International Conference and Exhibition on Dual Diagnosis

Chicago, USA  July 18-19, 2016

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OMICS Group welcomes you to attend the International Conference and Exhibition on Dual Diagnosis during July 18-19, 2016 at Chicago, USA. The main theme of the conference is “Research strategies, advanced technologies and innovations in Dual Diagnosis”

We cordially invite all the participants who are interested in sharing their knowledge and research in the arena of Dual Diagnosis. Dual Diagnosis 2016 anticipates more than 300 participants around the globe with thought provoking Keynote lectures, Oral and Poster presentations. The attending delegates include Editorial Board Members of related OMICS Group Journals.

Dual Diagnosis 2016 facilitates academic, presenter, industrialist and exhibitors from all over the world to a meeting of Neuroscience organizations and Drug addiction committees to discuss the future of the Drug Addiction and mental illness in terms of collaboration, structures and organizational development.

This Conference will provide a forum for exchange of ideas and authoritative views by leading scientists as well as business leaders and investors in this exciting field. Outstanding keynote speakers and well known leading scientists and experts from around the globe will be expected to share their knowledge.

It is a broad audience gathering for exploring the advancement Dual Diagnosis which focuses on its Drug Addiction and Co-occurring Mental disorders prevention and treatments. This is an excellent opportunity for the delegates from Universities and Institutes to interact with the world class Scientists. The intending participants can confirm their participation by registering for the conference along with your colleagues. Avail the delegate early bird offer.

The main theme of the conference is “Research strategies, advanced technologies and innovations in Dual Diagnosis”.

We have the pleasure to invite and welcome you for the participation to our exciting conference. Let us meet in one of the most glorious cities in the world.

Regards,
Dual Diagnosis -2016 Organizing Committee
Welcome Message

My Dear Researchers,

As a member of organizing committee of the International Conference and Exhibition on Dual Diagnosis, It is my pleasure to invite you to this important event during July 21-22, 2015 at Chicago, USA.

Welcome to an important conference regarding common, problematic drug and alcohol use in psychiatric populations.

We have the opportunity to identify drug and alcohol use and addiction as a cause of psychiatric symptoms. DSM-5 guides us on how to exclude effects of alcohol and drugs before making the correct psychiatric diagnosis. Over 50% of the chronic mentally ill population use drugs and alcohol problematically with adverse consequences. Identification and treatment of alcohol and drug use and addiction are vital to our success in treating these people. We are in a unique position to improve and save lives.

The Conference, hosted by the OMICS International Organization, will include workshops, presentations and forums dedicated to sharing skills and understanding in the treatment of all addictive disorders, including alcohol and other drugs, behavioral addictions, and the emerging field of online compulsive behavior in both adults and children.

A priority aim of this Conference will also be to deepen our understanding around the interrelationship of addictive disorders between each other, as well as with mental health, Addiction Psychiatry, family, community, and culture.

The Conference promotes and encourages participation from all parts of the sector towards a shared appreciation of what medical, psycho-social and peer-based approaches can offer, through the experiences of service users, clinicians, and researchers alike.

I am very happy and delighted to participate at this event and anticipate interesting discussion with my colleagues at Chicago in Dual Diagnosis Conference.

Once again I am delighted to invite you to support us in this conference.

With Regards

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OMICS International Journals

- 500 Open Access Journals
- 21 Day rapid review process
- 50000 Editorial team, 55000 Reviewers team
- 3.5 Million readers and high visibility
- More than 100000
- Publication immediately after acceptance
- Quality and quick editorial, review processing

Key features

- User friendly/feasible website translation of your paper to 50 world’s leading languages
- Enhanced feature: Audio version of published paper
- Digital articles to share and explore
- Sharing option: Social networking enabled
- Authors, reviewers and editors are provided with scientific credits

OMICS International Conferences

- 300+ Conferences all over the World every year
- Well organized scientific program
- Renowned speakers and scientists across the globe
- Poster presentations and world class exhibits
- Panel discussions and interactive sessions
- B2B meetings
- Perfect platform for Global Networking

Key features

- Presentation by renowned speakers from all over the world
- Poster presentations and world class exhibits
- Interactive Sessions
- Platform for global networking
- Connecting scientific community

Special Issues

All accepted abstracts will be published in respective OMICS Group Journals

Each abstract will be provided with digital Object Identifier by crossref
Market Analysis

- In USA, specialist mental health settings grew by 61% between 2010 and 2014. USA mental health system, 29% of state and territory mental health spending was dedicated to caring for people in the community by 2014, the share of total mental health expenditure had increased to 53%.
- In 2011 USA National Survey on Drug Use and Health stated that 18.5% of adults with mental illness had a co-occurring substance use disorders, effects 9.98 million people.
- According to the Drug Abuse, Alcohol, and Mental Health Administration, 60% of the 2 million populations with severe mental illness addicted to drugs or alcohol, compared to 15% of the general population.
- The 2014 USA National Survey on Drug Use and Health announced that 17.5% of adults with a mental illness had a co-occurring substance use disorder. This affects 7.98 million people in USA.
- Estimation of psychiatric disorders in Canada is very high, with an estimated 40-60% of adults with severe mental illness experiencing a substance use disorder in their life.
- In the United States attempting to assess the prevalence of dual diagnosis found that 77% of clients with schizophrenia had a substance misuse disorder in their life.
- In Australia, extent of substance misuse of 30% chronically mentally ill patients. Clinical trials reveals, around a third of the population effected with drug addiction leads to mental illness.
- UK studies have shown slightly high rate of substance misuse among mentally ill persons. Research states that individuals suffering from schizophrenia showed just a 7% prevalence of problematic drug use.
- In London, over the previous 6 months cases of alcohol or substance misuse and dependence were identified by clinical trials. The prevalence rates of dual diagnosis were 33% for the use of any substance, 40% for alcohol misuse and 15% for drug misuse. Any illicit drug use was observed in 35% of the sample.
- In 2012, only 15.4% of Americans with co-occurring disorders were receiving both mental health and addictions treatment.
- The World Drugs report for 2014 states 230 million people from the world - 1 in 20 of us took abuse drugs. The report says that problem drug users, mainly heroin - and cocaine-dependent people number about 27 million, nearly 0.6% of the world adult population.
- In USA in 2010–15, 52 government-funded alcohol and other drug treatment agencies provided 17,187 treatment services. An increase of eight treatment agencies and 272 treatment episodes compared with 2010–11. The median ages of persons receiving treatment for their therapeutic use for normal diseases in 2010–11. Alcohol (49%), cannabis (19%) and amphetamines (14%) were again the top three drugs. As in 2010–11, counselling was the most common form of main treatment provided (63%), followed by withdrawal management (8%), rehabilitation and information and education (6%).
- The Government will provide $20.0 million in 2015-16 to extend access to drug addiction, social and mental health services in some drought affected communities.
- Government has committed $20.7 million over five years to develop a detailed annual actuarial valuation of the lifetime liability of Australia’s welfare system, including identifying groups of people most at risk of welfare dependency and the factors that lead to long term dependency.
- Current Funding’s of Projects:
  - Substance abuse and mental health services administration (SAMHSA) - $62.6 million
  - Navajo Regional Behavioural Health Centre (NRBHC) - $34 million
  - National Survey on Drug Use and Health (NSDUH) - $31.5 million
  - National Comorbidity Survey Replication (NCS-R) - $28.2 million
  - National Mental Health Services (NMHS) - $22.3 million

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**Dual diagnosis:** Dual diagnosis is the condition of suffering from a mental disorder and a co-occurring substance abuse problem. Any patient can have a “dual diagnosis”, whereas a patient who is being treated primarily for an addiction disorder can have a “co-occurring” disorder.

**Epidemiology of dual diagnosis:** Epidemiology helps us understand the nature and extent of substance use, abuse, dependence, and associated risk and protective factors in a population. At least 15.3 million persons have drug use disorders, about 3.3 million deaths were attributable to alcohol consumption, and 3.5% to 5.7% of the world's population used other psychoactive substances.

**Imaging techniques for dual diagnosis:** Magnetic resonance and nuclear imaging studies have yielded on the brain dynamics of addiction has become a primary source of medication development strategies. Brain imaging techniques enable researchers to observe drug effects while they are occurring in the brain and compare brain structure, function, and metabolism in drug-abusing and non-abusing individuals.

**Clinical findings and novel approach for Dual diagnosis:** Recent clinical studies have shown that between 30% and 60% of drug abusers have concurrent mental health diagnoses including personality disorders, major depression, schizophrenia, and bipolar disorder.

**Drug Abuse and Drug dependence:** Drug abuse is a patterned use of a drug in which the user consumes the substance in amounts or with methods which are harmful to themselves or others, and is a form of substance-related disorder. Drug dependence is an adaptive state that develops from repeated drug administration, and which results in withdrawal upon cessation of drug use.

**Addictive Disorders:** Addictive disorder is a progressive disease and psychiatric disorder that is defined as “a primary, chronic disease of brain reward, motivation, memory and related circuitry. Foetal alcohol spectrum disorders, Posttraumatic stress disorder, Attention deficit hyperactivity disorder, Anti-social personality disorder, bipolar affective disorder, Obsessive–compulsive disorder are categorised into addictive disorders.

**Pathophysiology and Mechanism of drug addiction:** The primary factor in the development of addiction is neurophysiologic reinforcement. Addiction or dependency may be viewed as a subset of brain and behaviour disorders, which include all psychiatric diagnoses. Reward pathway that governs our instinctual drives when dopaminergic pathway malfunctions, associated with drug addiction.

**Drug induced disorder:** Drug induced disorder, is a condition in which the use of one or more substances leads to a clinically significant impairment or distress. Drug induced disorders are like Alcohol-related dementia, Amphetamine Psychosis. Cocaine induced psychotic disorders are Hallucination, Delusions, Delirium, and mood disorders. Opioid-dependent individuals frequently report suicidal ideation Depression, and insomnia.

**Prevalence of drug addiction and psychological problems:** Psychiatric disorders and addiction frequently occur together in comorbidity or dual diagnosis. Over 50% of drug abusers and almost 40% of alcoholics have at least one serious mental illness. In addition, of all people diagnosed as mentally ill, nearly 30% abuse alcohol, drugs or both. 72% of alcohol abusing males reports that their alcohol use disorder preceded the onset of a mood disorder.

**Psychological Treatment and medication:** Medications are used to treat the symptoms of drug induced mental disorders such as schizophrenia, depression, bipolar disorder, anxiety disorders, and attention deficit-hyperactivity disorder. psychotherapy provided are Cognitive behaviour therapy, Interpersonal psychotherapy; Dialectical behaviour therapy.

**Self-medication:** Self-medication is the use of drugs to treat self-diagnosed disorders or symptoms, or the intermittent or continued use of a prescribed drug for chronic or recurrent disease or symptoms. In global picture 48.1% of respondents reported self-medicating with antibiotics within the past 30 days, 43.4% reported self-medicating with antimalarials, and 17.5% reported self-medication.

**Drug De-addiction & Rehabilitation:** Drug De-addiction is variously the intervention in a case of physical dependence to a drug, the process and experience of a withdrawal syndrome and any of various treatments for acute drug overdose. Drug rehabilitation is the processes of psychotherapeutic treatment, for dependency on psychoactive substances such as alcohol, prescription drugs, and street drugs such as cocaine, heroin or amphetamines.

**Recreational Drugs and Effects:** Recreational drugs are the drugs which alter the state of consciousness in order to create positive emotions and feelings. Drugs commonly considered capable of recreational use include ethanol, cannabis, nicotine, caffeine, and substances within the scope of the United Nations’ Single Convention on Narcotic Drugs and Convention on Psychotropic Substances.
The field of Dual Diagnosis is growing rapidly and its development is making tremendous impacts in medical sciences and pharmaceuticals. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

**Dual Diagnosis 2016**

- Opportunity to attend the presentations delivered by eminent scientists from all over the world
- Selected contributions will be published in following OMICS Group Journals
  - Journal of Addiction Research & Therapy
  - Journal of Addictive Behaviors, Therapy & Rehabilitation
  - Journal of Alcoholism and Drug Dependence
- Participation in sessions on specific topics on which the conference is expected to achieve progress
- Global networking: In transferring and exchanging Ideas
- Conference brings together Researchers, Business Entrepreneurs and Industry Developers
Chicago is the third most populous city in the United States, with over 2.7 million residents; it is the most populous city in the state of Illinois and the Midwest. The Chicago metropolitan area, often referred to as Chicago land, is home to nearly 10 million people and is the third-largest in the U.S.A.

Chicago is located in northeaster Illinois on the south-western shores of Lake Michigan. It is the principal city in Chicago Metropolitan Area situated in the Midwestern United States and the Great Lakes region. Chicago rests on a continental divide at the site of the Chicago Portage, connecting the Mississippi River and the Great Lakes watersheds. The city lays beside huge freshwater Lake Michigan and two rivers the Chicago River in downtown and the Calumet River in the industrial far South Side flow entirely or partially through Chicago. Chicago’s history and economy are closely tied to its proximity to Lake Michigan. While the Chicago River historically handled much of the region’s waterborne cargo, today’s huge lake freighters use the city’s Lake Calumet Harbour on the South Side. The lake also provides another positive effect, moderating Chicago’s climate; making waterfront neighbourhoods slightly warmer in winter and cooler in summer.

Why in Chicago?

- Chicago is the third most populous city in the United States. With over 2.7 million residents, it is the most populous city in the state of Illinois and the Midwest. The Chicago metropolitan area, often referred to as Chicago land, is home to nearly 10 million people and is the third-largest in the U.S.A.

- The increase in the numbers of heroin-related deaths from 2011 to 2012 in the suburban counties around Chicago was the most important finding for the Chicago area for this reporting period. The increases in heroin-related deaths were observed in the suburban Chicago counties of DuPage, Lake, Will, McHenry, and Kane. Epidemiological indicators suggested that heroin, cocaine, and marijuana, cannabis continued to be the most common illicit substances appearing in drug indicators in Chicago during this reporting period. These were also the drugs that were most frequently identified among drug reports from items seized by law enforcement and analysed in National Forensic Laboratory Information System forensic laboratories in the first half of 2013. They accounted for 76 percent of all drug reports among drug items seized and analysed.
About US

Venue
Double Tree by Hilton Chicago - North Shore
9599 Skokie Boulevard, Skokie Illinois
United States-60077-1314

Registration Details
Register online
http://dualdiagnosis.conferenceseries.com/

Important Dates
Abstract Submission Opens: August 01, 2015
Registration Opens: August 01, 2015
Early bird Registration: November 01, 2015
On spot Registration: July 19, 2016

Registration Benefits
Contribute to and learn about the most recent advances in neurological disorders and stroke field
Accepted abstract will be published in respective OMICS journals
Each abstract will receive a Digital Object Identifier (DOI) provided by crossref
Conference will contribute to increment in overall research profile
Golden chance to meet other researchers in neurology field and potential contacts for future positions
International platform for presentation skills and expertise to discuss the research in clear and meaningful way