Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference and Exhibition on
Addiction Research & Therapy

August 04-06, 2014 Hilton-Chicago/Northbrook, Chicago, USA



Sponsors

PARfessionals Prevention-Addictions Treatment-Recovery

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American Academy of Health Care Providers in the Addictive Disorders

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Alternatives ADDICTION TREATMENT

"Organize your Events at OMICS Group Conferences"

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

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Email: *addictiontherapy2014@omicsonline.us*

Day 1 August 04, 2014

07:00-08:00 Registrations & Breakfast

Willow

08:00-08:30

Opening Ceremony

Keynote Forum

08:30-08:35 Introduction

08:35-09:00 **Rajendra Badgaiyan**
University of Buffalo, USA

09:00-09:25 **Jason Connor**
The University of Queensland, Australia

09:25-09:50 **Marcelo Febo**
University of Florida, USA

09:50-10:15 **F Gerard Moeller**
Virginia Commonwealth University, USA

Coffee Break 10:15-10:30 @ Foyer

10:30-10:55 **Kelvin Lim**
University of Minnesota, USA

10:55-11:20 **Bryan K Yamamoto**
University of Toledo, USA

11:20-11:55 **Subhash C Pandey**
University of Illinois, USA

Group Photo

11:55-12:10 Panel Discussion

Plenary Session 1: Molecular and Synthetic Aspects of Addiction Studies

Session Chair: Jason Connor, The University of Queensland, Australia
Session Co-Chair: F Gerard Moeller, Virginia Commonwealth University, USA

Session Introduction

12:10-12:30 **MiR-155 Modulates Morphine-induced Immunosuppression by Targeting SK3**
Xiaoni Zhang, Sun Yat Sen University, China

12:30-12:50 **The protective effect of Astaxanthin on fetal alcohol spectrum disorder in mice**
Dong Zheng, Guangzhou Brain Hospital, China

12:50-13:10 **Neuroimaging of reward deficiency syndrome: Chronic stress and behavioral addiction findings**
Igor Elman, Harvard Medical School, USA

Lunch Break 13:10-14:00 @ Oaks

14:00-14:20 **The effect of acute and sub-acute exposure to crude khat (Catha edulis F.) extract on learning and memory in rodents**
Ashenafi Girma Tefera, Addis Ababa University, Ethiopia

14:20-14:40 **Detecting highly stabilized cumulative ~35-37kD isoforms of ΔFosB in postmortem human brain tissue samples of the nucleus accumbens (NAc) of chronic opioid abusers**
Monika Heidemarie Seltenhammer, Medical University of Vienna, Austria

14:40-15:00 **Glutamate transporter 1: Potential target for the treatment of alcoholism**
Youssef Sari, University of Toledo, USA

15:00-15:20 **Resting State Functional Connectivity of Cathinones (Bath Salts)**
Marcelo Febo, University of Florida, USA

15:20-15:30 Panel Discussion

Coffee Break 15:30-15:50 @ Foyer

15:50-16:00 Introduction Symposium 1: Molecular and Epigenetic basis of Alcoholism

16:00-16:25 **Role of DNA methylation in intermittent ethanol exposure-induced changes in neuropeptide Y expression and anxiety-like behaviors**
Amul J Sakharkar, University of Illinois, USA

16:25-16:50 **ALK in the ventral tegmental area regulates binge-like ethanol consumption and dopamine receptor sensitivity in mice**
Amy W Lasek, University of Illinois, USA

16:50-17:15 **Epigenetic differences in the reward circuitry of C57BL/6J vs. DBA/2J mice**
David P Gavin, University of Illinois, USA

17:15-17:40 **Epigenetic control of GABA sensitivity in the ventral tegmental area: Actions of chronic alcohol and reversal by histone deacetylase inhibitors**
Mark S Brodie, University of Illinois, USA

17:40-17:55 Panel Discussion

18:00-19:00 Cocktails sponsored by **Journal of Addiction Research & Therapy @ Oaks**

Day 2 August 05, 2014

Willow

Keynote Forum

09:00-09:40	**Kenneth Blum & Mary Hauser** University of Florida, USA & Dominion Diagnostics, USA
09:40-10:05	**Kathy Sexton-Radek** Elmhurst College, USA
10:05-10:30	**Sara J Nixon** University of Florida, USA
	Coffee Break 10:30-10:50 @ Foyer
10:50-11:15	**William S Jacobs** Medical College of Georgia, USA
11:15-11:40	**John Femino** American Society of Addiction Medicine (ASAM), USA
11:40-12:05	**John J Giordano** The National Institute of Holistic Addiction Studies, USA
12:05-12:30	**Thomas Simpatico** University of Vermont, USA

12:30-12:45 Panel Discussion

Plenary Session: 2
Clinical Aspects of Addiction Studies

Session Chair: Sara J Nixon, University of Florida, USA
Session Co-Chair: Thomas Simpatico, University of Vermont, USA

Session Introduction

12:45-13:05	**Not ashamed but still too poor - Longitudinal changes in barriers to treatment entry foronline treatment seekers** **Adi Jaffe,** Alternatives Addiction Treatment, USA
13:05-13:25	**Adherence monitoring: Minimizing the risk of substance use disorders in chronic pain patients receiving opioid therapy** **Deborah Matteliano,** University at Buffalo, USA

Lunch Break 13:25-14:15 @ Oaks

14:15-14:35	**Preclinical studies of glucocorticoid receptor antagonists in the treatment of alcohol dependence** **Lynda Sharrett-Field,** University of Kentucky, USA
14:35-14:55	**Toward a quantifiable theory of behavior incorporating time, space, behavioral repertoire, and momentary state of well being** **Jesse Milby,** University of Alabama at Birmingham, USA
14:55-15:15	**Medication assisted treatment for opiate addiction: Knowledge and attitudes among substance abuse counselors** **Ann Melvin,** Southern Illinois University, USA
15:15-15:35	**Prescription drug abuse: Americas fastest growing drug problem** **Jane Oakes,** Flinders University South Australia, Australia

Coffee Break 15:35-15:55 @ Foyer

15:55-16:30 Poster Presentations @ Oaks

16:30-16:50	**Harm reduction, new recovery and addiction therapy** **Cynthia Stuhlmiller,** University of New England, Australia
16:50-17:10	**Buprenorphine maintenance treatment of Methamphetamine dependency** **Schwann Shariatirad,** Tehran University of Medical Sciences, Iran
17:10-17:30	**Traditions and punishments: the white rum of the sailor and the whisky of the commander** **Elizabeth Halpern,** Federal University of Rio de Janeiro, Brazil
17:30-17:50	**The effect of HF-rTMS on cue-reactivity in detoxified alcohol** **Sarah Herremans,** Universitair Ziekenhuis Brussel, Belgium

17:50-18:00 Panel Discussion

Session

18:00-18:20	**Basic science strategies for studying FAS: Limitations and concerns** **Sarah E Cavanaugh,** USA

18:20-19:00 Cocktails sponsored by **Journal of Alcoholism & Drug Dependence @ Oaks**

Day 3 August 06, 2014

Willow

08:30-08:35 **Symposium: 2**
Addiction Treatment Alternative

Session Chair: William S Jacobs, Medical College of Georgia, USA
Session Co-Chair: Prapapun Chucharoen, Mahidol University, Thailand

08:35-09:00 **Addiction Treatment Alternative**
Prapapun Chucharoen, Mahidol University, Thailand

09:00-09:25 **Culturally sensitive realignment, re-entry and recovery utilizing cognitive behavioral therapy with formerly incarcerated clients**
Roland Williams, Drug & Alcohol Rehab Asia (DARA), Thailand

09:25-09:50 **Cognitive-behavioral therapy as an effective treatment method in the ASEAN setting**
Matin Peters, Drug & Alcohol Rehab Asia (DARA), Thailand

09:50-10:15 **12 steps in methamphetamine recovery: Case study in Thailand**
Lacha Rueangkit, Mahidol University, Thailand

10:15-10:30 **Panel Discussion**

Coffee Break 10:30-10:50 @ Foyer

Workshop Session:

10:50-11:50 **Bringing it all together: Valuing the expertise of lived experience of recovery from a multicultural perspective**
Jorea Kelley-Hardison, PARfessionals: Peer Advocates for Recovery, USA

11:50-12:00 **Panel Discussion**

Plenary Session 3: Practical Aspects and Recovery in Addiction Treatment

Session Introduction

12:00-12:20 **Attitudes to gambling in Ghanaian adolescents**
Barry Tolchard, University of New England, Australia

12:20-12:40 **Mobile breathalyzers in substance use disorder treatment: Utilization, validity, and utility in treatment provision**
Adi Jaffe, Alternatives Addiction Treatment, USA

12:40-13:00 **The role of social cognitve theory in addiction**
Sandra Rasmussen, Addiction Specialist, USA

13:00-13:20 **Psychiatric medical home model; Medical, substance use disorders and mental health cost savings**
Ronald Bradley, Central Michigan University, USA

Lunch Break 13:20-14:00 @ Oaks

14:00-14:20 **The global problem of solvent inhalant abuse, patterns and hazards**
Alaaeldin A Elkoussi, Assiut University, Egypt

14:20-14:40 **Alcohol abuse altering the genetic structure**
Akshaya Kambhatla, Andhra Medical College, India

14:40-15:00 **Beliefs about addiction, locus of control and relapse proneness in persons with substance use disorders (PSUD's)**
Naumana Amjad, University of the Punjab, Pakistan

15:00-15:20 **Helping clinicians connect: Understanding addiction from the perspective of a drug abuser**
Jasmin Kaur, Singapore Prison Service, Singapore

15:20-15:30 **Panel Discussion**

15:30-15:40 **Poster Presentations Award**

Closing Ceremony

Coffee Break 15:40-16:00 @ Foyer

Bookmark your dates

OMICS Group Conferences
Accelerating Scientific Discovery

4th International Conference and Exhibition on
Addiction Research & Therapy
September 14-16, 2015 Florida, USA



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