45th OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

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
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18:00-19:00 Registrations August 19, 2012

Day 1 August 20, 2012

7:00-9:00 Registrations

OMICS Group Conferences
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9:00-9:30 Flamingo 1

Opening Ceremony

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

11:25-11:35 Panel Discussion

Track 1: New Therapeutic Aspects for Addiction

Session Introduction

11:35-11:55 **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 **Shades of grey: The characterization of efficacious addiction therapeutics in preclinical abuse liability assays**
Neil E. Paterson, PsychoGenics Inc, USA

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

Lunch Break 12:35-13:10

13:10-13:30 **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 **Can the electronic cigarette improve nicotine withdrawal symptoms, craving and memory?**
Lynne Dawkins, University of East London, UK

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

14:10-14:30 **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 **Doing substance research in routine care: Cultural translation of an American approach and the impact on counselors**
Julaine Allan, The Lyndon Community, Australia

14:50-15:10	**Group treatment method in therapeutic communities for drug addicts** **Yair Amram,** Hebrew University of Jerusalem, Israel
15:10-15:30	**The difference between general learning and opiate related memory** **Jianhong Wang,** Kunming Institute of Zoology, China
15:30-15:40	**Panel Discussion**
	Coffee Break 15:40-15:50
Track 2: Current Research on Addiction **Track 3: Drug Addiction and Neurotoxicology**	
	Session Introduction
15:50-16:10	**Generational association studies of Dopaminergic genes in Reward Deficiency Syndrome (RDS) subjects** **Kenneth Blum,** University of Florida, USA
16:10-16:30	**X-HNUE: An Extended Human Narcotic Use Emulator** **Paul Frenger,** A Working Hypothesis Inc., USA
16:30-16:50	**Identification of CRF neurons in the brain reward system that signal nicotine withdrawal** **Taryn Grieder,** University of Toronto, Canada
16:50-17:10	**Voluntary binge drinking during early adolescence affects myelinated axons in the prefrontal cortex of rats** **Heather N Richardson,** University of Massachusetts Amherst, USA
17:10-17:30	**Preconscious attention bias as a reliable marker for cigarette dependence** **Xiaodan Yan,** New York University, USA
17:30-17:50	**Modulation of drug-seeking by hypothalamic peptide systems: Implications for developing pharmacological treatments to treat drug relapse** **Christopher V Dayas,** University of Newcastle, Australia
17:50-18:10	**The long-term consequences of inhalant abuse during adolescence; Potential neuroadaptations in reward pathways?** **Jhodie R. Duncan,** University of Melbourne, Australia
18:10-18:30	**Effects of serotonergic antidepressants and atypical antipsychotics on withdrawal syndrome in ethanol-dependent rats** **Tayfun Uzbay,** Gulhane Medical School, Turkey
18:30-18:50	**Ibogaine and addiction** **Roman Paskulin,** OMI Institute, Slovenia
18:50-19:10	**Improving longitudinal drug treatment outcome studies; Linking and modelling client's routine urinalysis records across multiple treatment systems in Ireland** **Catherine M. Comiskey,** Trinity College Dublin, Ireland
19:10-19:30	**Potential risk factors associated with risk for drop-out and relapse during and following withdrawal of opioid prescription medication** **Susanne Heiwe,** Karolinska University Hospital, Sweden
19:30-19:50	**Psychiatric morbidity of cannabis use: Neurobiology and implications on policy development** **Chaturaka Rodrigo,** University of Colombo, Sri Lanka
19:50-20:00	**Panel Discussion**
20:00-21:00	**Cocktails Sponsored by: Journal of Addiction Research & Therapy**

Day 2 August 21, 2012

Flamingo 1

Track 4: Various Addictives and Addictions	
	Session Introduction
9:30-9:50	**Shedding light on indoor tanning and tanning dependence** **Carolyn Heckman,** Fox Chase Cancer Center, USA
9:50-10:10	**Sexual health in recovery: A pathway model for assessment and treatment of sex/drug-linked pattern of addiction and relapse prevention** **Douglas Braun-Harvey,** San Diego State University, USA

10:10-10:30	**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	**Volatile substance misuse: A review of recent epidemiological research** **Matthew Owen Howard,** University of North Carolina at Chapel Hill, USA
11:05-11:25	**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	**Heroin users: The need for improved treatment for incarcerated females** **Arthur Horton,** Lewis University, USA
11:45-12:05	**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	**Chronic stress and Methamphetamine: Beyond neurotoxicity** **Sara B. Taylor,** Arizona State University, USA
	Lunch Break 12:25-13:10
13:10-13:30	**Glutamate and Methamphetamine abuse** **Peter R. Kufahl,** Arizona State University, USA
13:30-13:50	**Relationship between painful disorders and gambling pathology** **Neda Faregh,** Montreal General Hospital-Mc Gill University Health Center, Canada
13:50-14:10	**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	**Long term follow-up study of pharmacological treatments in pathological gamblers** **Dannon Pinhas N,** Tel Aviv University, Israel
14:30-14:50	**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	**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	**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	**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	**Prospective memory deficits associated with 'binge drinking'** **Thomas Heffernan,** Northumbria University, UK
16:40-17:00	**Harm maximisation in a can: Young people and alcohol energy drinks** **Sandra C. Jones,** University of Wollongong, Australia
17:00-17:20	**PI3K/Akt/NF-kB 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**
	Riviera
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	**Risky decision making in addicts and addicts under Methadone maintenance treatment** **Ahmad Sohrabi,** University of Minnesota Medical School, USA
9:50-10:10	**Toward Gene Transcript-targeting MRI (GT-tMRI)** **Philip K Liu,** Massachusetts General Hospital-Harvard Medical School, USA
10:10-10:30	**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	**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	**Clinical advances in engaging people in addiction and trauma treatment** **Lynda Poirier,** University of Sherbrooke, Canada
11:25-11:45	**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	**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
12:05-12:25	**An evidence-based toolset to capture, measure, analyze & assess emotional health** **Ted Hill,** École de Technologie Supérieure (ÉTS), Canada
	Lunch Break 12:25-13:10
13:10-13:30	**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	**Development of brain-targeted cell therapy using microglia** **Fumihiro Imai,** Ichiriyama Imai Clinic, Japan
13:50-14:10	**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	**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	**"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	**Telephone services for information on drugs, drug abuse interventions and education on drugs of abuse for health profession students** **Helena M. T. Barros,** Federal University of Health Sciences of Porto Alegre (UFCSPA), Brazil
15:10-15:30	**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	**Mother networking in drug rehabilitation** **Prapapun Chucharoen,** Mahidol University, Thailand
15:50-16:00	**Panel Discussion**
	Coffee Break 16:00-16:15

Track 9 : Cocaine Addiction and Therapy
Track 10: Addiction Biology

	Session Introduction
16:15-16:35	**Training of cortical inhibitory control of cocaine craving for relapse prevention** **Serge H. Ahmed,** Université de Bordeaux, France
16:35-16:55	**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	**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**

Bookmark your dates

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2nd International Conference and Exhibition on

Addiction Research & Therapy

July 22-24, 2013 Embassy Suites Las Vegas, USA



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