

## Matisse 1

**11:00 - 13:00** ESBRA Board meeting

## Main hall

**13:00 - 14:00** REGISTRATION

## Auditorium Pasteur

**14:00 - 14:20** OPENING CEREMONY

**14:20 - 15:10** INVITED TALK (Chair: NAASSILA Mickael)

- The gut microbiota, the inflammation and the brain in alcohol-use-disorders  
*DE TIMARY Philippe (Department of Adult Psychiatry, Institute of Neuroscience, Brussels, Belgium)*

**15:10 - 16:40** SYMPOSIUM (Co-chairs: LAWRENCE Andrew J., CICCOCIOPPO Roberto)

### GPCRs & Alcohol-Seeking

*LAWRENCE Andrew (Florey Institute of Neuroscience & Mental Health)*

- New lines of experimental evidence on the reducing effects of positive allosteric modulators of the GABAB receptor on alcohol-motivated behaviors  
*Giancarlo Colombo and Paola Maccioni (Neuroscience Institute, Section of Cagliari, National Research Council of Italy, Monserrato (CA), Italy)*
- Loss of control over alcohol drinking behaviour is linked to persistent changes in the dopaminergic and opioidergic systems  
*Valentina Vengeliene, Rainer Spanagel, Anita C Hansson (for VV: Department of Neurobiology and Biophysics, Institute of Biosciences, Life Sciences Center, Vilnius University, Vilnius, Lithuania; for RS and ACH: Institute of Psychopharmacology, Central Institute of Mental Health, Faculty of Medicine Mannheim, Heidelberg University, Germany)*
- The role of Nociceptin/orphanin FQ NOP receptor system in alcohol abuse  
*Roberto Ciccocioppo, Anna Maria Borruto, Yannick Fotio, Alice Ilari, Michele Petrella, Alessio Masi, Nazzareno Cannella (University of Camerino, School of Pharmacy, Pharmacology Unit, Camerino, Italy); Friedbert Weiss (The Scripps Research Institute, Department of Neuroscience, La Jolla, USA)*
- Muscarinic acetylcholine receptors in alcohol use disorder  
*WALKER Leigh (Florey Institute of Neuroscience and Mental Health)*

**16:40 - 17:00** COFFEE BREAK

**17:00 - 18:30 YOUNG INVESTIGATOR SYMPOSIUM (Co-chairs: COLOMBO Giancarlo, ADDOLORATO Giovanni)**

- Nicotine increases alcohol self-administration via  $\mu$ -opioid receptor activity in the ventral tegmental area  
*DOMI Esi (Center for Social and Affective Neuroscience, IKE, Linköping University, Linköping, Sweden)*
- Unveiling the alcohol-dependent alterations of local translation in the prefrontal cortex during adolescence  
*LAGUESSE Sophie (University of Liege)*
- Opposing effects of the hormones leptin and ghrelin on neural alcohol cue reactivity, craving and relapse in alcohol addiction: Two streams merge to one river?  
*BACH Patrick (Department of Addictive Behavior and Addiction Medicine, Central Institute of Mental Health, Medical Faculty Mannheim / Heidelberg University)*
- Altered GABA-signaling in the amygdala contributes to pathological alcohol choice over high value alternative rewards  
*AUGIER Eric (Linköping University, Sweden)*
- Neural correlates of implicit emotional processing in binge drinking  
*LANNOY Séverine (Cognition Health and Society Laboratory (EA 6291), Université de Reims Champagne-Ardenne, Reims, France)*

**18:30 - 19:20 INVITED TALK (Chair: MAURAGE Pierre)**

- Targeting Biased Decision Making in the Treatment of Alcohol Use Disorders  
*WIERS Reinout (Addiction Development and Psychopathology (ADAPT) Lab, Dept of Psychology, Universiteit van Amsterdam)*

**19:20 - 20:00 GET TOGETHER (Cheese & Beer party)**

**Parallel 1 - Matisse**

**15:10 - 16:40 SYMPOSIUM (Co-chairs: CASEY Carol, VISWANATHAN Saraswathi)**

Cellular and Extracellular Effects of Alcohol Exposure in Liver and Extrahepatic Organs  
*CASEY Carol (University of Nebraska Medical Center)*

- TP-R Deletion Promotes Adipose Tissue Browning and M2 Macrophage Polarization with a Concomitant Reduction in Alcohol-associated Liver Injury in Mice  
*VISWANATHAN Saras (Veterans Affairs Nebraska-Western Iowa Health Care System & Department of Medicine, University of Nebraska Medical Center, Omaha, NE)*
- Down-regulation of Rab3D: Critical Role in Alcohol-induced Liver Injury  
*CASEY Carol (University of Nebraska Medical Center)*
- Complement Activation in Alcoholic Hepatitis: Possible Association with Acute Kidney Injury  
*NAGY Laura (Northern Ohio Alcohol Center, Department of Inflammation and Immunity, Cleveland Clinic, Cleveland OH)*
- Masked Hemolysis as Important Factor of Iron Overload in ALD  
*RAUSCH Vanessa (Center for Alcohol Research and Salem Medical Center, University of Heidelberg, Heidelberg, Germany)*

**16:40 - 17:00 COFFEE BREAK**

## **17:00 - 18:30 SYMPOSIUM (Co-chairs: KHARBANDA Kusum K., OSNA Natalia A.)**

### **SECOND HITS IN ALCOHOL-RELATED ORGAN DAMAGE**

*KHARBANDA Kusum (VA Medical Center, University Nebraska Medical Center)*

- **Alcohol on fat: worse consequences for liver injury**  
*SETH Devanshi (Drug Health Services, Royal Prince Alfred Hospital, Camperdown, Australia. 3Faculty of Medicine, The University of Sydney, Sydney, Australia. 4Centenary Institute of Cancer Medicine and Cell Biology, The University)*
- **Liver stiffness as a novel prognostic marker in heavy drinkers: First data from a prospective 10-year follow-up study**  
*Sebastian Mueller, MD, PhD (Dept. of Internal Medicine, Salem Medical Center and Center for Alcohol Research, University of Heidelberg, Germany)*
- **Reactive aldehydes from Alcohol and Cigarette Smoke co-exposure impairs lung innate anti-microbial defense**  
*Todd A. Wyatt. PhD (University of Nebraska Medical Center, USA)*
- **Matrix Stiffness Regulates Fibrosis Progression in Alcohol-Induced Liver injury**  
*KIDAMBI Srivatsan (University of Nebraska-Lincoln)*

## **Parralel 2 - Rubens**

### **15:10 - 16:40 SYMPOSIUM (Co-chairs: AUBIN Jean-Henri, DERVAUX Alain)**

**What can we learn from epidemiology in alcohol research? Recent findings from large population-based cohorts**

*AIRAGNES Guillaume (AP-HP, Hôpitaux Universitaires Paris Ouest)*

- **Communication 1: "Do addictive behaviors explain social inequality regarding depression? Findings from the Constances cohort."**  
*MATTA Joane (Inserm, UMS11, Population-based Epidemiologic Cohorts, Villejuif, France.)*
- **Communication 2: "Development of a predictive clinical tool of alcohol-related consequences: Results from the National Epidemiologic Survey on Alcohol and Related Conditions."**  
*HOERTEL Nicolas (AP-HP, Hôpitaux Universitaires Paris Ouest, Department of Psychiatry and Addictology. Inserm, U894, Centre Psychiatrie et Neurosciences.)*
- **Communication 3: "Associations of depressive symptoms with alcohol use: findings from the Constances cohort."**  
*WIERNIK Emmanuel (Inserm, UMS11, Population-based Epidemiologic Cohorts, Villejuif, France.)*
- **Communication 4: "Do personality traits predict alcohol consumption decades after their assessments? Findings from the Gazel cohort."**  
*AIRAGNES Guillaume (AP-HP, Hôpitaux Universitaires Paris Ouest, Department of Psychiatry and Addictology, Paris, France. Inserm, UMS11, Population-based Epidemiologic Cohorts, Villejuif, France.)*

### **16:40 - 17:00 COFFEE BREAK**

**17:00 - 18:30 SYMPOSIUM (Chair: MAURAGE Pierre)**

Beyond cognition: neuroscience correlates of affective and motivational processes in binge drinking

*MAURAGE Pierre (University of Louvain, Belgium)*

- Emotional impairments in binge drinking: insights through a behavioral and neuroscientific approach  
*Severine Lannoy (University of Reims, France ; Stanford University, USA)*
- The role of interoception and emotional impulsivity in binge drinking  
*Aleksandra Herman (University of Sussex, UK)*
- How do binge drinkers inhibit alcoholic images? A functional magnetic resonance imaging study  
*Sónia S. Sousa (University of Minho, Portugal)*
- Neural correlates of an alcohol-cued Go/NoGo task: A dual process approach to binge drinking in college students”  
*Javier Blanco-Ramos (University of Santiago de Compostella, Spain)*

**8:00 - 8:30 REGISTRATION & WELCOME COFFEE**

### Auditorium Pasteur

**8:30 - 9:20 INVITED TALK (Chair: SPANAGEL Rainer)**

- How we got alcohol addiction wrong – one lever at a time  
*HEILIG Markus (Center for Social and Affective Neuroscience, Linköping Univ., Sweden)*

**9:20 - 10:50 SYMPOSIUM (Chair: SPANAGEL Rainer)**

How well do preclinical findings translate into the clinic?

*SPANAGEL Rainer (CIMH, Mannheim, Germany)*

- Successes and pitfalls in translational alcohol research – an overview  
*Rainer Spanagel (CIMH, Mannheim, GER)*
- The value of preclinical systematic reviews  
*Merel Ritskes-Hoitinga (SYRCLE Radboud university medical center, Nijmegen, The Netherlands)*
- Translational Neuroimaging: Convergent results from humans and animals  
*Wolfgang Sommer (GER)*
- Translational Genetics: Convergent results from humans and animals  
*Jens Treutlein (GER)*

**10:50 - 12:20 SYMPOSIUM (Co-chairs: ROBERTO Marisa, KHOM Sophia)**

Don't stress the amygdala—the role of pro- and anti-stress systems in AUDs

*KHOM Sophia (The Scripps Research Institute, Department of Neuroscience)*

- Corticotropin releasing factor binding protein in the amygdala: the good, the bad and the ugly  
*HAASS-KOFFLER CAROLINA L (Center for Alcohol and Addiction Studies Department of Psychiatry and Human Behavior and Department of Behavioral and Social Sciences, Brown University Section on Clinical Psychoneuroendocrinology and Neuropsychopharmacology NIAAA and NIDA, National)*
- Dysregulated Endocannabinoid Signaling in the Central Nucleus of the Amygdala (CeA): Role in Anxiety and Excessive Alcohol Consumption  
*SERRANO Antonia (Instituto de Investigación Biomedica de Malaga (IBIMA). UGC Salud Mental Laboratorio Medicina Regenerativa, pabellón gobierno, sotano Hospital Regional Universitario de Malaga)*
- A role for amygdalar endocannabinoid signaling in excessive alcohol intake and comorbid anxiety in genetically selected Marchigian Sardinian alcohol preferring rats  
*CANNELLA Nazzeno (University of Camerino, School of Pharmacy, Pharmacology Unit)*
- Aberrant central amygdala Substance P/Neurokinin receptor 1 signaling in rodent models of alcohol dependence and anxiety  
*KHOM Sophia (The Scripps Research Institute, Department of Neuroscience)*

**12:20 - 13:20 LUNCH & POSTER SESSION**

### **13:20 - 14:50 SYMPOSIUM (Co-chairs: RAMCHANDANI Vijay, HENDERSHOT Christian)**

#### **THE ENDOCANNABINOID SYSTEM AND ALCOHOL-RELATED OUTCOMES: GENES, BRAIN AND BEHAVIOR**

*HENDERSHOT Christian (Departments of Psychiatry and Psychology, University of Toronto)*

- **ENDOCANNABINOID GENES AND ALCOHOL-INDUCED REWARD PHENOTYPES**  
*Vijay A. Ramchandani, Matthew E. Sloan, Emily L. Vogt, Melanie L. Schwandt, Hui Sun, Peter Herscovitch, Markus Heilig, Nancy Diazgranados, David Goldman (Section on Human Psychopharmacology, National Institute on Alcohol Abuse & Alcoholism, Bethesda, USA)*
- **A LABORATORY-BASED INVESTIGATION OF FAAH C385A AND ALCOHOL-RELATED PHENOTYPES IN YOUTH**  
*Christian S. Hendershot, Jeffrey D. Wardell, Laura M. Best, Rachel F. Tyndale, Isabelle Boileau (Centre for Addiction and Mental Health and University of Toronto, Canada)*
- **ENDOCANNABINOID-MEDIATED EFFECTS OF ACUTE ALCOHOL ADMINISTRATION IN HEALTHY HUMANS**  
*Leah M Mayo, Elisabeth Paul, Robin Kämpe, Niclas Stensson, Bijar Ghafouri, Markus Heilig (Center for Social and Affective Neuroscience, Linköping University, Sweden)*
- **ARE DEFICITS IN BRAIN ENDOCANNABINOID METABOLISM LINKED TO HEAVIER ALCOHOL USE? NEUROIMAGING STUDIES OF THE ENZYME FATTY ACID AMIDE HYDROLASE**  
*Laura M. Best (Centre for Addiction and Mental Health and University of Toronto, Canada)*

### **14:50 - 16:20 SYMPOSIUM (Co-chairs: TSUKAMOTO Hide, MATHURIN Philippe)**

#### **Progress in alcoholic liver disease: from benchside to bedside**

*MATHURIN Philippe (Hôpital Huriez, CHRU Lille)*

- **What are the best pathways to target in AH : from animal models to clinical setting**  
*Hidekazu Tsukamoto, University of South California, Los Angeles, USA*
- **How to stage disease severity in patients with compensated ALD: from serum markers to physical methods**  
*Eric Nguyen-Khac, Service HepatoGastroentérologie, CHU Amiens-Picardie, Amiens, France*
- **Diagnosis and staging of disease-severity in symptomatic alcoholic hepatitis**  
*Christophe Moreno, Department of Gastroenterology, Hôpital Erasme, Brussels, Belgium*
- **Medical management of severe forms of alcoholic hepatitis**  
*Alexandre Louvet, Service Maladies de l'Appareil Digestif, CHRU Lille, Lille, France*
- **From early transplantation to future development in alcoholic hepatitis**  
*Philippe Mathurin, Service Maladies de l'Appareil Digestif, CHRU Lille, Lille, France*

### **16:20 - 16:40 COFFEE BREAK**

### **16:40 - 18:10 SYMPOSIUM (Chair: JUNG Kathy)**

#### **Insights into Alcohol-associated Cancers**

*MUELLER Sebastian (Center for Alcohol Research and Salem Medical Center, University of Heidelberg)*

- **Alcohol and Cancer – the epidemiological evidence**  
*Elisabete Weiderpass, IARC Lyon*
- **The role of adaptive immune system, particularly IgA+ and CD8+ T cells, in alcoholic steatohepatitis and its progression to hepatocellular carcinoma**  
*Shabnam Shalpour of University of California at San Diego*

- Molecular Mechanisms of Alcohol-associated Cancers: from Metabolism and Oxidative Stress to Stem Cells and Genomic Instability  
*Vasilis Vasiliou, Yale*
- Local acetaldehyde its key role in alcohol-related upper GI tract carcinogenesis  
*Miko Salaspuro*

**18:10 - 19:00 INVITED TALK (Chair: MATHURIN Philippe)**

- ASH-NASH Synergism and Its Underlying Mechanisms  
*TSUKAMOTO Hidekazu (Professor of Pathology and Director for Res Ctr for ALPD and Cirrhosis- University of Southern California, Los Angeles, USA)*

**19:00 - 20:00 ESBRA General Assembly**

**Parralel 1 - Matisse**

**9:20 - 10:50 SYMPOSIUM (Co-chairs: WANG Yan, LACKNER Carolin)**

Novel concepts in the evaluation of fibrosis in alcohol-related liver disease  
*LACKNER Carolin (Graz, Austria)*

- Non-invasive fibrosis assessment in compensated and decompensated alcohol-related liver disease and clinical implications  
*R. Stauber, Graz (Austria)*
- Staging of alcohol-related liver disease and clinical implications  
*C. Lackner, Graz (Austria)*
- Morphologic features of fibrosis progression and regression in alcohol-related liver disease  
*R. Miquel, London (UK)*
- Histologic fibrosis patterns associate with disease severity and short-term mortality in patients with acute decompensation of cirrhosis  
*Y. Wang, Guangzhou (China)*

**10:50 - 12:20 SYMPOSIUM (Co-chairs: KIDAMBI Srivatsan, MUELLER Sebastian)**

Biomechanic signaling and alcoholic liver disease  
*KIDAMBI Srivatsan (University of Nebraska-Lincoln)*

- Hepatic sinusoidal pressure as driving force in alcoholic liver disease  
*MUELLER Sebastian (University of Heidelberg)*
- Modulation of liver and spleen stiffness to vasoactive drugs in rodents: potential therapeutic implications?  
*ELSHAARAWY Omar (University of Heidelberg)*
- Stiffness induces Hepatocytes Metabolic reprogramming during Alcoholic Liver Disease  
*KIDAMBI Srivatsan (University of Nebraska-Lincoln)*
- Role of glycolysis in mechanosensing of liver sinusoidal endothelial cells  
*GREUTER Thomas*

**12:20 - 13:20 LUNCH & POSTER SESSION**

### 13:20 - 14:50 SYMPOSIUM (Chair: ISRAEL Yedy)

ETHANOL-INDUCED NEUROINFLAMMATION AND OXIDATIVE STRESS: CHRONIC ETHANOL INTAKE AND BINGE-LIKE INTOXICATION. TRANSLATIONAL OPTIONS

*ISRAEL Yedy (Pharmacology Program, Faculty of Medicine-ICBM, University of Chile)*

- POSITRON EMISSION TOMOGRAPHY (PET) OF TRANSLOCATOR PROTEIN-18KDA IMAGING TO STUDY THE DYNAMICS OF ETHANOL-INDUCED NEUROINFLAMMATION  
*SABA Wadad (Commissariat à l'énergie atomique et aux énergies alternatives (CEA), Service Hospitalier Frédéric Joliot)*
- EVALUATION OF N-ACETYLCYSTEINE EFFECTS ON TWO PRECLINICAL RAT MODEL OF ALCOHOL USE DISORDERS: THE OPERANT BINGE DRINKING MODEL AND THE "POST-DEPENDENT" STATE RAT MODEL  
*VILPOUX Catherine (Université Picardie Jules Verne, INSERM ERI-24 GRAP, Groupe de Recherche sur l'Alcool et les Pharmacodépendances)*
- ETHANOL INDUCED OXIDATIVE STRESS-NEUROINFLAMMATION SELF-PERPETUATING CYCLE IS BLUNTED BY N-ACETYL CYSTEINE INHIBITING CHRONIC ALCOHOL INTAKE AND RELAPSE BINGING. TRANSLATIONAL OPTIONS  
*ISRAEL Yedy (Pharmacology Program, Faculty of Medicine-ICBM, University of Chile)*
- ADMINISTRATION OF ANTI-INFLAMMATORY MESENCHYMAL STEM CELLS OR ITS SECRETOME INHIBITS ALCOHOL SELF-ADMINISTRATION AND BLOCKS RELAPSE INTAKE. MECHANISMS AND TRANSLATIONAL OPPORTUNITIES  
*EZQUER Fernando (Center for Regenerative Medicine, School Medicine, Universidad del Desarrollo, Santiago)*

### 14:50 - 16:20 SYMPOSIUM (Co-chairs: EHLERS Cindy, PFEFFERBAUM Dolf)

Translational studies on ethanol effects in adolescence

*EHLERS Cindy (Department of Neurosciences, The Scripps Research Institute)*

- NEUROPHYSIOLOGICAL SYNCHRONY AND SLEEP ARE BOTH DISRUPTED IN YOUNG ADULT HUMANS AND RATS WITH A HISTORY OF ADOLESCENT ALCOHOL EXPOSURE  
*Cindy L. Ehlers Ph.D. The Scripps Research Institute US*
- ADOLESCENT ALCOHOL EXPOSURE ALTERS ADULT NEUROBIOLOGY THROUGH NEUROIMMUNE AND EPIGENETIC SIGNALIN  
*Fulton Crews Ph.D. University of North Carolina US*
- Impulsive action and decision making in young adults binge drinkers; brain mechanisms  
*Theodora Duka M.D. Ph.D University of Sussex UK*
- EPIGENETIC, NEUROINFLAMMATION AND GluN2B PARTICIPATE TO COGNITIVE DEFICITS AFTER ETHANOL BINGING IN ADOLESCENT RAT  
*O. Pierrefiche Ph.D. University of Picardie FR*

### 16:20 - 16:40 COFFEE BREAK



## 16:40 - 18:10 SYMPOSIUM (Chair: DE TIMARY Philippe)

New arguments for a role of the gut microbiota and inflammation in alcohol-use-disorders  
*DE TIMARY Philippe (Department of Adult Psychiatry, Institute of Neuroscience, Brussels, Belgium)*

- The Gut Microbiome in Binge Alcohol Drinking: Recent Translational Efforts  
*LEGGIO Lorenzo (NIAAA DICBR, NIDA IRP, Brown University)*
- Implication of the gut microbiota in the behavioral changes linked to alcohol-dependence: mechanistic approach  
*LECLERCQ Sophie (Université catholique de Louvain, Institute of Neurosciences, Belgium)*
- The gut microbiota as a new target in the treatment of disinhibition in alcohol-dependence: a clinical study  
*QUOILIN Caroline (Institute of Neuroscience, Université catholique de Louvain, Belgium)*
- Does inflammation lead to changes in brain anatomy in alcohol use disorder (AUD)? The effects of alcohol withdrawal in MRI scans  
*DE TIMARY Philippe (Institute of Neuroscience and Department of Adult Psychiatry, Université catholique de Louvain and Cliniques universitaires Saint-Luc)*

## Parralel 2 - Rubens

### 9:20 - 10:50 SYMPOSIUM (Co-chairs: RILEY Ed, CHARNESS Michael)

CIFASD Advances in the Pathophysiology and Diagnosis of FASD  
*CHARNESS Michael (VA, Harvard Medical School, Boston University School of Medicine)*

- Molecular Mechanisms Underlying Ethanol Teratogenesis and its Antagonism  
*CHARNESS Michael (VA Boston Healthcare System)*
- Synergistic gene-environment interactions in a zebrafish model of Fetal Alcohol Spectrum Disorders  
*EBERHART J.K. (University of Texas at Austin)*
- Ethanol and Cannabinoids Interact to Induce Birth Defects through a Mechanistic Pathway Converging on Primary Cilia  
*PARNELL SE (Bowles Center for Alcohol Studies, University of North Carolina)*
- Utilising 3D Facial Analysis for the Early Identification of FASD Associated Facial Dysmorphism at Neonatal and Infant Stages  
*SUTTIE Michael (Nuffield Department of Women's & Reproductive Health, University of Oxford)*

### 10:50 - 12:20 SYMPOSIUM (Chair: LOPEZ-MORENO Jose Antonio)

Gut microbiota and alcohol: present and future  
*LOPEZ-MORENO Jose Antonio (Dept. of Psychobiology and Behavioral Sciences Methods, Complutense University of Madrid)*

- Gut microbiome may predispose to alcohol use disorder in rats  
*BOUTREL Benjamin (Center for Psychiatric Neuroscience, Department of Psychiatry, Lausanne University Hospital, Switzerland)*
- TRANSLATIONAL STUDIES IN ALCOHOL-INDUCED CHANGES IN GUT MICROBIOTA  
*LÓPEZ-MORENO Jose Antonio (Dept. of Psychobiology and Behavioral Sciences Methods, School of Psychology, Complutense University of Madrid, Madrid, Spain.)*

- **Gut Microbiota in Alcohol Related Disease**  
*KESHAVARZIAN Ali (Rush University Medical Center, Department of Internal Medicine, Division of Digestive Diseases, Chicago)*
- **INTESTINAL MICROBIOTA IN ALCOHOLIC PATIENTS**  
*CIOCAN Dragos (AP-HP, Hepato-gastroenterology and Nutrition, Antoine-Béclère Hospital; INSERM UMRS U996 – Intestinal microbiota, macrophages and liver inflammation, DHU Hepatinov; University Paris-Sud / Paris Saclay, Clamart, France)*

**12:20 - 13:20 LUNCH & POSTER SESSION**

**13:20 - 14:50 SYMPOSIUM (Chair: SILVERI Marisa)**

**From Alcohol Initiation to Disorder: Perspectives and Treatment Across the Lifespan**  
*SILVERI Marisa (McLean Hospital / Harvard Medical School)*

- **Adolescent Neurobiology and the Impact of Alcohol Use Initiation**  
*SILVERI Marisa M. (Neurodevelopmental Laboratory on Addictions and Mental Health, McLean Hospital, Belmont, MA; Department of Psychiatry, Harvard Medical School, Boston, MA)*
- **Evaluating combined treatment versus single-focused treatment for Depression and Heavy Episodic Drinking in College Students**  
*PEDRELLI Paola (Massachusetts General Hospital, Boston, MA; Department of Psychiatry, Harvard Medical School, Boston, MA)*
- **Mindfulness-based Relapse Prevention for Drinking Reduction Among Community-Dwelling Older Adults Seeking Treatment for Alcohol Use Disorder**  
*WITKIEWITZ Katie (Department of Psychology, University of New Mexico, Albuquerque NM)*
- **Pharmacological Treatments for Alcohol Use Disorder: Riding the Waves of Medications Development**  
*LEGGIO Lorenzo (Division of Intramural Clinical and Biological Research, National Institute on Alcohol Abuse and Alcoholism, Intramural Research Program, National Institute on Drug Abuse, Baltimore, MD; Department of Behavioral and Social Sciences, Brown University)*

**14:50 - 16:20 SYMPOSIUM (Co-chairs: AUBIN Henri-Jean , MANN Karl)**

**The changing face of clinical trials for alcohol use disorders**  
*AUBIN Henri-Jean (Université Paris-Sud)*

- **Precision medicine in Alcohol Dependence: matching phenotypes to pharmacotherapy**  
*KRANZLER Henry (Univ Pennsylvania School of Medicine)*
- **Harm reduction: an alternative avenue for alcohol use disorder pharmacotherapy**  
*Karl Mann, Katie Witkiewitz and the ACTIVE group*
- **Placebo response in clinical trials for alcohol use disorders: can we improve clinical trial designs?**  
*AUBIN Henri-Jean, FARINA Claire (Université Paris-Sud)*

**16:20 - 16:40 COFFEE BREAK**

**16:40 - 18:10 SYMPOSIUM (Chair: PEARSON Matthew)**

Examining Psychosocial Predictors of Alcohol Outcomes: Implications for Etiology, Prevention, and Treatment

*PEARSON Matthew (University of New Mexico)*

- An Ecological Test of Stress- and Cue-Induced Alcohol Craving  
*PEARSON Matthew (University of New Mexico)*
- Alcohol Use among College Students: Lessons Learned from the Protective Strategies Study Team  
*PEARSON Matthew for STUDY TEAM Protective Strategies (University of New Mexico)*
- Examining Psychosocial Predictors of Alcohol Outcomes: Implications for Etiology, Prevention, and Treatment  
*PEARSON Matthew (University of New Mexico)*
- Beyond One Size Fits All: Deviance Regulation Theory-Based Interventions Targeting Use of Alcohol Protective Behavioral Strategies  
*DVORAK Robert (University of Central Florida)*
- I Am What I Am: Defining the Nomological Network of Alcohol Identity Using Meta-Analysis  
*MONTEZ Kevin (California State University, Dominguez Hills)*

## Monday 2019-09-23

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**8:00 - 8:30 REGISTRATION & WELCOME COFFEE**

### Auditorium Pasteur

**8:30 - 9:20 INVITED TALK (Chair: MUELLER Sebastian)**

- Immunotherapeutic strategies for Alcoholic Liver Disease – why, how and when?  
*CHOKSHI Shilpa (Viral Hepatitis and Alcohol Research Group; Kings College London; Institute of Hepatology, Foundation for Liver Research)*

**9:20 - 10:50 SYMPOSIUM (Co-chairs: WOJNAR Marcin, BROWER Kirk)**

Do you feel your body or your emotions? Drinking alcohol in the context of body-mind communication

*WOJNAR Marcin (Medical University of Warsaw)*

- Drink until you cannot feel feelings: The role of physical pain in predicting relapse to alcohol use following treatment for alcohol use disorder  
*Katie Witkiewitz*
- Can you feel your own body? - the role of interoception in alcohol use disorder  
*JAKUBCZYK Andrzej*
- Can you feel what I am feeling – childhood adversity, alcohol use and mentalization  
*KOPERA Maciej*
- Heavy Drinking, Depression, and Treatment Seeking for Mental Health Concerns in Physicians  
*BROWER Kirk J. (University of Michigan Medical School)*

**10:50 - 12:20 SYMPOSIUM (Chair: MAURAGE Pierre)**

Social cognition in severe alcohol-use disorders: from emotional decoding to dehumanization experience

*MAURAGE Pierre (University of Louvain, Belgium)*

- It's complicated: Different tasks lead to different conclusions as to the severity of the impact of severe alcohol-use disorder upon social cognition  
*Sharon Cox (London South Bank University, UK)*
- Self-evaluative emotions in severe alcohol use disorders  
*Delphine Grynberg (University of Lille, France)*
- Clinical impact of social cognition in treatment seeking patients with severe alcohol-use disorders  
*Claudia Rupp (University of Innsbruck, Austria)*
- Dehumanizing experiences of patients with severe alcohol-use: links with fundamental needs and important clinical outcomes  
*Sullivan Fontesse (University of Louvain, Belgium)*

**12:20 - 13:20 LUNCH & POSTER SESSION**

### **13:20 - 14:10 INVITED TALK (Chair: AUBIN Henri-Jean)**

- Applying Precision Medicine to Alcohol and Drug Use Disorders  
*KRANZLER Henry (Benjamin Rush Professor of Psychiatry and the Director of the Center for Studies of Addiction, Center for Studies of Addiction, Perelman School of Medicine, University of Pennsylvania)*

### **14:10 - 15:40 SYMPOSIUM (Chair: IKEJIMA Kenichi)**

Novel concepts in alcoholic liver disease

*MUELLER Sebastian (Center for Alcohol Research and Salem Medical Center, University of Heidelberg)*

- Systemic inactivation of hypoxia-inducible factor prolyl 4-hydroxylase 2 in mice protects from alcohol-induced fatty liver disease  
*Anna Laitakari, Oulu, Finland*
- Modeling of fibrosis pattern formation: From mouse models to human patients of chronic liver diseases  
*Hammad Seddik, Mannheim, Germany*
- The characteristics of alcoholic liver disease in Japan  
*Tomomi Kogiso, Tokyo, Japan*
- The role of intestinal microbiota in alcoholic liver disease  
*Ryuta Kitagawa, Tokyo, Japan*

### **15:40 - 16:00 COFFEE BREAK**

### **16:00 - 17:30 SYMPOSIUM (Co-chairs: THIELE Thiele, MUELLER Sebastian)**

Natural history of alcoholic liver disease: Risk factors, early disease detection and prognostic markers  
*THIELE Thiele (Dpt. Gastroenterology & Hepatology, Odense University Hospital)*

- Epidemiology and natural history of alcohol-related liver disease  
*Gro Askgaard, postdoc, MD, PhD (Copenhagen, Denmark)*
- Current state-of-the-art prognostic and diagnostic markers including genetic traits  
*Maja Thiele, associate professor, MD, PhD (Odense, Denmark)*
- Pharmacological decrease of liver stiffness in alcohol-related liver disease predicts long-term clinical outcome  
*Felix Piecha (Hamburg, Germany)*
- Spleen stiffness/length to liver stiffness ratio significantly differs between ALD and HCV and predicts disease-specific complications  
*Elsharaawy Omar, (Egypt and Heidelberg, Germany)*

### **17:30 - 19:00 FREE ORAL COMMUNICATIONS 1**

#### **(Co-chairs: GIERSKI Fabien, QUERTEMONT Etienne)**

- In vivo longitudinal study of risky alcohol consumption effects on the brain  
*LANQUETIN Anastasia (Physiopathology and Imaging of Neurological Disorders, Normandie University, Caen, France)*
- BEARNI as screening tool for neuropsychological impairments and brain shrinkage in alcohol use disorder and Korsakoff's patients  
*RITZ Ludivine (Normandie University, Caen, France)*
- Is impulsivity related to executive deficits in patients with Alcohol Use Disorder?  
*CABÉ Nicolas (Normandie University, Caen, France)*

- A Smartphone App to Assess Alcohol Consumption Behaviours: Development, Validity, Compliance, and Reactivity  
*POULTON Antoinette (Melbourne School of Psychological Sciences, University of Melbourne, Parkville, Australia)*
- Affect regulation training (ART) program in alcohol abstinence consolidation  
*CLAISSE Caroline (SCALab Laboratory UMR CNRS 9193)*

## HÔTEL DE REGION HAUTS DE FRANCE

**19:30 - 23:30 GALA DINNER**

### Parralel 1 - Matisse

**9:20 - 10:50 SYMPOSIUM (Chair: NGUYEN KHAC E.)**

Non-invasive screening for alcoholic liver fibrosis based on liver stiffness: algorithms and challenges

*MUELLER Sebastian (Center for Alcohol Research and Salem Medical Center, University of Heidelberg)*

- Open questions in the assessment of alcoholic cirrhosis based on liver stiffness  
*S Mueller*
- Computer-based digital algorithms to assess fibrosis stage in ALD  
*M Thiele*
- Screening for ALD in an addiction care setting using simple bio clinical items  
*J Trabut*
- Examination conditions for liver stiffness measurement: not so easy!?  
*J Boursier*

**10:50 - 12:20 SYMPOSIUM (Co-chairs: IKEJIMA Kenichi, MUELLER Sebastian)**

Pathophysiology of alcoholic liver disease

*IKEJIMA Kenichi (Juntendo University)*

- Alcoholic liver disease: Impact of the type of alcoholic beverage  
*BERGHEIM Ina (Department of Nutritional Sciences, RF Molecular Nutritional Science, Althanstr. 14, UZA2, 1090 Vienna, Austria)*
- Vinyl chloride-induced interaction of nonalcoholic and toxicant-associated steatohepatitis: protection by the ALDH2 activator Alda-1.  
*BEIER Juliane (University of Pittsburgh)*
- The liver matrisome and inflammatory liver injury in ALD  
*ARTEEL Gavin (Department of Medicine and Pittsburgh Liver Research Center,)*
- Endoplasmic reticulum stress and oxidative stress in alcoholic liver injury comorbid metabolic syndrome  
*KON Kazuyoshi (Juntendo University Graduate School of Medicine)*

**12:20 - 13:20 LUNCH & POSTER SESSION**

## **14:10 - 15:40 SYMPOSIUM (Co-chairs: GELERNTER Joel, KRANZLER Henry)**

Genetics of alcohol dependence

*GELERNTER Joel (Yale Univ School of Medicine)*

- The Genetics of Antisocial Personality Disorder in the Context of Alcohol Dependence  
*MCQUILLIN Andrew (University College London)*
- Polygenic contributions to alcohol use and alcohol use disorders across population-based and clinically ascertained samples  
*JOHNSON Emma (Washington University School of Medicine, St. Louis)*
- Genetics of alcohol dependence in a family sample  
*EDENBERG Howard (Indiana University School of Medicine)*
- Alcohol GWAS results in different populations – AA, EA, Asian – and attendant implications  
*GELERNTER Joel (Yale University School of Medicine and VA CT Healthcare Center)*

## **15:40 - 16:00 COFFEE BREAK**

## **16:00 - 17:30 SYMPOSIUM (Co-chairs: XU Ke, SARKAR Dipak)**

Epigenetic effects of alcohol exposure in brain and in blood: an implication of methylation biomarker for alcohol use disorder

*XU Ke (Yale School of Medicine)*

- Long lasting epigenetic marks of alcohol on circadian and stress regulatory genes  
*SARKAR Dipak (Endocrinology Program and Department of Animal Sciences, Rutgers University, USA)*
- GENOME-WIDE DNA METHYLATION IN PFC OF AUD SUBJECTS: INSIGHTS ON THE EPIGENETIC REGULATION OF THE GLUCOCORTICOID RECEPTOR  
*GATTA Eleonora (Center for Alcohol Research in Epigenetics/University of Illinois at Chicago, USA)*
- DNA-methylation abundantly associates with fetal alcohol spectrum disorder and its sub-phenotypes  
*KRZYZEWSKA I.M. (Amsterdam University Medical Centers)*
- DNA methylation on Phosphatidylethanol (PEth) in blood predicts alcohol consumption  
*XU Ke (Department of Psychiatry, Yale School of Medicine, New Haven, USA)*

## **17:30 - 19:00 SYMPOSIUM (Co-chairs: CREWS Fulton, NORONHA Antonio)**

Novel Alcohol-induced Epigenetic Signaling: Neuroimmune Genes and miRNAs

*CREWS Fulton (University of North Carolina at Chapel Hill)*

- Neuronal-Glial Signaling Through miRNA let7 and Toll-like Receptor 7 Induce Interferons and Negative Affect.  
*COLEMAN Leon (UNC-School of Medicine, Chapel Hill, NC USA)*
- Neuroimmune and Epigenetic Mechanisms Regulate Adolescent Binge Ethanol-induced Loss of Basal Forebrain Cholinergic Neurons and Hippocampal Neurogenesis  
*VETRENO Ryan (Bowles Center for Alcohol Studies, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599 USA)*
- Glial- to- Neuron Transfer of Inflammatory Proteins and miRNAs via Exosomes: A New Mechanism Underlying Ethanol-induced Neuroinflammation  
*GUERRI Consuelo (Prince Felipe Research Center, Valencia, 46012, Spain)*
- Role of microRNA 137 Mediated Changes in Histone Methylation in Adolescent Alcohol-induced Anxiety and Alcohol Drinking Behaviors in Adulthood

PANDEY Subhash (University of Illinois at Chicago, Chicago and Jesse Brown Veterans Affairs Medical Center, USA)

## **Parralel 2 - Rubens**

### **9:20 - 10:50 SYMPOSIUM (Chair: VORSPAN Florence)**

Alcohol-related cognitive impairment (ARCI) : Korsakoff, Alzheimer, and friends  
VORSPAN Florence (APHP, Université Paris Diderot, INSERM UMRS 1144)

- **Epidemiology** : Early-onset dementia is mostly related to alcohol use disorders  
*Michaël Schwarzinger, Translational Health Economics Network (THEN), Paris*
- **Clinical care** : diagnosis and prognosis of Wernicke-Korsakoff disease and severe Alcohol-Related Cognitive Impairment: Alcomemo cohort  
*Julien Azuar, APHP, Département de Psychiatrie et de Médecine Addictologique, Hôpital Fernand Widal, Paris*
- **Neuropsychological Impairments and brain alterations in « uncomplicated » patients with Alcohol Use Disorder**  
*Anne-Lise Pitel, Université de Caen-Normandie, CYCERON, INSERM UMRS 1077, Caen, France*
- **Biomarkers in ARCI : what can we learn from the past 20 years of Alzheimer's disease research and care ?**  
*Emmanuel Cognat, APHP, Centre de Neurologie Cognitive, , INSERM UMRS 1144, Paris*

### **10:50 - 12:20 SYMPOSIUM (Co-chairs: COTTENCIN Olivier, NAASSILA Mickael)**

Alcohol use disorders in context of dual diagnosis: Did DSM make us lose the MATCH?  
BROUSSE Georges (CHU Clermont-Ferrand)

- **What are the challenges of dual disorders in management of AUD in France?**  
*Pr Amine Benyamina (Department of psychiatry and addictology, Paul Brousse hospital, Villejuif, Paris Sud university, INSERM U 1178, Paris, France)*
- **Are personality disorders the key to dual pathologies in AUD?**  
*Pr Alain Dervaux (Service de Psychiatrie et Addictologie de liaison, CHU Sud, Université de Picardie Jules Verne, INSERM U1247, Amiens, France)*
- **What tools are available to screen psychiatric disorders in patients with AUD?**  
*Pr Georges Brousse (Université Clermont Auvergne EA7280, CHU Clermont-Ferrand, France)*
- **Dimensional perspectives for a pragmatic therapeutic approach**  
*Pr Maurice Dematteis (CHU Grenoble-Alpes, service de pharmaco-addictologie, 38043 Grenoble, France)*

### **12:20 - 13:20 LUNCH & POSTER SESSION**



## **14:10 - 15:40 SYMPOSIUM (Chair: LESSCHER Heidi)**

Mechanisms underlying binge drinking and compulsive alcohol use

LESSCHER Heidi (Department of Animals in Science and Society, Faculty of Veterinary Medicine, Utrecht University)

- **BEHAVIOURAL TRAITS AND NEUROBIOLOGICAL MECHANISMS UNDERLYING LOSS OF CONTROL OVER ALCOHOL USE IN RATS**  
LESSCHER Heidi (Department of Animals in Science and Society, Division of Behavioural Neuroscience, Faculty of Veterinary Medicine, Utrecht University, The Netherlands)
- **BRAIN-WIDE FUNCTIONAL ARCHITECTURE REMODELING BY ALCOHOL DEPENDENCE AND ABSTINENCE PROVIDES EVIDENCE FOR THE THREE-STAGE HYPOTHESIS**  
GEORGE Olivier (Department of Psychiatry, University of California San Diego, La Jolla, California 92093)
- **FACE AND PREDICTIVE VALIDITIES OF A NEW PRECLINICAL MODEL OF OPERANT BINGE DRINKING**  
JEANBLANC Jerome (INSERM UMR1247, Research Group on Alcohol and pharmacodependences)

## **15:40 - 16:00 COFFEE BREAK**

## **16:00 - 17:30 SYMPOSIUM Co-chairs: AUGIER Eric, ADDOLORATO Giovanni)**

Targeting GABAB receptors to treat AUD: recent advances in clinical and preclinical models

AUGIER Eric (Linköping University)

- **The use of baclofen for patients with alcohol use disorder: where do we stand?**  
LEGGIO Lorenzo (NIH/NIAAA)
- **Biobehavioral mechanisms underlying baclofen's effects on alcohol seeking and consumption: Lessons learned from a human laboratory study**  
FAROKHNIA Mehdi (NIH/NIAAA)
- **France and the recent approval for baclofen in AUD**  
ROLLAND Benjamin (Neuroscience Research Center (CRNL))
- **Effect of the novel GABAB PAM ADX74441 on preclinical models of AUD and pathological alcohol choice**  
AUGIER Eric (Linköping University, Institute for Clinical and Experimental Medicine)

## **17:30 - 19:00 FREE ORAL COMMUNICATION 2**

### **(Co-chairs: FERNANDEZ Joaquim, WOJNAR Marcin)**

- **Effect of inflammatory pain on alcohol induced dopamine release in the NAc and alcohol relapse in rats**  
ZORNOZA Teodoro (UNIVERSIDAD DE VALENCIA)
- **Emotional memory in young binge drinkers**  
CARBIA Carina (APC Microbiome Ireland, Biosciences Building, University College Cork, Cork, Ireland)
- **Methylation profiles during acute alcohol withdrawal in a clinical sample**  
SIRIGNANO Lea (Department of Genetic Epidemiology in Psychiatry, CIMH Mannheim/Heidelberg University, Mannheim, Germany)

- Alcohol consumption during pregnancy: preliminary data on the effects of environment enrichment on transcriptional regulation of relevant key genes in mothers and offspring  
*BELLIA Fabio (Faculty of Bioscience, University of Teramo, Italy)*
- Dual ligands for the treatment of alcohol use disorders: a preclinical approach  
*ECHEVERRY-ALZATE Victor (Instituto IBIMA, Universidad de Málaga, School of Psychology, Complutense University of Madrid, Spain)*

## **Matisse 1**

**12:20 - 13:20 LUNCH Editorial Board meeting**

**8:00 - 8:30 REGISTRATION & WELCOME COFFEE**

### Auditorium Pasteur

**8:30 - 9:20 INVITED TALK (Chair: GUERRI Consuelo)**

- The role of cytochrome P4502E1 in alcoholic liver disease and alcohol mediated cancer  
*SEITZ Helmut (Center of Alcohol Research, University of Heidelberg, Germany)*

**9:20 - 10:50 SYMPOSIUM (Co-chairs: BACH Patrick, PATERSON Louise)**

Neuroimaging in Addiction: Recent Advances in the Monitoring and Prediction of Pharmacological Effects

*BACH Patrick (Clinical Department of Addictive Behaviour and Addiction Medicine, Heidelberg University)*

- Effects of High-dose Baclofen on Neural and Behavioural Cue-Reactivity in Alcohol Dependence  
*Anne Beck, Charité, Berlin*
- The ICCAM platform: using fMRI to characterize brain responses in addiction and their pharmacological modulation  
*Louise Paterson, Imperial College, London*
- Comparison of the effects of naltrexone on cue reactivity across different sub-stance use disorders  
*Joar Guterstam, Karolinska Institute, Stockholm*
- Identifying neurobiological predictors for pharmacological treatment response in addiction: Results from the recent TRANSALC study  
*Patrick Bach, Central Institute of Mental Health, Mannheim*

**10:50 - 12:20 SYMPOSIUM (Chair: PITEL Anne-Lise)**

From Fetal alcohol syndrome to Korsakoff syndrome through binge drinking: a neuroscientist/neuropsychological perspective

*PITEL Anne-Lise (Inserm UMRS-U1077, Université de Caen-Normandie)*

- Cognitive, emotional and interpersonal correlates of prenatal alcohol exposure in adulthood  
*D'HONDT Fabien (Univ. Lille, CNRS, UMR 9193 - SCALab - Sciences Cognitives et Sciences Affectives, Lille, France)*
- Evaluating and training executive functions in binge drinking: a combined neuroscience approach  
*Pierre Maurage (University of Louvain la Neuve, Belgium)*
- Why we should ask bingers if they smoke cannabis?  
*BEAUNIEUX Hélène (Université de Caen Normandie, EA 7452, Caen, France)*
- Decorticating the pathophysiological mechanisms underlying alcohol use disorder with and without korsakoff's syndrome: a neuroimaging review and future directions  
*SEGOBIN Shailendra (Normandie Univ, UNICAEN, PSL Research University, EPHE, INSERM, U1077, CHU de Caen, Cyceron, France)*

## Parralel 1 - Matisse

### 9:20 - 10:50 SYMPOSIUM (Co-chairs: SETH Devanshi, RAUSCH Vanessa)

Genetics/genomics in alcohol induced liver injury - what next?

RAUSCH Vanessa (RPA Hospital and Centenary Institute, The University of Sydney)

- Genetics of hepatic steatosis and fibrosis  
*Marcin Krawczyk, MD. Saarland University Hospital, Homburg, Germany*
- An exploratory genome-wide analysis of patients with alcoholic hepatitis  
*Suthat Liangpunsakul, MD. Indiana University, USA*
- Contribution of common SNPs in explaining genetic variability in alcoholic cirrhosis  
*Devanshi Seth, PhD. RPA Hospital and Centenary Institute, University of Sydney, Australia*
- The role of PNPLA3 and MBOAT7 polymorphisms during alcohol detoxification—  
Identification of different mechanisms for fibrosis development  
*Vanessa Rausch, PhD. University Hospital Heidelberg and Salem Medical Center, Heidelberg, Germany*
- Alcoholic liver cirrhosis, beyond single variant analysis  
*Tae-Hwi Linus Schwantes-An, PhD. Indiana University School of Medicine, Indiana, USA*

### 10:50 - 12:20 SYMPOSIUM (Co-chairs: SEITZ Helmut K., ZAKHARI Sam)

The role of Cytochrome P450 2E1 in alcoholic liver disease and cancer

SEITZ Helmut K. (Center of Alcohol Research, University of Heidelberg)

- Ethanol metabolism in the liver: the role of CYP2E1  
*ZAKHARI S. (SVP, Distilled Spirits Council, USA)*
- Alcohol and drug interaction: the role of CYP 2E1  
*TESCHKE Rolf (Academic Teaching Hospital of the Goethe University of Frankfurt)*
- Role of CYP2E1 in Carcinogenesis  
*MURRAY Gary (NIAAA, NIH)*
- The role of CYP2E1 in alcoholic liver disease and alcohol-mediated carcinogenesis  
*SEITZ Helmut Karl (Center of Alcohol Research, University of Heidelberg, Germany)*

## Parralel 2 - Rubens

### 9:20 - 10:50 SYMPOSIUM (Chair: SWIFT Robert)

Drugs with Novel Mechanisms for the Treatment of Alcohol Dependence

SWIFT Robert (Brown University Center for Alcohol and Addiction Studies)

- Effect of the mGluR5 Modulator GET 73 on Alcohol Pharmacokinetics and Pharmacodynamics and Alcohol Craving and Consumption in a Human Laboratory Model  
*Robert Swift (Brown University Center for Alcohol and Addiction Studies, Providence RI USA)*
- Probenecid Reduces Alcohol Drinking in Rats: is Pannexin1 a Novel Therapeutic Target for Alcoholism?  
*Pietro Paolo Sanna (The Scripps Research Institute, La Jolla, CA, USA)*
- ANS-6637, a Selective Reversible Inhibitor of ALDH2, suppresses Alcohol Consumption and Cue-Induced Alcohol Self Administration in the Absence of Alcohol and Acetaldehyde  
*Ivan Diamond, MD, PhD (Amygdala Neurosciences)*

- An Evaluation of the Peroxisome Proliferator Receptor-Alpha (PPAR- $\alpha$ ) Agonist, Fenofibrate, in a Human Laboratory Model of Alcohol Use Disorder  
*Barbara J. Mason, Ph.D. (Scripps Research, La Jolla, CA)*

#### **10:50 - 12:20 SYMPOSIUM (Chair: HAASS-KOFFLER Carolina)**

Recent advances in probing the link between alcohol and neuroendocrine pathways  
*HAASS-KOFFLER Carolina (Brown University)*

- The effects of oral and intravenous alcohol administration on appetitive and stress-related hormones: Results from human laboratory experiments  
*FAROKHNIYA Mehdi (Section on Clinical Psychoneuroendocrinology and Neuropsychopharmacology, NIAAA Division of Intramural Clinical and Biological Research and NIDA Intramural Research Program, National Institutes of Health. Center on Compulsive Behaviors, National Institutes of Health, Bethesda.)*
- Dysregulations of glucocorticoid and mineralocorticoid receptor systems in alcohol dependence: Converging evidence from rats and humans  
*VENDRUSCOLO Leandro F. (Neurobiology of Addiction Section NIH/NIDA – IRP/INRB Baltimore)*
- Effect of GLP-1 analogue and desacyl ghrelin administration on alcohol cue reactivity in humans: the Gut Hormone in Addiction Study  
*GOLDSTONE Tony, PsychoNeuroEndocrinology Research Group, Neuropsychopharmacology Unit, Centre for Psychiatry, Division of Brain Sciences, Imperial College London, UK*
- Intravenous administration of ghrelin increases serum cortisol and aldosterone concentrations in heavy-drinking alcohol-dependent individuals  
*HAASS-KOFFLER Carolina (Brown University)*

#### **12:20 - 12:40 CLOSING CEREMONY**