Scientific Program

International Conference and Exhibition on
Addiction Research & Therapy

August 20-22, 2012   Embassy Suites Las Vegas, USA

Organize your Events at OMICS Group Conferences

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.com

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: addictiontherapy2012@omicsgroup.com
Keynote Forum

9:30-9:35  Introduction
9:35-10:00  M. Foster Olive  
Arizona State University, USA
10:00-10:25  Andrey E. Ryabinin  
Oregon Health & Science University, USA

Coffee Break 10:25-10:35

10:35-11:00  Kenneth Blum  
University of Florida, USA
11:00-11:25  Paul Frenger  
A Working Hypothesis Inc., USA

Track 1: New Therapeutic Aspects for Addiction

Session Introduction

11:35-11:55  Title: The interacting effects of negative urgency and impaired control on pathological reasons for drinking, heavy episodic drinking, and alcohol-related problems  
Julie A. Patock-Peckham, Arizona State University, USA

11:55-12:15  Title: Shades of grey: The characterization of efficacious addiction therapeutics in preclinical abuse liability assays  
Neil E. Paterson, PsychoGenics Inc, USA

12:15-12:35  Title: Avatar-based recovery: An alternative substance abuse treatment  
Ivana Steigman, Thrive Research, USA

Lunch Break 12:35-13:10

13:10-13:30  Title: Boredom, pain psychiatric symptoms and substance use in Methadone maintenance treatment patients  
Elizabeth Loran & Alicia Mascho, Beth Israel Medical Center, USA

13:30-13:50  Title: Can the electronic cigarette improve nicotine withdrawal symptoms, craving and memory?  
Lynne Dawkins, University of East London, UK

13:50-14:10  Title: Exposure to second-hand smoke may damage everyday prospective memory  
Thomas Heffernan, Northumbria University, UK

14:10-14:30  Title: Two case reports of successful use of Lamotrigine in substance use disorders: Confirmation of Glutamatergic neurotransmission involvement?  
Zoran M Pavlovic, PRA International, Germany

14:30-14:50  Title: Doing substance research in routine care: Cultural translation of an American approach and the impact on counselors  
Julaine Allan, The Lyndon Community, Australia
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:50-15:10</td>
<td>Group treatment method in therapeutic communities for drug addicts</td>
<td>Yair Amram</td>
<td>Hebrew University of Jerusalem, Israel</td>
</tr>
<tr>
<td>15:10-15:30</td>
<td>The difference between general learning and opiate related memory</td>
<td>Jianhong Wang</td>
<td>Kunming Institute of Zoology, China</td>
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<tr>
<td>15:30-15:40</td>
<td>Panel Discussion</td>
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**Coffee Break 15:40-15:50**

**Track 2: Current Research on Addiction**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:50-16:10</td>
<td>Generational association studies of Dopaminergic genes in Reward Deficiency Syndrome (RDS) subjects</td>
<td>Kenneth Blum</td>
<td>University of Florida, USA</td>
</tr>
<tr>
<td>16:10-16:30</td>
<td>X-HNUE: An Extended Human Narcotic Use Emulator</td>
<td>Paul Frenger</td>
<td>A Working Hypothesis Inc., USA</td>
</tr>
<tr>
<td>16:30-16:50</td>
<td>Identification of CRF neurons in the brain reward system that signal nicotine withdrawal</td>
<td>Taryn Grieder</td>
<td>University of Toronto, Canada</td>
</tr>
<tr>
<td>16:50-17:10</td>
<td>Voluntary binge drinking during early adolescence affects myelinated axons in the prefrontal cortex of rats</td>
<td>Heather N Richardson</td>
<td>University of Massachusetts Amherst, USA</td>
</tr>
<tr>
<td>17:10-17:30</td>
<td>Preconscious attention bias as a reliable marker for cigarette dependence</td>
<td>Xiaodan Yan</td>
<td>New York University, USA</td>
</tr>
<tr>
<td>17:30-17:50</td>
<td>Modulation of drug-seeking by hypothalamic peptide systems: Implications for developing pharmacological treatments to treat drug relapse</td>
<td>Christopher V Dayas</td>
<td>University of Newcastle, Australia</td>
</tr>
<tr>
<td>17:50-18:10</td>
<td>Neuroadaptations in reward pathways?</td>
<td>Jhodie R. Duncan</td>
<td>University of Melbourne, Australia</td>
</tr>
<tr>
<td>18:10-18:30</td>
<td>Effects of serotonergic antidepressants and atypical antipsychotics on withdrawal syndrome in ethanol-dependent rats</td>
<td>Tayfun Uzbay</td>
<td>Gulhane Medical School, Turkey</td>
</tr>
<tr>
<td>18:30-18:50</td>
<td>Ibogaine and addiction</td>
<td>Roman Paskulin</td>
<td>OMI Institute, Slovenia</td>
</tr>
<tr>
<td>18:50-19:10</td>
<td>Improving longitudinal drug treatment outcome studies; Linking and modelling client's routine urinalysis records across multiple treatment systems in Ireland</td>
<td>Catherine M. Comiskey</td>
<td>Trinity College Dublin, Ireland</td>
</tr>
<tr>
<td>19:10-19:30</td>
<td>Potential risk factors associated with risk for drop-out and relapse following withdrawal of opioid prescription medication</td>
<td>Susanne Heiwe</td>
<td>Karolinska University Hospital, Sweden</td>
</tr>
<tr>
<td>19:30-19:50</td>
<td>Psychiatric morbidity of cannabis use: Neurobiology and implications on policy development</td>
<td>Chaturaka Rodrigo</td>
<td>University of Colombo, Sri Lanka</td>
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<tr>
<td>19:50-20:00</td>
<td>Panel Discussion</td>
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**Day 2 August 21, 2012**

**Track 4: Various Addictives and Addictions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>9:30-9:50</td>
<td>Shedding light on indoor tanning and tanning dependence</td>
<td>Carolyn Heckman</td>
<td>Fox Chase Cancer Center, USA</td>
</tr>
<tr>
<td>9:50-10:10</td>
<td>Sexual health in recovery: A pathway model for assessment and treatment of sex/drug-linked pattern of addiction and relapse prevention</td>
<td>Douglas Braun-Harvey</td>
<td>San Diego State University, USA</td>
</tr>
</tbody>
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**Session Introduction**

**Cocktails Sponsored by: Journal of Addiction Research & Therapy**
10:10-10:30  
Title: Transforming attachment relationships in relational and intra-relational domains with eating disordered clients  
Mark F. Schwartz, Castlewood Treatment Center, USA

Coffee Break 10:30-10:45

10:45-11:05  
Title: Volatile substance misuse: A review of recent epidemiological research  
Matthew Owen Howard, University of North Carolina at Chapel Hill, USA

11:05-11:25  
Title: An update on the growing problem of synthetic cathinone (“bath salts”) use and abuse  
M. Foster Olive, Arizona State University, USA

11:25-11:45  
Title: Heroin users: The need for improved treatment for incarcerated females  
Arthur Horton, Lewis University, USA

11:45-12:05  
Title: Painful medications: Prescription opioid medications are a major health problem and cause of disability and death  
Norman S Miller, Michigan State University, USA

12:05-12:25  
Title: Chronic stress and Methamphetamine: Beyond neurotoxicity  
Sara B. Taylor, Arizona State University, USA

Lunch Break 12:25-13:10

13:10-13:30  
Title: Glutamate and Methamphetamine abuse  
Peter R. Kufahl, Arizona State University, USA

13:30-13:50  
Title: Relationship between painful disorders and gambling pathology  
Neda Faregh, Montreal General Hospital-McGill University Health Center, Canada

13:50-14:10  
Title: A neglected benefit of smoking abstinence: Former smokers of both genders present lower depression scores  
José Miguel Chatkin, Pontificia Universidade Católica Rio Grande do Sul, Brazil

14:10-14:30  
Title: Long term follow-up study of pharmacological treatments in pathological gamblers  
Dannon Pinhas N, Tel Aviv University, Israel

14:30-14:50  
Title: Problematic internet behaviours and gender differences of internet use among university students in Sri Lanka  
Chaturaka Rodrigo, University of Colombo, Sri Lanka

14:50-15:05  Panel Discussion

Track 5: Alcoholism and Therapy

Session Introduction

15:05-15:25  
Title: Role of novel microRNAs in alcohol induced dysregulation of Nrf2/ARE/GSH pathway  
Madhusudhanan Narasimhan, Texas Tech University Health Sciences Center, USA

15:25-15:45  
Title: Gastric bypass surgery attenuates alcohol consumption in high alcohol consuming individuals  
Jon F. Davis, University of Cincinnati, USA

Coffee Break 15:45-16:00

16:00-16:20  
Title: Components of the corticotropin-releasing factor system as potential targets for treatments of alcohol use disorders  
Andrey E. Ryabinin, Oregon Health & Science University, USA

16:20-16:40  
Title: Prospective memory deficits associated with ‘binge drinking’  
Thomas Heffernan, Northumbria University, UK

16:40-17:00  
Title: Harm maximisation in a can: Young people and alcohol energy drinks  
Sandra C. Jones, University of Wollongong, Australia

17:00-17:20  
Title: PI3K/Akt/NF-κB signaling and epigenetic regulation in opioid function  
Yulong L. Chen, Binghamton University, USA

17:20-17:35  Panel Discussion

Editorial Board Meeting

14:30-16:30  Scientific Partnering

16:30-18:30  Poster Presentations

18:30-20:00  Cocktails Sponsored by: Journal of Drug Metabolism & Toxicology
Day 3  
August 22, 2012

Flamingo 1

Track 7: Drug Addiction and Gene Therapy
Track 8: Treatment and Rehabilitation using Various Therapies

Session Introduction

9:30-9:50  
Title: Risky decision making in addicts and addicts under Methadone maintenance treatment  
Ahmad Sohrabi, University of Minnesota Medical School, USA

9:50-10:10  
Title: Toward Gene Transcript-targeting MRI (GT-IMRI)  
Philip K Liu, Massachusetts General Hospital-Harvard Medical School, USA

10:10-10:30  
Title: Remotely programmed transdermal delivery through voltage gated carbon nanotube membranes for counseling enhanced addiction treatment  
Bruce Hinds, University of Kentucky, USA

Coffee Break 10:30-10:45

10:45-11:05  
Title: An eight element neurobiological model for understanding specificity across the addiction spectrum  
David Nussbaum, University of Toronto Scarborough, Ontario Shores Centre for Mental Health Sciences, Canada

11:05-11:25  
Title: Clinical advances in engaging people in addiction and trauma treatment  
Lynda Poirier, University of Sherbrooke, Canada

11:25-11:45  
Title: Envisioning change: Women’s lived experiences of substance use and mental health across Canada  
Lauren Casey & Hilary McGregor, University of Victoria, Canada

11:45-12:05  
Title: One stop shop model; Presenting low threshold methadone maintenance treatment for street IDUs in Tehran, Iran  
Bijan Nasiri, Center for Health Evaluation and Outcome Sciences, Canada

Lunch Break 12:25-13:10

13:10-13:30  
Title: Tobacco cessation in adolescents and youth: the need of new cognitive behavioural and pharmacotherapy interventions based on this population of smokers and not in adults  
Guadalupe Ponciano-Rodriguez, National Autonomous University of Mexico (UNAM), Mexico

13:30-13:50  
Title: Development of brain-targeted cell therapy using microglia  
Fumihiro Imai, Ichiriyama Imai Clinic, Japan

13:50-14:10  
Title: Drug and alcohol addiction: Positive outcomes for young men in a christian residential facility  
Danuta Chessor, University of Western Sydney, Australia

14:10-14:30  
Title: Methadone maintenance and special community employment schemes: A study of Irish participants views  
Marie Claire Van Hout, Waterford Institute of Technology, Ireland

14:30-14:50  
Title: “Mamma Beve, Bimbo Beve”: A health communication campaign on the effects of alcohol use during pregnancy in Italy. Increase of awareness in the community and among healthcare professionals, and implications for approach in clinical setting  
Bazzo Stefania, University of Trieste- Local Health Authority No.9 of Treviso -Veneto Region, Italy

14:50-15:10  
Title: Telephone services for information on drugs, drug abuse interventions and education on drugs for abuse for health profession students  
Helena M. T. Barros, Federal University of Health Sciences of Porto Alegre (UFCSPA), Brazil

15:10-15:30  
Title: Question-oriented Motivation-Skill-Desensitization-mental Energy (MSDE) intervention model for relapse prevention among heroin addicts in Hubei, China  
Zengzhen Wang, Huazhong University of Science and Technology, China

15:30-15:50  
Title: Mother networking in drug rehabilitation  
Prapapun Chucharoen, Mahidol University, Thailand

15:50-16:00  
Panel Discussion
Track 9: Cocaine Addiction and Therapy
Track 10: Addiction Biology

Session Introduction

16:15-16:35
Title: Training of cortical inhibitory control of cocaine craving for relapse prevention
Serge H. Ahmed, Université de Bordeaux, France

16:35-16:55
Title: Cocaine and epigenetics - Effect of Histone Deacetylase inhibition on cocaine self-administration by rats: From behavior to genes
Jean Zwiller, Université de Strasbourg, France

16:55-17:15
Title: Effect of epigenetic modulations on excessive ethanol intake and relapse in rats
Catherine Vilpoux, University of Picardie Jules Verne, France

17:15-17:25
Panel Discussion