniel W. Hommer, CRC, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

6:15 INTRODUCTION

Daniel W. Hommer, CRC, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

6:30 fMRI STUDIES OF CRAVING

Hugh Myrick, Alcohol Research Ctr., Medical Univ. of South Carolina, Charleston, SC USA

6:55 IMAGING STUDIES OF REWARD IN ALCOHOLISM

Stefan Ehrlich, Dept. of Psychiatry, Charite Univ. Medical Ctr., Berlin, Germany

7:20 fMRI STUDIES OF REWARD IN NICOTINIC DEPENDENCE

Sabine Vollstaedt-Klein, Central Inst. of Mental Health, Dept. of Addictive Behavior & Addiction Med., Mannheim, Germany

8:45 OPEN DISCUSSION

Daniel W. Hommer, CRC, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

6:15pm - 8:15pm

WORKSHOP

Constitution A

ALCOHOL USE AND PROBLEMS OVER TIME: LATENT GROWTH CURVE MODELS IN ALCOHOL RESEARCH

Organizer/Chair: Marc A. Schuckit, Dept. of Psychiatry, Univ. of California, San Diego, CA USA

6:15 INTRODUCTION

Andrea Hussong, Dept. of Psychology, Univ. of North Carolina, Chapel Hill, NC USA

6:25 LATENT GROWTH MODELS AND RELATED APPROACHES IN ALCOHOL RESEARCH: OPTIMAL USE, ASSETS AND LIABILITIES

Andrea Hussong, Dept. of Psychology, Univ. of North Carolina, Chapel Hill, NC USA

6:45 LATENT GROWTH MODELS APPLIED TO STUDY OF THE LEVEL OF RESPONSE TO ALCOHOL PREDICTING ALCOHOL-RELATED OUTCOMES IN THE CONTEXT OF ADDITIONAL DOMAINS OVER TIME

Ryan Trim, Univ. of California and VA San Diego Healthcare System, San Diego, CA USA

7:05 DOES ADOLESCENT ALCOHOL AND MARIJUANA USE SUPPRESS GROWTH IN PSYCHOSOCIAL MATURITY?

Laurie Chassin, Dept. of Psychology, Arizona State Univ., Tempe, AZ USA

7:25 ETHNIC GROUP DIFFERENCES IN ALCOHOL USE TRAJECTORIES FROM ADOLESCENTS TO YOUNG ADULTHOOD

Michael Windle, Dept. of Behavioral Science and Health Education, Emory Univ., Atlanta GA USA

7:45 OPEN DISCUSSION

6:15pm - 8:15pm

SYMPOSIUM

Constitution CDE

METHODS OF ETHANOL APPLICATION IN ALCOHOL MODELS - HOW LONG IS LONG ENOUGH?

Organizers/Chairs: Claudia Spies, Dept. of Anesthesiology and Intensive Care Med., Univ. Hospital Charité, Berlin, Germany and Nympha B. D'Souza El Guindy, Dept. of Internal Medicine, Univ. of Kentucky, VAMC, Lexington, KY USA

- 6:15 INTRODUCTION
Claudia Spies, Dept. of Anesthesiology and Intensive Care Med., Univ. Hospital Charité, Berlin, Germany
- 6:25 ACUTE AND CHRONIC ALCOHOL APPLICATION - EXPECTATIONS AND EXPERIENCE
Nympha B. D'Souza El Guindy, Dept. of Internal Medicine, Univ. of Kentucky, VAMC, Lexington, KY USA
- 6:50 CHOOSING AN APPROPRIATE ANIMAL MODEL TO STUDY IMMUNE PARAMETERS
Gary G. Meadows, Dept. of Pharmaceutical Sciences, Washington State Univ., Pullman, WA USA
- 7:15 CHRONIC EXPOSURE OF RODENTS TO ALCOHOL USING PULMONARY ALCOHOL INHALATION MODELS
Phillipe De Witte, Biologie du Comportement, Univ. catholique de Louvain, Louvain-la-Neuve, Belgium
- 7:40 ACUTE ETHANOL VIA INTRAPERITONEAL ADMINISTRATION ALLOWS ASSESSMENT OF IMPAIRED IMMUNE FUNCTION
Elizabeth J. Kovacs, Dept. of Surgery, Loyola Univ. Med. Ctr., Maywood, IL USA
- 8:05 DISCUSSANT
Claudia Spies, Dept. of Anesthesiology and Intensive Care Med., Univ. Hospital Charité, Berlin, Germany

6:15pm - 8:15pm

ROUNDTABLE

Independence BCD

CONSILIENCE OF RODENT AND HUMAN PHENOTYPES

Organizers/Chairs: John C. Crabbe, Portland Alcohol Res. Ctr., Research Service VAMC, Portland, OR USA and Andrew C. Heath, Dept. of Psychiatry, Washington Univ. School of Medicine, St. Louis, MO USA

- 6:15 INTRODUCTION
John C. Crabbe, Portland Alcohol Res. Ctr., Research Service VAMC, Portland, OR USA
- IS THE LOW RESPONSE (LR) TO ALCOHOL ENDOPHENOTYPE FUNCTIONALLY RELATED TO RISK?
Andrew C. Heath, Dept. of Psychiatry, Washington Univ. School of Medicine, St. Louis, MO USA
- ACUTE WITHDRAWAL, PROTRACTED ABSTINENCE, AND REWARD ALLOSTASIS: ARE THEY LINKED?
Markus A. Heilig, Lab of Clinical and Translational Studies, NIAAA/NIH, Bethesda, MD USA
- ETHANOL CONSUMPTION: HOW SHOULD WE MEASURE IT?
Stephanie S. O'Malley, Dept. of Psychiatry, Yale Univ. School of Med., New Haven, CT USA
- COMPARISON OF HUMAN AND RODENT CANDIDATE GENES AND QTLs: WHAT PHENOTYPES SHOULD WE BY STUDYING
John C. Crabbe, Portland Alcohol Res. Ctr., Research Service VAMC, Portland, OR USA
- DECONSTRUCTING THE "IMPULSIVITY" CONSTRUCT AND ITS ROLE IN ALCOHOL USE DISORDERS
Daneille M. Dick, Dept. of Psychiatry, Virginia Commonwealth Univ., Richmond, VA USA
- REWARD DYSREGULATION: WHAT (IF ANYTHING) MATTERS?
Dai Stephens, Dept. of Psychology, Univ. of Sussex, Sussex, United Kingdom
- WHAT DO YOU MEAN "ENVIRONMENT"? TOWARDS A CONCEPTUAL FRAMEWORK FOR UNDERSTANDING ENVIRONMENTAL EFFECTS ON ALCOHOL CONSUMPTION
Kenneth J. Sher, Dept. of Psychological Sciences, Univ. of Missouri, Columbia, MO USA
- 7:45 OPEN DISCUSSION

6:15pm - 8:15pm

SYMPOSIUM

Independence FGH

THE USE OF CULTURED CELLS TO INVESTIGATE THE EFFECTS OF ETHANOL METABOLISM ON THE LIVER
Organizer/Chair: Dahn L. Clemens, Dept. of Internal Medicine, Univ. of Nebraska Med. Ctr., Omaha, NE USA

- 6:15 INTRODUCTION
Dahn L. Clemens, Dept. of Internal Medicine, Univ. of Nebraska Med. Ctr., Omaha, NE USA
- 6:25 DELETERIOUS EFFECTS OF ETHANOL METABOLISM ARE PREVENTED BY HGF-INDUCED ACTIVATION OF NF κ B AND P13K/
Akt SIGNALING PATHWAYS
Ma. Conception Gutierrez-Ruiz, Div. de Ciencias Biologicas, Salud Univ., Mexico City, Mexico
- 6:50 WIF-B CELLS: AN EMERGING IN VITRO MODEL FOR THE STUDY OF HEPATOTOXICITY
Pamela L. Tuma, Dept. of Biology, The Catholic Univ., Washington, DC USA
- 7:15 ETHANOL-INDUCED OXIDATIVE STRESS PROMOTES APOPTOSIS VIA NOVEL PROTEIN KINASE C-ISOFORMS IN HEPATIC CELLS
Senthil Kumar Venugopal, Dept. of Internal Med., UC Davis Medical Ctr., Sacramento, CA USA
- 7:40 CYP2E1-DEPENDENT OXIDANT STRESS AND UPREGULATION OF ANTIOXIDANT DEFENSE IN LIVER CELLS
Arthur I. Cederbaum, Dept. of Pharmacology and Systems, Mt. Sinai School of Med., New York, NY USA
- 8:05 DISCUSSANT
Dahn L. Clemens, Dept. of Internal Medicine, Univ. of Nebraska Med. Ctr., Omaha, NE USA



WEDNESDAY, JULY 2

6:30am - 8:30am

CONTINENTAL BREAKFAST - [Nametag Required.](#)

Independence AEI / Foyer

7:30am - 2:00pm

RSA / ISBRA REGISTRATION DESK - Open

Independence Foyer

8:00am - 8:30am

PLENARY SESSION IV
James B. Isaacson Awardee (2008)

Constitution w/closed
circuit Bridge Rooms and
Independence

GENE X ENVIRONMENT INTERACTIONS IN ALCOHOL RESEARCH
Rainer Spanagel, Central Inst. of Mental Health, Dept. of Psychopharmacology, Mannheim, Germany

Rainer Spanagel is Professor for Psychopharmacology at the University of Heidelberg working at the Central Institute of Mental Health (CIMH) in Mannheim (Germany). He is a behavioural pharmacologist and is the coordinator the German research network on genetics of alcoholism. His work has been awarded several times and he has published more than 125 papers in the addiction field.

Life stress is regarded as a major environmental risk factor for alcoholism as stress can have long-lasting consequences on the activity of the hypothalamic-pituitary-axis (HPA). Thus genetic variations of molecular components of the HPA system may add to the gene x stress interactions involved in alcoholism. A recently identified example of a gene x stress interaction related to HPA activity is that involving the CRH1 receptor. Mice lacking a functional CRH1 receptor do not differ from wildtype mice in alcohol intake under stress-free housing conditions. After repeated stress, however, the knockouts increase their alcohol consumption, which is then maintained at an elevated level throughout their life span - a finding which has recently been translated to humans.

Another interesting stress x gene interaction is related to the internal clock. Recent studies in knockout mouse models have revealed that the activity of these genes influences alcohol reinforcement and consumption in particular under stressful conditions, findings which are also supported by human genetic studies.

8:30am - 9:00am

PLENARY SESSION V
RSA Distinguished Researcher Awardee (2008)

Constitution
w/closed circuit cont'd

PERSONALITY AND ITS RELATION TO THE ETIOLOGY AND COURSE OF ALCOHOL USE DISORDERS
Kenneth J. Sher, Dept. of Psychological Sciences, Univ. of Missouri, Columbia, MO USA

Kenneth J. Sher, Ph.D. is Curators' Professor of Psychological Sciences at the University of Missouri and scientific co-director of the Midwest Alcoholism Research Center. His research on the etiology and course of alcohol dependence utilizes multiple research methodologies including psychophysiology, acute alcohol administration, and intensive longitudinal research designs. His scientific contributions have been recognized by awards from the NIAAA (i.e., MERIT award), Fellow status from professional societies (e.g., Fellow status in the American Association for the Advancement of Science, the Association for Psychological Science, and the American Psychological Association [APA]), and research awards from scientific organizations including RSA (where he was awarded the first Young Investigator Award in 1988) and APA (where he was recently awarded the Distinguished Scientific Contributions Award from the Division on Addictions).

For most of the past 100 years, personality has been posited to play a key role in vulnerability to alcohol use disorders (AUDs). Although the concept of the "alcoholic" (or "addictive") personality has been appropriately abandoned, decades of systematic research has identified multiple traits that appear to play key roles in the development and course in AUDs. In this talk, the roles that personality plays in key etiological pathways are discussed, specifically the importance of personality with respect to negative affect pathways, disinhibitory pathways, and pharmacological vulnerability pathways. New findings on additional roles of personality on AUD-related phenomena are also considered. In particular, I discuss the role of personality in environment selection and how individuals appear to select into high-risk environments both because of motivations directly related to drinking but also for motivations that are incidental to drinking. In addition, the importance of individual and normative change in personality, an area that has not been systematically addressed in alcohol research, is highlighted. Specifically, the role of personality "maturation" and its relation to the "maturing out" of AUDs is highlighted using prospective data showing substantial associations between individual personality change and change in problematic alcohol involvement in early adulthood.

9:00am - 9:30am

PLENARY SESSION VI
RSA Young Investigator Awardee (2007)

Constitution
w/closed circuit cont'd

HOMER2: AN ACTIVE REGULATOR OF VULNERABILITY TO HIGH ALCOHOL INTAKE
Karen K. Szumlinski, Ph.D., Dept. of Psychology and the Neuroscience Research Inst.,
University of California, Santa Barbara, CA USA

Karen K. Szumlinski earned a BSc in Psychology (1995) and a MSc in Medical Sciences (Neuroscience and Behavioural Sciences Division; 1997) at McMaster University in Hamilton, Ontario, Canada. Dr. Szumlinski earned a second MS (1999) and her PhD (2000) in the Center for Neuroscience and Neuropharmacology at the Albany Medical College in Albany, New York. She conducted her post-doctoral training in the Department of Physiology and Neuroscience at the Medical University of South Carolina in the laboratory of Dr. Peter W. Kalivas from 2000-2003, at which time she was promoted to the level of Assistant Research Professor. In March 2005, Dr. Szumlinski joined the Department of Psychology and the Neuroscience Research Institute at the University of California at Santa Barbara, where she currently waits patiently for tenure as a Step V Assistant Professor. *Major Awards and Honors:* American Women in Science Citation of Merit (2000), Early Investigator Award from the College on Problems of Drug Dependence (2000), Young Scientist Award from the European Behavioural Pharmacology Society (2003), the Postdoctoral Outstanding Young Investigator Award from the International Behavioural and Neural Genetics Society (2003), Bristol-Meyers Squibb Award from the American College on Neuropsychopharmacology (2004).

The Homer family of post-synaptic scaffolding proteins has emerged as a critical regulator of neuroplasticity, including that produced by various drugs of abuse. Repeated alcohol exposure, via intraperitoneal injection, free-access consumption or intermittent, binge-like consumption up-regulates the protein expression of the Homer2 isoform within the nucleus accumbens - a brain region highly implicated in goal-directed behavior and motivation for drug. Converging evidence from behavioral and neurochemical genetic studies involving inbred and selectively bred rodent lines, *Homer2* knock-out and related transgenic mice, as well as investigations into the effects of virus-mediated Homer2 over- and under-expression provide compelling evidence that idiopathic or alcohol-induced increases in accumbens Homer2 expression facilitate alcohol-induced neuroplasticity within the accumbens to promote an alcoholism-like behavioral phenotype. This work was supported by NIAAA grants AA015351 and AA016650 (INIA-West), as well as a Santa Barbara Cottage Hospital research award.

9:30am - 10:00am

COFFEE BREAK

Independence Foyer

10:00am - 12noon

SYMPOSIUM

Independence FGH

DOCTORS WILL DO THIS: STRATEGIES FOR MOTIVATING PHYSICIANS TO DO BRIEF INTERVENTIONS
Organizer/Chair: J. Paul Seale, Dept. of Family Med., Mercer Univ. School of Med., Macon, GA USA
Co-Chair: Daniel C. Vinson, Dept. of Family and Community Med., Univ. of Missouri, Columbia, MO USA

- 10:00 INTRODUCTION
Daniel C. Vinson, Dept. of Family and Community Med., Univ. of Missouri, Columbia, MO USA
- 10:10 USE OF ELECTRONIC REMINDERS AND A PERFORMANCE MEASURE TO INCREASE BRIEF ALCOHOL COUNSELING BY PRIMARY CARE PROVIDERS IN VA
Katharine A. Bradley, VA Puget Sound Health Care System, Univ. of Washington, Seattle, WA USA
- 10:35 WIDESPREAD IMPLEMENTATION OF BRIF ALCOHOL INTERVENTION IN FINNISH PRIMARY HEALTH CARE
Kaija-Liisa Seppa, Univ. of Tampere Medical School, Tampere, Finland
- 11:00 INCREASING PHYSICIAN BRIEF ALCOHOL INTERVENTIONS USING SKILL-BASED TRAINING, SCREENING & PROMPTING SYSTEMS, & COMBINED TOBACCO-ALCOHOL INTERVENTION
J. Paul Seale, Dept. of Family Med., Mercer Univ. School of Med., Macon, GA USA
- 11:25 STRATEGIES TO PROMOTE AND SUSTAIN BRIEF ALCOHOL INTERVENTIONS IN PRIMARY MEDICAL CARE
John B. Saunders, Alcohol and Drug Studies, Univ. of Sydney, Sydney, Australia
- 11:50 DISCUSSANT
A. Thomas McLellan, Treatment Research Inst., Philadelphia, PA USA

10:00am - 12noon

SYMPOSIUM

Constitution CDE

ETHANOL AND LIPID RAFTS
Organizer/Chair: Cynthia F. Bearer, Dept. of Pediatrics, Case Western Reserve Univ., Cleveland, OH USA
Co-Chair: Consuelo Guerri, Lab of Cell Pathology, Ctr. de Investigacion Principe Felipe, Valencia, Spain

- 10:00 INTRODUCTION
Cynthia F. Bearer, Dept. of Pediatrics, Case Western Reserve Univ., Cleveland, OH USA
- 10:10 ETHANOL'S EFFECT ON L1 DISTRIBUTION IN LIPID RAFTS UNDERLIES ITS INHIBITION ON L1 HOMOPHILIC BINDING AND NEURITE OUTGROWTH
Ningfeng Tang, Dept. of Pediatrics, Case Western Reserve Univ., Cleveland, OH USA
- 10:35 LIPID RAFTS CAVEOLAE MEDIATES THE ETHANOL-INDUCED INTERNALIZATION AND SIGNALING OF IL-1RI/TLR4 RECEPTORS IN ASTROGLIAL CELLS
Ana M. Blanco, Lab of Cell Pathology, Ctr. de Investigacion Principe Felipe, Valencia, Spain
- 11:00 ETHANOL-INDUCED DECREASE IN S-ADENOSYLMETHIONINE (SAM) BIOSYNTHESIS DOWN-REGULATES LIPID-RAFT DEPENDENT TCR-MEDIATED SIGNALING AND INTERLEUKIN-2 (IL-2) EXPRESSION IN CD4+ T LYMPHOCYTES: RELEVANCE TO IMMUNE SUPPRESSION IN ALCOHOLIC PATIENTS
Swati Joshi-Barve, Dept. of Medicine, Univ. of Louisville School of Med., Louisville, KY USA
- 11:25 ALCOHOL INDUCES EFFECTS ON LIPID RAFTS IN MODULATION OF TOLL-LIKE RECEPTOR SIGNALING
Gyongyi Szabo, Dept. of Medicine, Univ. of Massachusetts Med. Ctr., Worcester, MA USA
- 11:50 DISCUSSANT
Gyongyi Szabo, Dept. of Medicine, Univ. of Massachusetts Med. Ctr., Worcester, MA USA

10:00am - 12noon

SYMPOSIUM

Constitution A

ALCOHOL AND RISK TAKING BEHAVIOR - A BI-DIRECTIONAL RELATIONSHIP

Organizers: Anna E. Goudriaan, Dept. of Psychiatry, Univ. of Amsterdam, Amsterdam, The Netherlands
and Joris C. Verster, Utrecht Univ., Section Psychopharmacology, Utrecht, The Netherlands
Chair: Kenneth J. Sher, Dept. of Psychological Sciences, Univ. of Missouri, Columbia, MO USA

- 10:00 INTRODUCTION
Joris C. Verster, Utrecht Univ., Section Psychopharmacology, Utrecht, The Netherlands
- 10:10 EFFECTS OF DIFFERENT ALCOHOL DOSAGES AND A SECONDARY TASK ON SIMULATED DRIVING PERFORMANCE
Joris C. Verster, Utrecht Univ., Section Psychopharmacology, Utrecht, The Netherlands
- 10:35 HEART RATE INCREASE TO ALCOHOL ADMINISTRATION AND VIDEO LOTTERY TERMINAL PLAY: IMPLICATIONS FOR UNDERSTANDING ALCOHOL-INDUCED RISK TAKING
Michael Ellery, Dept. of Psychology, Dalhousie Univ., Halifax, Nova Scotia, Canada
- 11:00 ALCOHOL SENSITIVITY, REACTIVITY TO ALCOHOL AND AROUSING CUES, AND ALCOHOL USE
Bruce D. Bartholow, Dept. of Psychological Sciences, Univ. of Missouri, Columbia, MO USA
- 11:25 DECISION-MAKING AND INHIBITION PREDICT HEAVY ALCOHOL USE IN A PROSPECTIVE STUDY OF COLLEGE STUDENTS
Anna E. Goudriaan, Dept. of Psychiatry, Univ. of Amsterdam, Amsterdam, The Netherlands
- 11:50 DISCUSSANT
Kenneth J. Sher, Dept. of Psychological Sciences, Univ. of Missouri, Columbia, MO USA

10:00am - 12noon

SYMPOSIUM

Franklin/McPherson

MECHANISMS OF CARCINOGENESIS RESULTING FROM ALCOHOL CONSUMPTION

Organizers/Chairs: P.J. Brooks, Lab of Neurogenetics, NIAAA/NIH, Rockville, MD USA
and Helmut K. Seitz, Ctr. of Alcohol Res., Liver Disease and Nutrition, Univ. of Heidelberg, Heidelberg, Germany

- 10:00 INTRODUCTION - ETHANOL AS A HUMAN CARCINOGEN
P.J. Brooks, Lab of Neurogenetics, NIAAA/NIH, Rockville, MD USA
- 10:10 ACETALDEHYDE AS A COMMON DENOMINATOR IN THE PATHOGENESIS OF UPPER DIGESTIVE TRACT CANCER
Mikko Salaspuro, Research Unit on Acetaldehyde and Cancer, Univ. of Helsinki, Helsinki, Finland
- 10:35 DNA ADDUCTS DERIVED FROM ALCOHOL METABOLISM AND THE PROTECTIVE ROLE OF DNA REPAIR AND DNA DAMAGE RESPONSE PATHWAYS
P.J. Brooks, Lab of Neurogenetics, NIAAA/NIH, Rockville, MD USA
- 11:00 ALCOHOL, ALCOHOL METABOLISM, AND DNA METHYLATION IN RELATION TO BREAST CANCER RISK
Jo Freudenheim, Dept. of Social and Preventive Medicine, State Univ. of New York, Buffalo, NY USA
- 11:25 MECHANISMS OF ALCOHOL-RELATED LIVER CARCINOGENESIS
Ivan Rusyn, Univ. of North Carolina, School of Public Health, Chapel Hill, NC USA
- 11:50 DISCUSSANT
Helmut K. Seitz, Ctr. of Alcohol Res., Liver Disease and Nutrition, Univ. of Heidelberg, Heidelberg, Germany

10:00am - 12noon

SYMPOSIUM

Constitution B

STRESS-INDUCED NEGATIVE AFFECT ASSOCIATED WITH WITHDRAWAL AND ABSTINENCE
FROM ETHANOL - CONTRIBUTING SITES AND MECHANISMS

Organizers/Chairs: George R. Breese, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA
and Rajita Sinha, Dept. of Psychiatry, Yale Univ. School of Medicine, New Haven, CT USA

- 10:00 INTRODUCTION
George R. Breese, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA
- 10:10 CHRONIC ALCOHOL-RELATED NEUROADAPTATION IN STRESS RESPONSES: EFFECTS ON COMPULSIVE ALCOHOL SEEKING
AND RELAPSE OUTCOME
Rajita Sinha, Dept. of Psychiatry, Yale Univ. School of Medicine, New Haven, CT USA
- 10:35 CHRONIC STRESS CHANGES THE POTENCY AND EFFICACY OF ETHANOL ON GABA-A RECEPTOR PLASTICITY AND FUNCTION
Mariangela Serra, Dept. of Experimental Biology, Univ. of Cagliari, Cagliari, Italy
- 11:00 REPEATED CRF AND CYTOKINE EXPOSURES PRIOR TO ETHANOL SUBSTITUTE FOR STRESS SENSITIZATION OF
WITHDRAWAL ANXIETY: SITES OF ACTION
George R. Breese, Bowles Ctr. for Alcohol Studies, Univ. of North Carolina, Chapel Hill, NC USA
- 11:25 NEUROKININ 1 (NK1) RECEPTOR BLOCKADE: A NOVEL ANTI-STRESS BASED MECHANISM FOR TREATMENT OF ALCOHOLISM
Markus A. Heilig, Lab of Clinical and Translational Studies, NIAAA/NIH, Bethesda, MD USA
- 11:50 DISCUSSANT
Antonio B. Noronha, Nat'l. Inst. on Alcohol Abuse and Alcoholism, NIH, Bethesda, MD USA

10:00am - 12noon

SYMPOSIUM

Independence BCD

ALCOHOL BIOMARKERS - GUIDELINES FOR THEIR MEASUREMENT AND USE

Organizers/Chairs: John Whitfield, Queensland Inst. of Medical Research, Brisbane, Queensland, Australia
and Anders Helander, Dept. of Clinical Neuroscience, Karolinska Inst., Stockholm, Sweden

- 10:00 INTRODUCTION
Anders Helander, Dept. of Clinical Neuroscience, Karolinska Inst., Stockholm, Sweden
- 10:10 WHAT DO I WANT TO KNOW ABOUT AN ALCOHOL-DEPENDENT PATIENT?
Stefan Borg, Ctr. for Dependency Disorders, Stockholm County Council, Stockholm, Sweden
- 10:35 TECHNICAL ISSUES IN CDT ASSAY AND CDT STANDARDIZATION
Francois Schellenberg, Lab. of Biochemistry, Trousseau Hospital, Tours, France
- 11:00 TEST-SENSITIVITY - WHICH PATIENTS DOES CDT WORK FOR?
John Whitfield, Queensland Inst. of Medical Research, Brisbane, Queensland, Australia
- 11:25 ETHYL GLUCURONIDE AND ETHYL SULFATE - ETHANOL METABOLITES AS MARKERS
Anders Helander, Dept. of Clinical Neuroscience, Karolinska Inst., Stockholm, Sweden
- 11:50 DISCUSSANT
John Whitfield, Queensland Inst. of Medical Research, Brisbane, Queensland, Australia

10:00am - 12noon

SYMPOSIUM

Farragut/LaFayette

METHYLATION REACTIONS IN ALCOHOL-MEDIATED ORGAN DAMAGE
Organizer/Chair: Kusum K. Kharbanda, Liver Study Unit., VA Med. Ctr., Omaha, NE USA
Co-Chair: Cheng Ji, Keck School of Med., Univ. of Southern California, Los Angeles, CA USA

- 10:00 INTRODUCTION
Samir Zakhari, NIAAA/NIH, Div. of Metabolism and Health Effects, Bethesda, MD USA
- 10:10 PROTEOMIC CHARACTERIZATION OF BOTH ALTERED PROTEIN LEVELS AND ISOASPARATE CARBOXYL METHYLATION IN A MODEL OF ALCOHOLIC LIVER DISEASE
Wayne G. Carter, Neuroscience Group, Univ. of Nottingham, Nottingham, United Kingdom
- 10:35 METHYLATION OF HISTONE BY ETHANOL
Shivendra Shukla, Dept. of Medical Pharmacology & Physiology, Univ. of Missouri, Sch. of Med., Columbia, MO USA
- 11:00 METHYL REGULATION OF ETHANOL INDUCED STEATOSIS IN CBS DEFICIENT MOUSE
Farah Esfandiari, Dept. of Internal Med., Univ. of California, Davis, CA USA
- 11:25 ETHANOL INHIBITS METHIONINE ADENOSYLTRANSFERASE II (MAT II) EXPRESSION AND S-ADENOSYLMETHIONINE (SAM) BIOSYNTHESIS AND ENHANCES ACTIVATION-INDUCED, FAS-MEDIATED APOPTOTIC DEATH OF T LYMPHOCYTES: RELEVANCE TO ALCOHOL INDUCED IMMUNE SUPPRESSION
Shirish Barve, Dept. of Internal Medicine, Univ. of Louisville School of Med., Louisville, KY USA
- 11:50 DISCUSSANT
Cheng Ji, Keck School of Med., Univ. of Southern California, Los Angeles, CA USA

10:00am - 12noon

SYMPOSIUM

Renwick/Bulfinch

APPROACHES AND POLICIES THAT MAY REDUCE ALCOHOL CONSUMPTION AND RELATED HARM:
EXPERIENCE FROM THE ASIA-PACIFIC REGION
Organizers/Chairs: Dongyul Oh, Dept. of Psychiatry, Myungji Hospital, Kwandong Univ., Seoul, Korea
and John B. Saunders, Alcohol and Drug Studies, Univ. of Sydney, Sydney, Australia

- 10:00 INTRODUCTION
John B. Saunders, Alcohol and Drug Studies, Univ. of Sydney, Sydney, Australia
- 10:10 ESTIMATION OF DRINKING-RELATED COST IN FIVE SITES IN CHINA
Wei Hao, Mental Health Inst., Central South Univ., Hunan, China
- 10:35 TRENDS IN ADOLESCENT ALCOHOL USE AND RELATED FACTORS IN JAPAN
Yoneatsu Osaki, Dept. of Social Med., Tottori Univ., Yonago, Tottori, Japan
- 11:00 CURRENT SITUATION OF ALCOHOL CONSUMPTION, POLICY AND PUBLIC RESPONSE IN THAILAND
Sawitri Assanangkornchai, Dept. of Psychiatry, Prince of Songkla Univ., Songkhal, Thailand
- 11:25 BIOMEDICAL RESEARCH IN THE AISA PACIFIC REGION CAN INFORM THE PREVENTION AND TREATMENT OF ALCOHOL-RELATED DISORDERS
Peter Dodd, School of Molecular and Microbial Sciences, Univ. of Queensland, Brisbane, Queensland, Australia
- 11:50 DISCUSSANT
Dongyul Oh, Dept. of Psychiatry, Myungji Hospital, Kwandong Univ., Seoul, Korea

12:15pm - 1:15pm

RSA RESEARCH PRIORITIES COMMITTEE MEETING - closed

Arlington

12:15pm - 1:15pm

RSA 2009 PROGRAM COMMITTEE MEETING - closed

Cabin John

12:15pm - 1:15pm

RSA EDUCATION COMMITTEE MEETING - closed

Roosevelt

1:00pm - 3:30pm

POSTER SESSION IV

Independence A

POSTER NUMBERS: 1-261 / ABSTRACTS NUMBERS - 781-1041
three 45-minute periods and 15-minutes for final unmanned viewing
(light refreshments)

3:30pm - 4:30pm

COGA STEERING COMMITTEE - closed

Wilson

4:30pm -

FREE AFTERNOON

7:00pm - midnight

RSA / ISBRA 2008 CLOSING CEREMONY AND AWARDS PRESENTATIONS

Independence A

Ticket Required

Dinner/Presentations: 7:00pm followed by Entertainment

AWARDS:

RSA 2008 Lifetime Achievement Award - Dr. Robert Voas
RSA 2008 Henri Begleiter Excellence in Research Award- Dr. Adolf Pfefferbaum
RSA 2008 Seixas Award - to be announced
RSA 2008 Journalism Award - Mr. Barrett Seamon
RSA 2008 Enoch Gordis Awards - to be announced
2008 James B. Isaacson Award - Prof. Rainer Spanagel
ISBRA 2008 Founder's Award - to be announced
2008 Jellinek Award - to be announced

RSA / ISBRA MEETING ADJOURNED