



European Society for Biomedical Research on Alcoholism

13th Congress of ESBRA September 4-7, 2011 • Vienna, Austria

ESBRA 2011

September 4 – 7, 2011 • Vienna, Austria

Final Programme

Programme

| SUNDAY, SEPTEMBER 4 | | | | | |
|---------------------|--|--|--|--|---------------------------------|
| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 | Gruppenraum 04A |
| 12:00 – 14:00 | | | | | Board Meeting 1 ESBRA |
| 14:00 – 15:30 | <p>Free Oral Communications 1 Alcohol and Health</p> <p>Chair: Jerzy Samochowiec, Poland Robert Swift, United States</p> <p>O1.1 The Role of the NIH in Response to the Global Burden of Alcohol and Health: Opportunities for U.S./European Collaboration <i>Margaret Murray, United States</i></p> <p>O1.2 Too white, too cheap, too fast: Is health damage caused by alcohol partly attributable to low cost which permits rapid consumption of beverages lacking antioxidants? <i>Jonathan Chick, United Kingdom</i></p> <p>O1.3 Binge Drinking in native adolescents and adolescents with migration background living in Germany <i>Thomas Hillemacher, Germany</i></p> <p>O1.4 Adaptation of the Alcohol Expectancy Questionnaire (AEQ-A): for use among adolescents in Portugal <i>Teresa Barroso, Portugal</i></p> <p>O1.5 The impact of temperament, attention deficit hyperactivity disorder and psychosocial factors on substance use and the motivation to consume in young adult males <i>Anita Riegler, Austria</i></p> <p>O1.6 Inpatient detoxification and law enforcement costs related to acute drinking event <i>Mihajlo B. Jakovljevic, Serbia</i></p> | <p>Free Oral Communications 2 Alcohol and Liver – Clinical Research</p> <p>Chair: Giovanni Addolorato, Italy Tomáš Zima, Czech Republic</p> <p>O2.1 Rapid decline of liver stiffness with alcohol withdrawal in heavy drinkers <i>Jean-Baptiste Trabut, France</i></p> <p>O2.2 Is histology the ‘adequate’ gold standard to validate the assessment of alcoholic liver fibrosis by transient elastography (Fibroscan)? <i>Sebastian Mueller, Germany</i></p> <p>O2.3 Role of intestinal permeability and inflammation in the biological and behavioral control of alcohol-dependent subjects <i>Sophie Leclercq, Belgium</i></p> <p>O2.4 The loss of metabolic control on alcohol drinking in heavily drinking alcoholics <i>Philippe de Timary, Belgium</i></p> <p>O2.5 Specificity of macrostructural abnormalities in Korsakoff’s syndrome compared with uncomplicated alcoholism <i>Anne Lise Pitel, France</i></p> <p>O2.6 Cytochrome P450 2E1 as an important factor of hepatic steatosis and fibrosis in patients with alcoholic and non-alcoholic fatty liver disease <i>Helmut Seitz, Germany</i></p> | <p>Free Oral Communications 3 Alcohol – Brain – From Basic to Clinical Research</p> <p>Chair: Giancarlo Colombo, Italy Werner Sieghart, Austria</p> <p>O3.1 Comparison of the effect of the GABA(B) receptor agonist, baclofen, on alcohol self-administration in three different lines of alcohol-preferring rats <i>Giancarlo Colombo, Italy</i></p> <p>O3.2 Comparison of the effect of the positive allosteric modulator of the GABA(B) receptor, GS39783, on alcohol self-administration in three different lines of alcohol-preferring rats <i>Paola Maccioni, Italy</i></p> <p>O3.3 Oxidative theory of structure-specific action of alcohol in brain <i>Sergey Zimatkin, Belarus</i></p> <p>O3.4 Involvement of chromatin remodelling in the development of ethanol-induced behavioral sensitization <i>Rémi Legastelois, France</i></p> <p>O3.5 Interpretation of the carbohydrate-deficient transferrin (CDT) assay of cirrhotic patients <i>Philippe Gonzalo, France</i></p> <p>O3.6 Frontal Lobe Function in Alcoholics Classified According to Lesch’s Typology <i>Ester M. Nakamura-Palacios, Brazil</i></p> | <p>WS 1 Bipolar diseases and alcohol dependence-how to treat <i>Andreas Erfurth, Austria</i></p> | |

SUNDAY, SEPTEMBER 4 (cont.)

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 | Gruppenraum 04A |
|---------------------|--|----------------|----------------|---------------|--|
| 15:30 – 16:00 | Opening Ceremony | | | | |
| 16:00 – 17:00 | PL I Chair: Giancarlo Colombo, Italy Epigenetics in alcohol addiction: new mechanisms for new treatments? <i>Mickaël Naassila, France</i> | | | | |
| 17:00 – 18:30 | SAT 1 - Satellite Symposium (Lundbeck) Merging neurobiological evidence and clinical practice in the management of alcohol dependence Chair: Mark Sobell, United States New findings on neurobiology of addiction <i>Falk Kiefer, Germany</i> Reduction of alcohol intake as a productive and achievable goal in the treatment of alcohol problems <i>Mark Sobell, United States</i> The benefits of reduction <i>Henri-Jean Aubin, France</i> | | | | 17:00 – 18:30 Board Meeting 2 ESBRA |
| 18:30 – 19:30 | Get Together and Exhibition Opening | | | | |

MONDAY, SEPTEMBER 5

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|--|---|--|
| 08:30 – 10:00 | <p>S01 Alcohol use disorder DSM V draft criteria: development and applicability in adolescent and adult samples Chair: Victor Hesselbrock, United States Ulrich Preuss, Germany</p> <p>S01.1 DSM V development and applicability to adolescent/young adult populations <i>Kathleen Bucholz, United States</i></p> <p>S01.2 Predictors of continued DSM-V alcohol dependence into early adulthood <i>Victor Hesselbrock, United States</i></p> <p>S01.3 The craving-withdrawal model for alcoholism: towards the DSM V <i>Carla Hagestein-de Bruijn, Netherlands</i></p> <p>S01.4 Potential diagnostic thresholds and severity of DSM V alcohol use disorders <i>Ulrich Preuss, Germany</i></p> | <p>S02 Alcohol and the Kidney Chair: Tomáš Zima, Czech Republic Eberhard Ritz, Germany</p> <p>S02.1 Health aspects of alcohol consumption, is the kidney also among the victims? <i>Eberhard Ritz, Germany</i></p> <p>S02.2 Alcohol consumption and risk of chronic kidney disease - an overview <i>Elke S. Schaeffner, Germany</i></p> <p>S02.3 Alcohol and the risk of renal cell cancer <i>Leendert Schouten, Netherlands</i></p> | <p>S03 Neurophysiology of acetaldehyde: from channels to behaviour Chair: Marco Diana, Italy Thomas Weiger, Austria</p> <p>S03.1 Acetaldehyde and Ethanol Interactions on Calcium-activated Potassium (BK) Channels in Pituitary (GH3/GH4) Cells <i>Astrid Handlchner, Austria</i></p> <p>S03.2 Ethanol, Acetaldehyde and dopamine neurons <i>Marco Diana, Italy</i></p> <p>S03.3 Brain mapping of cFos immunoreactivity after central and peripheral administration of ethanol and acetaldehyde in rats <i>Mercè Correa, United States</i></p> <p>S03.4 Overview of the behavioral effects of acetaldehyde <i>Etienne Quertemont, Belgium</i></p> | <p>WS 2 Alcohol and smoking – New therapeutic strategies <i>Gerhard A. Wiesbeck, Switzerland</i></p> |
| 10:00 – 10:30 | Coffee Break | | | |
| 10:30 – 11:30 | <p>PL II Chair: Helmut Seitz, Germany Alcoholic liver disease - state of the art <i>Ramon Bataller, Spain</i></p> | | | |

MONDAY, SEPTEMBER 5 (cont.)

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|---|--|---|
| 11:30 – 13:00 | <p>S04 Alcohol Problems in young adults transitioning from adolescence to adulthood: race, gender, and translational findings Chair: Cindy Ehlers, United States Fabio Caputo, Italy</p> <p>S04.1 Identifying substrates of the neurotoxic effects of ethanol exposure during adolescence in rats <i>Cindy Ehlers, United States</i></p> <p>S04.2 Adolescent Intoxication and Alcohol-Related Complications in American Indian and Mexican American Young Adults <i>David Gilder, United States</i></p> <p>S04.3 Gender and Ethnic Comparison of the Development of Problem Drinking Among Young Adults <i>Michie Hesselbrock, United States</i></p> <p>S04.4 Deviance Proneness as a Model of Alcoholism Risk <i>Victor Hesselbrock, United States</i></p> | <p>S05 Alcohol and Inflammation Chair: Gunda Millonig, Germany Helmut Seitz, Germany</p> <p>S05.1 The role of cytokines in alcoholic steatohepatitis <i>Herbert Tilg, Austria</i></p> <p>S05.2 Hepatoprotection and immune response towards monotherapy and combination therapy with antibodies to TNFα in experimental alcoholic steatohepatitis <i>Vyacheslav Buko, Belarus</i></p> <p>S05.3 Iron metabolism and alcoholic liver disease <i>Kostas Pantopoulos, Canada</i></p> <p>S05.4 H2O2 - a link between inflammation and iron metabolism <i>Gunda Millonig, Germany</i></p> | <p>S06 Role of innate immune system in the ethanol-induced brain damage, behavioural dysfunctions and addiction Chair: Consuelo Guerri, Spain Fulton Crews, United States</p> <p>S06.1 Binge drinking induces significant changes in the innate immune system <i>Roberta Ward, Belgium</i></p> <p>S06.2 The NF-kappaB system in transcriptional control of maladaptive and protective responses in human alcoholics <i>Georgy Bakalkin, Sweden</i></p> <p>S06.3 Role of the TLR4 response in the neuroinflammation, brain damage and behavioural dysfunctions induced by chronic ethanol consumption <i>Consuelo Guerri, Spain</i></p> <p>S06.4 Induction of innate immune genes by ethanol creates the neurobiology of addiction <i>Fulton Crews, United States</i></p> | <p>WS 3 supported by To Acute therapy of alcohol addiction – Cut-down-drinking with Naltrexone <i>Henriette Walter, Austria</i></p> |
| 13:00 - 13:30 | Lunch Break | | | |
| 13:30 – 15:00 | <p>SAT 2 - Satellite Symposium (D&A) Treatment of alcohol addiction - how to use Sodium Oxibate? Chair: Victor Hesselbrock, United States Stefan Borg, Sweden</p> <p>Why do we need better medical treatments in alcohol dependence? <i>Stefan Borg, Sweden</i></p> <p>Neurobiology of GHB in relation to alcohol dependence <i>Boris Tabakoff, United States</i></p> <p>Scientific results and clinical practice with Sodium Oxibate in alcohol withdrawal <i>Otto Lesch, Austria</i></p> <p>Scientific results and clinical practice with Sodium Oxibate in prevention of alcohol relapses <i>Giovanni Addolorato, Italy</i></p> | | | |
| 15:00 – 16:00 | Poster Session I | | | |
| 16:00 - 16:30 | Coffee Break | | | |

MONDAY, SEPTEMBER 5 (cont.)

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|---|---|--|
| 16:30 – 18:00 | <p>S07 Combined dependence from alcohol and tobacco: Interactions and clinical implications Chair: Gerhard Wiesbeck, Switzerland Manfred Singer, Germany</p> <p>S07.1 The impact of smoking and alcohol on acute and chronic pancreatitis in the western world <i>Roland Pfützner, Germany</i></p> <p>S07.2 The impact of smoking on the course of alcohol dependence <i>Norbert Wodarz, Germany</i></p> <p>S07.3 Smoking cessation in alcohol-dependent patients: Results from a randomized, controlled trial <i>Sandra Müller, Switzerland</i></p> <p>S07.4 Pancreatic cancer: alcohol and nicotine as risk factors <i>Stephan Haas, Sweden</i></p> | <p>S08 - ESBRA / NIAAA Joint Symposium Alcoholic Liver Disease: From Pathogenesis to Treatment Chair: Helmut K. Seitz, Germany Sam Zakhari, United States</p> <p>S08.1 Increasing burden of alcoholic liver disease 2011 <i>Helena Cortez-Pinto, Portugal</i></p> <p>S08.2 Risk factors for alcoholic liver disease <i>Felix Stickel, Switzerland</i></p> <p>S08.3 Immunologic factors in ALD <i>Gyongyi Szabo, United States</i></p> <p>S08.4 The role of progenitor cells in alcoholic liver disease <i>Anna Mae Diehl, United States</i></p> <p>S08.5 Fibrogenesis in alcoholic liver disease: possible therapeutic options <i>Scott Friedman, United States</i></p> <p>S08.6 Non-invasive diagnosis of ALD: the role of transelastography <i>Sebastian Mueller, Germany</i></p> | <p>S09 Alcoholism: transcriptional / epigenetic adaptations in animal and human brain Chair: Georgy Bakalkin, Sweden Dipak Sarkar, United States</p> <p>S09.1 Epigenetic basis for anxiety and alcoholism <i>Subhash Pandey, United States</i></p> <p>S09.2 Dysregulation of gene expression in glutamatergic neurons and altered response to alcohol in the infralimbic region following a history of dependence <i>Wolfgang Sommer, Germany</i></p> <p>S09.3 Fetal alcohol-induced hypermethylation of proopiomelanocortin gene in the hypothalamus transmits through germline <i>Dipak Sarkar, United States</i></p> <p>S09.4 Epigenetic mechanisms in the brain of human alcoholics: adaptations in the opioid genes <i>Georgy Bakalkin, Sweden</i></p> | <p>WS 4 Relapse prevention in alcohol dependence <i>Bankole Johnson, United States</i> <i>Otto Lesch, Austria</i></p> |
| 18:00 – 19:30 | <p>Free Oral Communication 4 Alcohol Dependence – Treatment Approaches Chair: Jonathan Chick, United Kingdom Nassima Ait-Daoud Tiouririne, United States</p> <p>O4.1 Effectiveness of stimulant medication in fetal alcohol spectrum disorders <i>Edward Riley, United States</i></p> <p>O4.2 Neurocognitive factors moderate the effectiveness of group motivational enhancement therapy among high risk adolescents <i>Angela Bryan, United States</i></p> <p>O4.3 Serotonergic, dopaminergic and noradrenergic functions in alcohol-dependent individuals <i>Kristina Berglund, Sweden</i></p> <p>O4.4 A Practical Scale of Clinical Impression as Basis for Treatment Decisions and Long Term Follow-Ups of Addicted Patients <i>Albrecht Ulmer, Germany</i></p> <p>O4.5 Acamprosate for improving controlled drinking: Impact of treatment duration on therapy success <i>Philippe Leher, Belgium</i></p> <p>O4.6 Alcoholism effects on different components of Theory of Mind <i>Hélène Beaunieux, France</i></p> | | <p>General Assembly ESBRA</p> | <p>WS 5 "Struktur" - A therapeutic strategy for Type IV alcohol addicts - what we learn from homeless shelters <i>Christian Wetschka, Austria</i> <i>Iannis Mouzas, Greece</i></p> |
| 20:00 | Gala Dinner at City Hall | | | |

TUESDAY, SEPTEMBER 6

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|--|--|---|
| 08:15 – 09:00 | <p>Charles LIEBER Memorial Lecture Chair: Helmut Seitz, Germany</p> <p><i>Manuela Neuman, Canada</i></p> | | | |
| 09:00 – 10:30 | <p>S10 Addictive behaviour: new findings from appetite regulating peptides, the hypothalamus-pituitary-adrenal and the -gonadal axis Chair: Annemarie Heberlein, Germany Bernd Lenz, Germany</p> <p>S10.1 The role of the central ghrelin system in reward from addictive drugs <i>Elisabet Jerlhag, Sweden</i></p> <p>S10.2 Appetite regulating peptides: Adiponectin and Resistin in patients with alcohol dependence <i>Christian Weinland, Germany</i></p> <p>S10.3 The role of ethanol as a stress/HPA axis challenge and its modulation of neurosteroid levels and neurosteroidogenic enzymes in C57BL/6J and DBA/2J mice <i>Patrizia Porcu, Italy</i></p> <p>S10.4 Interactions between the HPA- and the HPG-axis - relevance for craving in alcohol withdrawal? <i>Marc Muschler, Germany</i></p> | <p>S11 Alcohol and the Heart Chair: Joaquim Fernandez-Sola, Spain Iannis Mouzas, Greece</p> <p>S11.1 Clinical overview of Alcohol effects on the heart <i>Jutta Bergler-Klein, Austria</i></p> <p>S11.2 Alcohol induces cardiac myocyte death and decreases regeneration <i>Joaquim Fernandez-Sola, Spain</i></p> <p>S11.3 Molecular mechanism of alcohol-induced cardiac damage <i>Gyorgy Hajnoczky, United States</i></p> <p>S11.4 Wine, beer and cardiovascular disease <i>Ramon Estruch, Spain</i></p> | <p>Free Oral Communication 5 Alcohol related Liver Diseases – Biological Markers Chair: Christer Alling, Sweden Rainer Schmid, Austria</p> <p>O5.1 The cytochrome P450 2E1 inhibitor chlormethiazole inhibits hepatic ethanol mediated carcinogenesis induced by diethylnitrosamine <i>Helmut Seitz, Germany</i></p> <p>O5.2 Betaine feeding prevents the blood alcohol cycle in rats fed alcohol continuously for 1 month using the intragastric tube feeding model <i>Samuel French, United States</i></p> <p>O5.3 Bone loss in alcohol abuse is associated with osteocyte apoptosis, bone marrow and micro-vessels fat incorporation <i>Delphine B. Maurel, France</i></p> <p>O5.4 Alcohol intoxications during adolescence increase motivation for alcohol in adult rats <i>Mickael Naassila, France</i></p> <p>O5.5 Phosphatidylethanol in blood (B-PEth) as a clinical alcohol marker <i>Lisa Walther, Sweden</i></p> <p>O5.6 Prolonged urinary detection times of EtG and EtS in patients with decreased renal function <i>Gudrun Hoiseth, Norway</i></p> | <p>WS 6 Merc Acamprosate: Clinical benefit of Glutamate modulation Chair: Mauro Ceccanti, Italy</p> <p>Effect of acamprosate on neuronal hyperexcitability <i>Phillippe De Witte, Belgium</i></p> <p>Sleep disturbances in abstinent patients <i>Pascal Perney, France</i></p> <p>Alteration of balance glutamate-GABA after alcohol withdrawal in patients seen in emergency <i>Georges Brousse, France</i></p> |
| 10:30 – 11:00 | Coffee Break | | | |
| 11:00 – 12:00 | <p>PL III Chair: Jonathan Chick, United Kingdom</p> <p>Medical Treatment <i>Bankole Johnson, United States</i></p> | | | |
| 12:00 – 12:30 | Lunch Break | | | |

TUESDAY, SEPTEMBER 6 (cont.)

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|---|---|--|
| 12:30 – 14:00 | <p>S12 – Young Researcher Symposium I Alcohol dependence: new findings from the hpa and the hpg axis Chair: Bernd Lenz, Germany Sergey Pronko, United States</p> <p>S12.1 Role of adenylyl cyclase type 7 in HPA axis activation during ethanol intoxication, alcohol dependence and depression <i>Sergey Pronko, United States</i></p> <p>S12.2 Glucocorticoids and Alcohol: the role of cortisol in drinking behaviours, alcohol-related impairment, and treatment efficacy <i>Abi Rose, United Kingdom</i></p> <p>S12.3 The effect of nandrolone on alcohol drinking in AA and Wistar rats <i>Tiina Etelälahti, Finland</i></p> <p>S12.4 Pre- and postnatal sex hormone action in alcohol dependence - human association studies <i>Bernd Lenz, Germany</i></p> | <p>S13 Noninvasive screening for liver cirrhosis in addictive patients Chair: Sebastian Mueller, Germany Laurent Sandrin, France</p> <p>S13.1 Is liver stiffness the novel gold standard to assess liver cirrhosis? <i>Sebastian Mueller, Germany</i></p> <p>S13.2 How useful are serum markers to detect liver cirrhosis in addictive patients? <i>Giada Sebastiani, Italy</i></p> <p>S13.3 Screening for cirrhosis in drug users by liver stiffness measurement <i>Peer Brehm Christensen, Denmark</i></p> <p>S13.4 Measuring liver stiffness in a community-based population: Is liver cirrhosis an epidemic plaque? <i>Dominique Roulot, France</i></p> | <p>S14 Identification of neuroinflammation in the brain in vivo and in vitro and therapeutic strategies to combat its progression Chair: Philippe de Witte, Belgium Roberta Ward, Belgium</p> <p>S14.1 Inflammatory processes in neurodegenerative diseases <i>Rorbert Crichton, Belgium</i></p> <p>S14.2 Imaging neuroinflammation in alcoholism <i>Nicky Kalk, United Kingdom</i></p> <p>S14.3 Can peripheral markers indicate neuroinflammation? <i>Roberta Ward, Belgium</i></p> <p>S14.4 Strategies for therapeutic intervention to diminish neuroinflammation <i>Fulton Crews, United States</i></p> | <p>WS 7 Thermofischer Scientific Ethyl Glucuronide – What can this Biomarker tell us about Ethanol Intake? Chair: Friedrich Martin Wurst, Austria Otto Lesch, Austria</p> |
| 14:00 – 15:00 | Poster Session II | | | |
| 15:00 – 16:30 | <p>S15 – ESBRA / ISBRA Joint Symposium Imaging in alcohol research Chair: Philippe de Witte, Belgium Karl Mann, Germany</p> <p>S15.1 The role of functional neuroimaging in the choice of treatment for alcoholics <i>Karl Mann, Germany</i></p> <p>S15.2 The dopamine D2/3 receptor agonist radioligand [11C]-(+)-PHNO as a tool for studying alcohol dependence in humans <i>Matthäus Willeit, Austria</i></p> <p>S15.3 Multi-modality imaging assessment of Alcoholism’s damaging effect on the brain: Systems and circuitry <i>Sandra Marie-Pierre Chanraud, United States</i></p> <p>S15.4 Transient Elastography in the diagnosis of alcoholic fibrosis <i>Sebastian Mueller, Germany</i></p> | <p>S16 Alcoholic liver disease and liver transplantation Chair: Felix Stickel, Switzerland Michael Trauner, Austria</p> <p>S16.1 Liver transplantation for alcoholic liver disease - time trends and outcome <i>Ramon Bataller, Spain</i></p> <p>S16.2 Evaluation of alcoholics as possible candidates for liver transplantation <i>Martin Phillips, United Kingdom</i></p> <p>S16.3 Relapse of harmful drinking in liver-transplanted alcoholics: risk stratification and challenge to the 6-months rule <i>Michael Soyka, Switzerland</i></p> <p>S16.4 Early liver transplantation as a rescue option for patients with severe alcoholic hepatitis non-responsive to therapy: a change of paradigms? <i>Christophe Moreno, Belgium</i></p> | <p>S17 Alcohol and GABAA receptors Chair: Esa Korpi, Finland Werner Sieghart, Austria</p> <p>S17.1 Extrasynaptic GABAA-Rs: Pharmacology and Regulation of Gene Expression <i>Neil Harrison, United States</i></p> <p>S17.2 Role of delta subunit-containing GABAA-Rs in low dose ethanol actions on the brain <i>Richard Olsen, United States</i></p> <p>S17.3 The role of GABAA-R subtypes in putative alcohol-antagonistic effects of Ro15-4513 <i>Esa Korpi, Finland</i></p> <p>S17.4 Protein kinase C regulation of ethanol actions at GABAA-R <i>Robert Messing, United States</i></p> | <p>WS 8 Gambling and alcohol dependence - diagnoses and special psychotherapeutic and medical treatments <i>Stefan Bleich, Germany</i></p> |

| TUESDAY, SEPTEMBER 6 (cont.) | | | | |
|------------------------------|--|---|---|---|
| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
| 16:30 – 17:00 | Coffee Break | | | |
| 17:00 – 19:00 | <p>S18 Lesch Typology (LAT) - from basic research to treatment</p> <p>Chair: Andreas Erfurth, Austria Henriette Walter, Austria</p> <p>S18.1 LAT and temperaments - their role in etiology, course and treatment <i>Andreas Erfurth, Austria</i></p> <p>S18.2 LAT - new research data <i>Henriette Walter, Austria</i></p> <p>S18.3 Prefrontal cortex neuromodulation induced by transcranial Direct Current Stimulation as a promising approach in the treatment of Lesch's type IV alcoholism <i>Ester M. Nakamura-Palacios</i></p> <p>S18.4 Lesch Types III and IV in opiate addicts <i>Peter Hermann, Austria</i></p> <p>S18.5 New genetic findings according to Lesch Typology <i>Boris Tabakoff, United States</i></p> | <p>S19 - ESBRA / EASL Joint Symposium Current Therapy of Patients with alcoholic liver disease</p> <p>Chair: Ramon Bataller, Spain Helmut Seitz, Germany</p> <p>S19.1 Therapy of alcohol addiction <i>Stefan Bleich, Germany</i></p> <p>S19.2 Therapeutic approaches to extrahepatic alcohol associated diseases <i>Joaquim Fernandez-Sola, Spain</i></p> <p>S19.3 Therapy of alcoholic liver disease 2011 <i>Philippe Mathurin, France</i></p> <p>S19.4 Possible targeted therapy of alcoholic liver disease in the future <i>Ramon Bataller, Spain</i></p> <p>S19.5 Alcohol and carcinogenesis <i>Jan McKillop, United States</i></p> | <p>S20 – ESBRA / AASPAR Joint Symposium Morphological and functional and alterations in the brain of alcoholics</p> <p>Chair: Giancarlo Colombo, Italy Peter Dodd, Australia</p> <p>S20.1 Pharmacokinetics and the brain hemodynamic and subjective perception effects of acetaldehyde in heterozygous ALDH2*1/*2 alcoholics <i>Shih-Jiun Yin, Taiwan</i></p> <p>S20.2 The possible therapeutic approach for amelioration of alcohol-induced brain damage <i>Eri Hashimoto, Japan</i></p> <p>S20.3 Chronic alcohol intake causes neuroinflammation and myelin alterations in mouse brain <i>Consuelo Guerri, Spain</i></p> <p>S20.4 Synaptic dysfunction in the brain of the human alcoholic <i>Peter R. Dodd, Australia</i></p> <p>S20.5 Prolonged changes in the CNS during alcohol abstinence <i>Hilary Little; United Kingdom</i></p> | <p>WS 9 G&L Pharma</p> <p>The danger of habit formation in pain therapy <i>Ilias Wilfried, Austria</i></p> |
| From 20:30 | Concert in the Museum of Fine Arts | | | |

WEDNESDAY, SEPTEMBER 7

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|--|---|---|--|
| 08:30 – 10:00 | <p>S21 Genetic differences at the serotonin transporter gene promise a pharmacogenetic approach to the use of ondansetron with and without other agents to treat alcoholism</p> <p>Chair: Giovanni Addolorato, Italy Bankole Johnson, United States</p> <p>S21.1 Endophenotype, clinical, and molecular studies of alcohol dependence: findings from candidate gene studies <i>Nassima Ait-Daoud Tiouririne, United States</i></p> <p>S21.2 The effects of ondansetron, sertraline, and the 5?-HTTLPR polymorphisms on naturalistic and laboratory alcohol consumption in non-treatment-seeking, alcohol-dependent subjects <i>Robert Swift, United States</i></p> <p>S21.3 Pharmacogenetic approach at the serotonin transporter gene as a method to reduce severe alcohol consumption <i>Bankole Johnson, United States</i></p> <p>S21.4 Severity of drinking as a predictor of efficacy of the combination of ondansetron and topiramate in rat models of ethanol consumption and relapse <i>Wendy Lynch, United States</i></p> | <p>S22 - Young Researcher Symposium II Pathogenetic mechanisms of alcoholic associated organ injury</p> <p>Chair: Gunda Millonig, Germany Joaquim Fernandez-Sola, Spain</p> <p>S22.1 Iron metabolism in patients with ALD <i>Gunda Millonig, Germany</i></p> <p>S22.2 High concentration of carcinogenic acetaldehyde in fermented dairy products with and without probiotics <i>Satu Väkeväinen, Finland</i></p> <p>S22.3 Transforming growth factor (TGF)-β and ethanol: a deadly combination for hepatocytes <i>Katja Breitkopf-Heinlein, Germany</i></p> <p>S22.4 ALDH2 genotype has no significant effect on oral cavity's exposure to carcinogenic acetaldehyde after rinsing the mouth with ethanol <i>Mikko Salaspuro, Finland</i></p> <p>S22.5 Association between a polymorphism in the promoter of a glutamate receptor subunit gene (GRIN2A) and alcoholism <i>Lisa Blecha, France</i></p> | <p>Free Oral Communication 6 Alcohol & Pregnancy</p> <p>Chair: Fabio Caputo, Italy Andreas Erfurth, Austria</p> <p>O6.1 Influence of age and sex on alcohol tolerance in adolescent binge drinkers <i>Ulrich Zimmermann, Germany</i></p> <p>O6.2 Pregnant women who completely disavow alcohol consumption and drink during pregnancy might be heavier drinkers than those admitting moderate ethanol intake <i>Pascal Burger, Germany</i></p> <p>O6.3 Unexpected facilitation of hippocampal long term depression of synaptic plasticity after pre- and postnatal ethanol exposure <i>Olivier Pierrefiche, France</i></p> <p>O6.4 Formic acid, the toxic metabolite of methanol, is toxic to the placenta <i>Bhushan Kapur, Canada</i></p> <p>O6.5 Pregnancy proteins in non-pregnant alcoholics - A pilot study <i>Tomáš Zima, Czech Republic</i></p> <p>O6.6 HPLC evaluation of serum Carbohydrate-Deficient Transferrin (CDT) and more sialylated transferrin glycoforms in children <i>Vincenza Bianchi, Italy</i></p> | <p>WS 10 Treatment of alcohol dependent patients in a specialized praxis <i>Albrecht Ulmer, Germany</i> <i>Henriette Walter, Austria</i></p> |
| 10:00 – 10:45 | <p>PL IV</p> <p>Chair: Boris Tabakoff, United States</p> <p>Does addiction research need a paradigm shift? <i>Otto Lesch, Austria</i></p> | | | |
| 10:45 – 11:15 | Coffee Break | | | |

WEDNESDAY, SEPTEMBER 7 (cont.)

| | Lecture Hall 1 | Lecture Hall 2 | Lecture Hall 3 | Course Room 9 |
|---------------------|---|--|---|--|
| 11:15 – 12:45 | <p>S23 Neurobiological endophenotypes in alcohol dependence Chair: Jerzy Samochowiec, Poland Marcin Wojnar, Poland</p> <p>S23.1 Genetic determinants of alcohol addiction: searching for an endophenotype associated with sweet liking in population of families with history of alcohol addiction <i>Jerzy Samochowiec, Poland</i></p> <p>S23.2 Influence of candidate gene variants on early onset of drinking and alcohol dependence pertaining to alcohol dependence family history <i>Ulrich Preuss, Germany</i></p> <p>S23.3 Impulsive behavior in alcohol dependence - is it genetically determined? <i>Marcin Wojnar, United States</i></p> <p>S23.4 In a search of alcoholism phenotypes: typologies <i>Boguslaw Habrat, Poland</i></p> <p>S23.5 Baclofen for the Treatment of Alcohol Dependence <i>Andreas Heinz, Germany</i></p> | <p>S24 S-adenosylmethionine in the pathogenesis and treatment of alcoholic liver disease Chair: Charles Halsted, United States Kusum Kharbanda, United States</p> <p>S24.1 The role of altered SAME metabolism in alcohol-induced ER stress and liver injury <i>Cheng Ji, United States</i></p> <p>S24.2 Rescue of altered methylation reactions by betaine: a therapeutic approach for the treatment of alcoholic liver injury <i>Kusum Kharbanda, United States</i></p> <p>S24.3 Role of SAME in hepatocellular carcinoma <i>Maria Luz Martinez-Chantar, Spain</i></p> <p>S24.4 The effects of SAME on methionine metabolism and treatment of ALD <i>Valentina Medici, United States</i></p> | <p>Free Oral Communication 7 Subgroups of Alcohol Dependence and their Special Treatment Chair: Sonya Toteva, Bulgaria Phillipe Leher, Belgium</p> <p>O7.1 Alcohol Dependence: Linking Genes With Intermediate Neurobiological Phenotypes <i>Kent Hutchison, United States</i></p> <p>O7.2 Significance of alcohol use disorders in binge eating disorder: a controlled study of co-morbidity <i>Carlos Grilo, United States</i></p> <p>O7.3 Improvements in balance in Type I but not in Type IV alcohol dependent patients after detoxification <i>Vasil P. Jenkov, Bulgaria</i></p> <p>O7.4 Treatment of Alcohol Withdrawal Syndrome With the Use of Body Acupuncture according to the Lesch Alcoholism Typology <i>Sonya Toteva, Bulgaria</i></p> <p>O7.5 Does acamprosate improve control of drinking as well as aiding abstinence? An Individual Patient Data meta-analysis of 16 studies <i>Phillipe Leher, Belgium</i></p> <p>O7.6 Influence of candidate gene variants on early onset of drinking and alcohol dependence pertaining to alcohol dependence family history <i>Ulrich Preuss, Germany</i></p> | <p>Board Meeting Journal Alcohol and Alcoholism 12:00-13:00</p> |
| 12:45 – 13:15 | Closing & Award Ceremony | | | |