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Category Poster Presentations: Posters 100–122
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Epidemiology
Other
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2015 NIDA International Forum Abstracts
June 15, 2015–7:00 to 9:00 p.m.

Basic Science

100. Characterization of the lethality and biological safety profiles on rodents of a 10-valent opiate vaccine, the M-TT vaccine

101. Haloperidol and ketanserine prevent psychosis-like behaviors induced by toluene in rats
S.L. Cruz, M. Rivera-Garcia, C. López-Rubalcava. Cinvestav, Mexico

102. Kappa opioid receptor agonist 16-bromosalvinorin A reduces cocaine-seeking in rats
A. Ewald1, J. Miller1, T. Prisinzano2, B. Kivell1. 1Centre for Biodiscovery, Victoria University of Wellington, New Zealand; 2Department of Medicinal Chemistry, The University of Kansas, United States

103. Abuse liability evaluation of mephedrone in humans
M. Farré1,2, C. Pérez-Mañá1,2, J. Mateus1,2, M. Pujadas1, F. Fonseca1, M. Torrens1,2, R. de la Torre1,3, E. Papaseit1,2, 1Hospital del Mar Medical Research Institute-IMIM and Drug Addiction Unit, Parc de Salut Mar, Spain; 2Universidad Autónoma de Barcelona, Spain; 3Universidad Pompeu Fabra, Spain

104. Evaluation of dried urine spot method for detection of cotinine among tobacco users
R. Jain, R. Quraishi, A. Verma. National Drug Dependence Treatment Center, All India Institute of Medical Sciences, India

106. Kappa opioid receptor agonist Mesyl Sal B attenuates behavioral sensitization to cocaine with fewer aversive side effects
B.M. Kivell1, A.S. Morani1, A. Culverhouse1, T.E. Prisinzano2. 1School of Biological Science, Centre for Biodiscovery, Victoria University of Wellington, New Zealand; 2Department of Medicinal Chemistry, The University of Kansas, United States

107. Decreased thalamocortical connectivity in chronic ketamine users: Implications for schizophrenia
Y. Liao1, M. Song2, J. Tang1, J. Liu3, M. Yang1,4,5, M. Ma6, X. Wang1, Q. Deng1, H. Chen1, X. Xiang1, T. Liu4, X. Chen1, W. Hao4. 1Mental Health Institute, the Second Xiangya Hospital of Central South University, China; 2Brainnetome Center and National Laboratory of Pattern Recognition, Institute of Automation, Chinese Academy of Sciences, China; 3The People’s Hospital of Hunan Province, China; 4Department of Addiction Medicine, Hunan Brain Hospital, China; 5School of Public Health, Central South University, China; 6The Kangda Voluntary Drug Rehabilitation Centers in Hunan Province, China

108. The M-TT vaccine preserves its immunogenic efficacy to trigger humoral immune responses in compromised opiate-immunodepressed rodents

109. Development of a combination heroin-HIV vaccine

110. Association between crack addiction and the intron 8 variable number of tandem repeats polymorphism of the DAT1 gene
D. Müller1, A.R. Stolf2, G.C. Akutagava-Martins1, L.S.P. Guimaraes2, F.H.P. Kessler2, F. Pechansky2, T. Roman1. 1Department of Genetics, Federal University of Rio Grande do Sul, Brazil; 2Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Brazil

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111. Reacquisition of cocaine-conditioned place preference and its inhibition by previous social interaction preferentially affect D1-medium spiny neurons in the accumbens corridor

J.M. Prast1, A. Schardl1, C. Schwarzer1, G. Dechant1, A. Saria1, G. Zernig1,2. 1Innsbruck Medical University, Austria; 2Leopold-Franzens University of Innsbruck, Austria

112. Effect of nalbuphine on plasma corticosterone levels and opiate withdrawals

R. Raghav, R. Jain, T.S. Roy, A. Dhawan, P. Kumar. National Drug Dependence Treatment Centre, All India Institute of Medical Sciences, India

113. Cannabis users show increased susceptibility to false memories

J. Riba1, F. Sampedro2, A. Rodríguez-Pujadas3, S. Martínez-Horta1, J. Kulisevsky1, J. Pérez de los Cobos1, A. Rodríguez-Fornells2, M. Valle1. 1Human Neuropsychopharmacology Group, Institut de Recerca de l'Hospital de la Santa Creu i Sant Pau, Spain; 2Universidad de Barcelona, Spain; 3Hospital de la Santa Creu i Sant Pau, Spain

114. Overexpression of GRP78 confers protection against neurocognitive impairment in HIV-infected polydrug users

M. Rodríguez, S. Lopez, M. Rivera, K. Narvaez, L. Cubano, E. Rios, N. Boukli. Universidad Central del Caribe Medical School, United States

115. Immunopharmacological characterization of combination use of two structurally related tetanus toxoid-based morphine vaccines


116. Effects of khat (Catha edulis Forsk) on electrophysiologic properties of the heart and of lung function indices

Y.M. Sewiye. Jimma University, Ethiopia

117. Clinical characteristics and genotype frequencies of the dopamine transporter gene (DAT1/SLC6A3) 3’UTR variable number of tandem repeats in crack cocaine users

A.R. Stolf1, G.C. Akutagava-Martins2, D. Müller2, L.S.P. Guimaraes1, F. Pechansky1, T. Roman2, F.H.P. Kessler1. 1Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Brazil; 2Department of Genetics, Federal University of Rio Grande do Sul, Brazil

118. Effect of hapten density on the induction of antibodies to heroin hapten-protein conjugates

O.B. Torres1,2, R. Jalal1,2, F. Li3,4, J.F.G. Antoline3,4, Z. Beck1,2, A.E. Jacobson1,4, C.R. Alving1, K.C. Rice3,4, G.R. Matyas1. 1U.S. Military HIV Research Program, Walter Reed Army Institute of Research, United States; 2U.S. Military HIV Research Program, Henry M. Jackson Foundation for the Advancement of Military Medicine, United States; 3National Institute on Drug Abuse, National Institutes of Health (NIH), United States; 4National Institute on Alcohol Abuse and Alcoholism, NIH, United States

119. Assessment of oxidative DNA damage biomarker 8-hydroxy-2’-deoxyguanosine among adolescent inhalant users

A. Verma1, R. Jain2, A. Dhawan1, R. Lakshmy2. 1National Drug Dependence Treatment Center, All India Institute of Medical Sciences, India; 2Department of Cardiac Biochemistry, All India Institute of Medical Sciences, India

120. VTA glutamate neurons that co-release GABA can be excitatory or inhibitory

V. Zell, J.H. Yoo, N. Guitierrez-Reed, K. Fife, T.S. Hnasko. University of California San Diego, United States

Epidemiology

200. Screening substance use among college and faculty students in Bucharest

A.O. Abagiu, M.I. Maftei, A. Atomoaie, I.T. Niculescu. National Institute for Infectious Diseases Prof. Dr.Matei Bals, Romania

201. Differences in tobacco use, attitude, and knowledge among young Jordanians

M. Abdoh1, R.M. Jones2. 1Humphrey Fellowship Program, Virginia Commonwealth University, United States; 2School of Medicine and Massey Cancer Center, Virginia Commonwealth University, United States

202. Low threshold methadone protects against HIV incidence in a Canadian setting

K. Ahamad1,2, K. Hayashi3, P. Nguyen2, S. Dobreri2, T. Kerr1,2, J. Montaner1, E. Wood1,2. 1University of British Columbia, Canada; 2British Columbia Centre for Excellence in HIV/AIDS, Canada
203. Effect of Gaza 2014 war on use of smoking, tramadol, and psychoactive drugs among university students
M.F. Al-Afifi1, M. Sakka2, M. Shehada1, R. Afifi1.
1Substance Abuse Research Center, Palestinian Territories; 2Al-Azhar University, Palestinian Territories

204. Findings from the Inaugural Iraqi Community Epidemiological Workgroup on Substance Use
N. Al-Hemiary1, A. Abutheen2, E. Abdulrzaqq3, M. Al-Hachami4, R. Dabbagh5, A. Hasson6, V. Antonini7, R. Rawson8. 1College of Medicine, University of Baghdad, Iraq; 2College of Medicine, Karbala University, Iraq; 3Ministry of Health, Iraq; 4Integrated Substance Abuse Programs, University of California, Los Angeles, United States

205. Age of first use and drug dependence: Data from 617 consecutively ascertained subjects
S. Bacciardi1,2, A.G.I. Maremmani1,2, E. Butelman2, B. Ray3, E. Ducat2, M.J. Kreek2. 1“VP Dole” Dual Diagnosis Unit, Santa Chiara University Hospital of Pisa, Italy; 2Laboratory of the Biology of Addictive Diseases, The Rockefeller University, United States

207. Second online survey on drug use in college students at a private university in El Salvador
F. Bautista Pérez. Universidad Evangélica de El Salvador, El Salvador

208. The use of new psychoactive substances in Belgium: A worrying phenomenon
P. Blanckaert1, T. Windelinckx2, K. Maudens3. 1Belgian Early Warning System Drugs, Belgium; 2Free Clinic Needle Exchange–Antwerp, Belgium; 3Toxicological Center, Antwerp University, Belgium

209. Pharmaceutical opioid use and dependence among people living with chronic pain: Associations observed within the Pain and Opioids IN Treatment (POINT) cohort
G. Campbell1, S. Nielsen1,2, B. Larance1, R. Bruno1,3, R. Mattick1, W. Hall4, N. Lintzeris2,5, M. Cohen6, K. Smith1, L. Degenhardt1,7,8,9. 1National Drug and Alcohol Research Centre, University of New South Wales (UNSW), Australia; 2School of Medicine, University of Tasmania, Australia; 3The Langton Centre, South East Sydney Local Health District Drug and Alcohol Services, Australia; 4St. Vincent’s Clinical School, UNSW Medicine, Australia; 5Sydney Medical School, Sydney University, Australia; 6Black Dog Institute, UNSW, Australia; 7Centre for Youth Substance Abuse Research, University of Queensland, Australia; 8National Addiction Centre, King’s College London, England; 9School of Population and Global Health, University of Melbourne, Australia

210. Characteristics of pregnant women who smoke in Guadalajara, Mexico
O. Campollo1,2, F. Hernandez Mora2, E. Angulo2, A. Guzman2, A. Munguia2, M. Garcia2, J.K. Cunningham3. 1Center of Studies on Alcohol and Addictions, CUCS, Universidad de Guadalajara, Mexico; 2Hospital Civil de Guadalajara, Mexico; 3Department of Family and Community Medicine, University of Arizona, United States

211. Dimensional and categorical phenotypes of opioid use disorder criteria among frequent nonmedical prescription opioid users: Investigating socio-demographic, psychiatric, and source correlates
J.M. Castaldelli-Maia1,2,3, L.H. Andrade4, K.M. Keyes4, M. Cerdá5, D.J. Pilowsky5,6, S.S. Martins7. 1Section of Psychiatric Epidemiology, Department and Institute of Psychiatry, University of São Paulo Medical School, Brazil; 2Interdisciplinary Group of Studies on Alcohol and Drugs, Department and Institute of Psychiatry, University of São Paulo Medical School, Brazil; 3Department of Neuroscience, Medical School, Fundação do ABC, Brazil; 4Department of Epidemiology, Mailman School of Public Health, Columbia University, United States; 5New York State Psychiatric Institute, United States

214. Substance use and adherence among HIV-infected persons receiving antiretroviral therapy in Latin America
R.B. De Boni1, B.E. Shepherd2, B. Grinsztejn1, C. Cesar1, C. Cortés4, D. Padgett5, E. Gotuzzo6, F. Belaunzarán7, S. Duda2, C. McGowan2, The Caribbean, Central and South America Network for HIV Research (CCASAnet)8. 1Instituto de Pesquisa Clínica Evandro Chagas - Fundación Oswaldo Cruz, Brazil; 2Vanderbilt University, United States; 3Fundación Huésped, Argentina; 4Fundación Arriaran, Chile; 5Instituto Hondureño de Seguridad Social and Hospital Escuela, Tegucigalpa, Honduras; 6Universidad Peruana Cayetano Heredia, Lima; 7Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico; 8CCASAnet, Vanderbilt University, United States

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215. Experience of adjunctive cannabis use for chronic noncancer pain: Findings from the Pain and Opioids IN Treatment (POINT) study

L. Degenhardt1,2, N. Lintzeris3,4, G. Campbell1, R. Bruno5, M. Cohen6, M. Farrell7, W. Hall7,8.
1National Drug and Alcohol Research Centre, University of New South Wales (UNSW), Australia; 2School of Population and Global Health, University of Melbourne, Australia; 3Discipline of Addiction Medicine, University of Sydney, Australia; 4The Langton Centre, South East Sydney Local Health District Drug and Alcohol Services, Australia; 5School of Medicine, University of Tasmania, Australia; 6St. Vincent’s Clinical School, UNSW Medicine, Australia; 7Centre for Youth Substance Abuse Research, University of Queensland, Australia; 8National Addiction Centre, King’s College London, England

216. Increase in prevalence of marijuana use among university students in Bolivia, Colombia, Ecuador, and Peru

M. Demarco1, M. Hynes1, J.C. Araneda2, F. Cumsille1. 1Inter-American Observatory on Drugs, Inter-American Drug Abuse Control Commission, Organization of American States, United States; 2Global Synthetics Monitoring: Analyses, Reporting and Trends Programme (SMART)-Latin America, United Nations Office on Drugs and Crime, Switzerland

218. Three rounds of integrated bio-behavioral surveillance confirm declining HIV prevalence among people who inject drugs (PWID) in Ukraine

K. Dumchev1, T. Salyuk2, Y. Sazonova2. 1Institute on Public Health Policy, Ukraine; 2International HIV/AIDS Alliance–Ukraine, Ukraine

219. Use patterns of tobacco and nicotine-containing products among college students in the United States

1School of Medicine, Virginia Commonwealth University, United States; 2Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, United States; 3Wellness Resource Center, Virginia Commonwealth University, United States

220. Aspects of substance abuse among adolescents detained in a juvenile delinquency institution in Upper Egypt

A.A. Elkoussi1, T.S. Bakheet2, S.H. Bakheet2.
1Department of Pharmacology, College of Medicine, Assiut University, Egypt; 2Department of Sociology, College of Arts, Assiut University, Egypt

221. Mortality and cannabis detection in a cohort of patients with opiate, cocaine, and alcohol dependence

D. Fuster1,2, A. Sanvisens1,2, P. Zuluaga1,2, J. Tor1,2, I. Rivas3, R. Muga1,2. 1Internal Medicine Service, Hospital Germans Trias i Pujol, Spain; 2Universitat Autònoma de Barcelona, Spain; 3Municipal Centre for Substance Abuse Treatment, Centro Delta, IMSP, Spain

222. Mixed drug intake and its dosage as a predictor of mental health status, Bahir-Dar, North West Ethiopia

A.G. Gebresilus. College of Education and Behavioral Studies, Addis Ababa University, Ethiopia

223. ASSIST in HIV/AIDS service settings: Comparison of self-screening and peer-support screening method

1Hanoi Medical University, Viet Nam; 2Department of Medicine, Hennepin County Medical Center, United States; 3School of Public Health, Oregon Health & Science University, United States; 4Integrated Substance Abuse Programs, University of California, Los Angeles, United States

224. Occupational and demographic factors associated with drug use among female sex workers in Burma (Myanmar)

K. Hail-Jares1, S. Choi1, J. Huang1, L. Duo2, Z. Luo2. 1Department of International Health, School of Nursing and Health Studies, Georgetown University, United States; 2Yundi Harm Reduction Network, China

225. Naloxone in Egypt—availability and challenges

W. Hassan1,2, R. Naguib1. 1Institute of Psychiatry, Ain Shams University, Egypt; 2Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States


R. Isralowitz, A. Reznik. Regional Alcohol and Drug Abuse Research Center, Spitzer Department of Social Work, Ben Gurion University, Israel
227. Piloting of ASSIST screening tool for identification of alcohol, tobacco, and drug use in pregnancy in two cities of Ukraine
T. Kiriazova¹, T. Tarasova², O. Makarenko¹, O. Zeziulin¹, V. Martinsovskaya³, S. Dvoriak¹.
¹Ukrainian Institute on Public Health Policy, Ukraine; ²UNICEF, Ukraine; ³Ukrainian Center for Socially Dangerous Disease Control, Ministry of Health, Ukraine

228. Transition from heroin use to dependence and treatment seeking among an opioid-dependent sample
B. Larance¹, E. Cama¹, N. Gisev¹, E. Nelson², L. Degenhardt¹. ¹National Drug and Alcohol Research Centre, University of New South Wales, Australia; ²Washington University in St. Louis, United States

229. Diagnosis of hepatitis C virus infection after entry to opioid substitution therapy: A 15-year observational cohort study
S. Larney¹, J. Grebely², M. Falster³, A. Swart⁴, J. Amin², L. Degenhardt¹. ¹National Drug and Alcohol Research Centre, University of New South Wales (UNSW), Australia; ²The Kirby Institute, UNSW, Australia; ³Centre for Health Research, University of Western Sydney, Australia; ⁴Prince of Wales Clinical School, UNSW, Australia

230. Risk of schizophrenia in marijuana users: Findings from a nationwide sample of drug users in Chile
N. Libuy, V. Angel, C. Ibáñez. Department of Psychiatry and Mental Health North, Clinical Hospital, University of Chile, Chile

231. A pre–post comparison in health care service utilization among heroin-using women in methadone maintenance treatment in Taiwan
Y-T. Lien¹,², H-H. Yeh¹, S-Y. Fang¹,², C-Y. Chen¹,². ¹Institute of Public Health, National Yang-Ming University, Taiwan; ²Center for Neuropsychiatric Research, National Health Research Institutes, Taiwan; ³Department of Epidemiology and Biostatistics, Michigan State University, United States

232. Performance of lay outreach workers in a needle exchange program in China
W. Liu¹,², H. Li³, L. Duo⁴, Z. Luo⁵, J. Yang⁶, H. Xue⁶, L. Yang⁶, Z.K. Hail-Jares¹, J. Huang³. ¹School of Public Health, Kunming Medical University, China; ²Kunming Yundi Behavior and Health Research Center, China; ³Yunnan Provincial Center for Disease Prevention and Control, China; ⁴Second People’s Hospital of Yunnan Province, China; ⁵Department of International Health, Georgetown University, United States

233. Gender differences in methamphetamine use in a Mexico-U.S. border city
O. Loza¹, J. Ferreira-Pinto¹, R. Ramos², M.E. Ramos Rodriguez³. ¹University of Texas-El Paso, United States; ²Alliance Border Collaboratives, United States; ³Instituto Nacional de Psiquiatría, Ramón de la Fuente Muñiz, México

235. Psychiatric diagnoses in a cohort of normal volunteers and drug-dependent subjects: Comparative data from 617 consecutive subjects
A.G.I. Maremmani¹², S. Bacciardi¹², E. Butelman², B. Ray¹, E. Ducat³, M.J. Kreek². ¹“VP Dole” Dual Diagnosis Unit, Santa Chiara University Hospital of Pisa, Italy; ²Laboratory of the Biology of Addictive Diseases, The Rockefeller University, United States

236. Application of outreach strategies to international collaborative research
H.V. McCoy¹, A.J.M. Bengoa², A.J. Mendez², J.M. Shultz², D.C. McBride³, R. Achi⁴, S. Lai⁵, M. Zhao⁶, J. Cordova¹. ¹Florida International University, United States; ²University of Miami, United States; ³Andrews University, United States; ⁴University of Costa Rica, Costa Rica; ⁵Johns Hopkins University, United States; ⁶Shanghai Mental Health Center, China

237. Pathways from Gini (index) and neighborhood characteristics to children’s drug use: Multinational study
K. Miyamoto¹². ¹School of Medicine, University of Tokyo, Japan; ²School of Public Health, Drexel University, United States

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239. Predictors of early relapse in adolescent crack users after hospital discharge
H. Moura¹, R. Rosa¹, F. Kessler¹, T.G. Pianca¹, L. Guimarães¹, P. Ferronato¹, E. Pagnussat¹, F. Pechansky¹, L. von Diemen¹. ¹Center for Drug and Alcohol Research, Hospital de Clínicas de Porto Alegre, Federal University of Rio Grande do Sul, Brazil; ²Pontifical Catholic University of Rio Grande do Sul, Brazil

240. Sex-specific disease outcomes of HIV-positive patients in a methadone treatment program with access to cART
R. Muga¹, I. Rivas³, E. Faure³, D. Fuster¹,², P. Zuluaga¹,², J.L. Garcia-Medina¹,², J. Tor¹,², A. Sanvisens¹. ¹Department of Internal Medicine, Hospital Universitari Germans Trias i Pujol, Spain; ²Universitat Autònoma de Barcelona, Spain; ³Municipal Center for Substance Abuse Treatment, Centro Delta, IMSP, Spain; ⁴Escuela Superior de Medicina, Instituto Politécnico Nacional, México

243. Substance abuse prevalence in Karachi and services by Drug Free Pakistan Foundation
F. Naveed¹,². ¹Drug Free Pakistan Foundation, Pakistan; ²Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States

245. Substance dependence criteria, not substance use, associated with HIV virologic control
S. Nolan¹, A.Y. Walley², T.C. Heeren², G.J. Patts², A.S. Ventura², M. Sullivan², J.H. Samet², R. Saitz². ¹Department of Medicine, University of British Columbia, Canada; ²Boston University, United States

249. Pattern of psychoactive substance use among long-distance commercial drivers in Calabar metropolis, Cross River State
T. Onyuku. Federal Neuropsychiatric Hospital–Calabar Cross River State, Nigeria

250. Drug use and injection practices in Tajikistan: Qualitative study in Kulob and Khorog
D. Otiashvili¹, A. Latypov², U. Ibragimov³, I. Kirtadze¹, W. Zule⁴. ¹Addiction Research Center, Alternative Georgia, Georgia; ²Management Sciences for Health, Leadership, Management and Governance, Ukraine; ³Laney Graduate School, Emory University, United States; ⁴RTI International, United States

251. Crack users with conduct disorder have greater association with violence, trauma, and psychiatric comorbidities
M.P. Pachado, D.S. Souza, J.N. Scherer, F. Pechansky, F.H.P. Kessler, S. Faller. Center for Alcohol and Drugs Research, Federal University of Rio Grande do Sul, Brazil

A. Pascale¹, M. Hynes², F. Cumsille², C.B. Bares³. ¹Red Latinoamericana de Investigadores en Drogas (REDLA) Network, Uruguay; ²Inter-American Observatory on Drugs, Inter-American Drug Abuse Control Commission, Organization of American States, United States; ³School of Social Work, Virginia Commonwealth University, United States

252a. Drugs of Abuse and Research in Clinical Toxicology
A. Pascale. Red Latinoamericana de Investigadores en Drogas (REDLA) Network, Uruguay

253. Comparison of DUI prevalences among fatal, nonfatal, and roadside samples of Brazilian drivers
F.P. Pechansky, L. Von Diemen, A.O. Sordi. Center for Drug and Alcohol Studies, Federal University of Rio Grande do Sul, Hospital de Clínicas de Porto Alegre, Brazil; Secretariat for Drug and Alcohol Policies (SENAD) Collaborating Center on Alcohol and Drugs, Brazil

254. Transition from first substance use to crack cocaine: Predictors of faster addiction progression and clinical characteristics in crack cocaine adolescent users
T.G. Pianca¹, R.L. Rosa², A.P. de Assis Begnis³, P.B. Ferronato¹, M.C. Jensen³, L.A.P. Rohde¹, F. Pechansky¹, C.M. Szobot¹. ¹Hospital de Clínicas de Porto Alegre, Universidade Federal do Rio Grande do Sul, Brazil; ²Hospital Psiquiátrico São Pedro, Brazil; ³Universidade Luterana do Brasil, Brazil
256. Association of alcohol use with drug use and weapon carrying among Thai adolescents
O. Saiphoklang1,2, K. Wongboonsin1,2, P. Wongboonsin1, U. Perngparn1, L.B. Cottler1,2. 
1College of Population Studies, College of Public Health Sciences, Chulalongkorn University, Thailand; 2Substance Abuse Training Center in Public Health, University of Florida, United States

257. HIV-related stigma and substance use in a Russian cohort of HIV-infected risky drinkers
J.H. Samet1, K. Lunze1, D.M. Cheng1, D. Lioznov2, E. Quinn1, C. Bridden1, C. Chaisson1, A.Y. Walley1, E. Krupitsky2, A. Raj3, E.J. Edelman4. 1Boston University, United States; 2First St. Petersburg Pavlov State Medical University, Russia; 3University of California, San Diego, United States; 4Yale University, United States

258. Adolescent substance use and specificity of association with educational outcomes in young adulthood
E. Silins1, L.J. Horwood2, D. Fergusson2, G. Patton3, C. Olsson4, D. Hutchinson1, L. Degenhardt1, R. Mattick1. 1National Drug and Alcohol Research Centre, University of New South Wales, Australia; 2Christchurch Health and Development Study, Department of Psychological Medicine, University of Otago, New Zealand; 3Centre for Adolescent Health, Murdoch Children's Research Institute, University of Melbourne, Australia; 4Department of Paediatrics and School of Psychological Sciences, University of Melbourne, Australia

260. “We need more than condoms”: Community mobilization of substance-using female sex workers in Tijuana, Mexico
L.A. Urada1, E. Reed1, T. Gaines1, C. Magis-Rodriguez2, K. Meckel-Parker3, P. Gonzalez-Zuniga4, K.C. Brouwer1. 1Department of Medicine, Division of Global Public Health, University of California, San Diego, 2Concorcio de Investigacion sobre HIV/AIDS and TB, Mexico

261. Cross-sectional and prospective relation of cannabis potency, dosing, and smoking behavior with cannabis dependence: An ecological study
P. Van der Pol, N. Liebregts, T. Brunt, J. van Amsterdam, R. de Graaf, D.J. Korf, W. van den Brink, M. van Laar. The Trimbos Institute, Netherlands Institute of Mental Health and Addiction, The Netherlands; Bonger Institute of Criminology, Academic Medical Centre, University of Amsterdam, The Netherlands

262. Adaptation of a risk and protective factor survey for substance use among 9th and 10th grade students in Burma (Myanmar)
N. Wan1, W.L. Kliewer2. 1Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States; 2Department of Psychology, Virginia Commonwealth University, United States

265. A rapidly changing recreational drug market: Findings from the Canadian Community Epidemiology Network on Drug Use
M.M. Young1,2, T. Pirie1, S. Hosein2. 1Canadian Centre on Substance Abuse, Canada; 2Carleton University, Canada; 3University of Calgary, Canada

266. Substance use dynamics and emergence of new drugs in Ukraine
O. Zeziulin1, K. Dumchev1, O. Varetskaya2, T. Salyuk2. 1Ukrainian Institute on Public Health Policy, Ukraine; 2International HIV Alliance–Ukraine, Ukraine

267. Experiencing maltreatment during childhood and its relationship with drug abuse among select university students in Jamaica
S. Longman-Mills1, W. De La Haye1, R. Mann2, H. Hamilton2, P. Erickson2, A. Khenti2, B. Brands2, N. Giesbrecht3, G. Wright4, F. Cumsille1. 1Faculty of Medical Sciences, The University of the West Indies at Mona, Jamaica; 2Centre for Addiction and Mental Health, Canada; 3Inter-American Drug Abuse Control Commission, United States

Other

R. Aleixandre-Agulló1, F. Bueno-Cañigral2, J.C. Valderrama-Zurián2, D. Melero-Fuentes1, R. Aleixandre-Benavent2, J.C. Pérez-de-los-Cobos5. 1Instituto de Documentación y Tecnologías de la Información, Universidad Católica de Valencia, Spain; 2Plan Municipal de Drogodependencias, Ayuntamiento de Valencia, Spain; 3Departamento de Historia de la Ciencia y Documentación, Universitat de València, Spain; 4Instituto de Gestión de la Innovación y del Conocimiento, Spanish Research Council-CSIC, Spain; 5Servicio de Psiquiatría, Hospital de la Santa Creu i Santa Pau, Spain

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302. The Hubert H. Humphrey Fellowship Program at Virginia Commonwealth University
J.R. Koch, R.L. Balster, A. Breland, L.D. Hedges. Virginia Commonwealth University, United States

303. The VCU Hubert H. Humphrey Fellowship in Substance Abuse Prevention, Treatment, and Policy: A follow-up assessment
O. Leonchuk1, J.R. Koch2, R.L. Balster2, A. Breland2. 1North Carolina State University, United States; 2Virginia Commonwealth University, United States

304. Long-acting reversible contraception (LARC) use and implemental barriers in the Song District, Sarawak, Malaysia
J-L. Lim1,2, C.Z.F. Chua3. 1Ministry of Health, Malaysia; 2Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States; 3Klinik Kesihatan Song, Malaysia

305. International collaboration improves the impact of addiction research articles: A bibliometric analysis
J. McCormally. International Programme in Addiction Studies, Virginia Commonwealth University, United States

306. Scientific evaluation on substance abuse research through Web of Science over the 2008–2012 period
D. Melero-Fuentes1, R. Aguilar-Moya2, J.C. Valderrama-Zuríán1, F. Bueno-Cañigral1, R. Aleixandre-Benavent2, J.C. Pérez-de-los-Cobos6. 1Instituto de Documentación y Tecnologías de la Información, Universidad Católica de Valencia, Spain; 2Departamento de Ciencias de la Educación, Universidad Católica de Valencia, Spain; 3Departamento de Historia de la Ciencia y Documentación, Universitat de València, Spain; 4Plan Municipal de Drogodependencias, Concejalía de Sanidad y Consumo, Ayuntamiento de Valencia, Spain; 5Servicio de Psiquiatría, Hospital de la Santa Creu i Santa Pau, Spain

308. Creating capacity across continents through distance education: A multimethod assessment of the International Programme in Addiction Studies, Master’s in Addiction Studies
L. Cathers1, A. Williams2, M. Loos1, R. Balster1, K. Dyer1, J. Strang2, F. Buisman-Pijlman2, G. Kandler2, A. Salem1. 1Virginia Commonwealth University, United States; 2King’s College London, United Kingdom; 3University of Adelaide, Australia

309. Research experience and training of human resources in mental health and addictions in Leon, Nicaragua
E.A. Herrera Rodriguez. Universidad Nacional Autónoma de Nicaragua-Leon, Nicaragua

Prevention

400. Cannabis, Lord Shiva, and holy men: Cannabis use among sadhus in Nepal
S.L. Acharya1, J. Howard2, S.B. Pant3, J. Copeland2. 1Ministry of Health and Population, Nepal; 2National Cannabis Prevention and Information Centre, University of New South Wales Medicine, Australia; 3Saarathi OST Program, Tribuvan University, Nepal

401. Content analysis of evaluation of effectiveness in prevention programs on drug abuse
R. Aleixandre-Benavent1, D. Ribeiro-Schneider2, F. Bissoli-Neto2, M. Bolaños-Pizarro1, F. Bueno-Cañigral1, J.C. Pérez-de-los-Cobos6. 1Unidad de Información e Investigación Social y Sanitaria, IHMC López Piñero, CSIC-Universidad de Valencia, Spain; 2Núcleo de Pesquisas em Psicologia Clínica, Departamento de Psicologia, Universidade Federal de Santa Catarina, Brazil; 3Plan Municipal de Drogodependencias, Concejalía de Sanidad y Consumo, Ayuntamiento de Valencia, Spain; 4Servicio de Psiquiatría, Hospital de la Santa Creu i Santa Pau, Spain

403. Together, marginalized youths can make a difference in HIV response
Y.Y. Aung. Hubert H. Humphrey Fellow, Virginia Commonwealth University, United States

405. At risk and at home: Young women who have left school early
T. Carney1, B. Myers1,2, K. Johnson1, F.A. Browne3, T. Kline3, I. Doherty5, W.M. Wechsberg4,6. 1Alcohol, Tobacco and Other Drug Abuse Research Unit, South African Medical Research Council, South Africa; 2Department of Psychiatry and Mental Health, University of Cape Town, South Africa; 3RTI International, United States; 4Health, Policy and Administration, Gillings School of Global Public Health, The University of North Carolina, Chapel Hill, United States; 5Psychology in the Public Interest, North Carolina State University, United States; 6Psychiatry and Behavioral Sciences, School of Medicine, Duke University, United States
406. Peak versus off-peak effects of cannabis: Impacts on driving performance
G. Gaffney1,2, G. Milavetz1,2, T. Brown1, A. Spurgin1,3, R.J. Johnson4. 1National Advanced Driving Simulator, University of Iowa, United States; 2Carver College of Medicine, University of Iowa, United States; 3College of Pharmacy, University of Iowa, United States; 4Advanced Brain Monitoring–San Diego, United States

407. Can peers be more important than friends in predicting adolescents’ drug use?
A. Gardikiotis1, W.D. Crano2. 1Aristotle University of Thessaloniki, Greece; 2Claremont Graduate University, United States

408. Substance use disorders among adolescent girls in Paraguay and potential consequences on their offspring
E.G. Gonzalez Willim. Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States

409. National Drug Facts Week campaign in Egypt in collaboration with NIDA
A. Hammad1, M. Elkhouly1, M. Hussein1, H. Hassan2, W. Ebrahim3,4, M. Elhamshary4,5. 1Abbasiya Mental Hospital, Egypt; 2National Research Center, Egypt; 3Ain Shams University, Egypt; 4Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States; 5Psychological Medicine Hospital, Egypt

410. Food insecurity and HIV drug and sex risk behaviors among Russians living with HIV
B. Idrisov1, K. Lunze2, D.M. Cheng3, E. Blokhina3, N. Gnatienko2, G. Patts2, A. Tjurina3, C. Bridden2, C. Chaisson2, M.J. Larson3, E. Krupitsky2, J.H. Samet2. 1Bashkir State Medical University, Russia; 2Boston University, United States; 3First St. Petersburg Pavlov State Medical University, Russia; 4Brandeis University, United States

411. Ambiguous roles of police in harm minimization in Nepal
C.K. Jha, D.M. Donovan. Alcohol and Drug Abuse Institute, University of Washington, United States

413. Reduce substance use and road accidents among commercial drivers in Greater Accra Region, Ghana
S. Koomson. Hubert H. Humphrey Fellowship Program, Virginia Commonwealth University, United States

414. Validation of self-reported risk practices among persons who inject drugs in Ukraine: Findings from the ethnographic study

415. Adapting keepin’ it REAL for Mexico: The effects on trajectories of substance use behaviors
F. Marsiglia1, S. Kulis1, B. Nuño-Gutierrez2, J. Booth3, S. Ayers4. 1Southwest Interdisciplinary Research Center, Arizona State University, United States; 2Mexican Social Security Institute, Mexico; 3School of Social Work, University of Pittsburgh, United States

416. Peer educator program among injecting drug users associated with lower incidence of HIV, HVC, and HVB infection
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417. HIV testing uptake among methadone maintenance treatment patients and testing referrals for their sexual partners
L. Nguyen1, B.X. Tran2. 1School of Public Health, Harvard University, United States; 2Bloomberg School of Public Health, Johns Hopkins University, United States

418. Substance use among secondary school students in Calabar, Nigeria: A study in advance of establishing a school-based prevention program
U.C. Onukogu1, E.E. Ekpe1, B. Edet1, C.A. Anya2. 1Federal Neuro Psychiatric Hospital, Calabar, Nigeria; 2Federal University Zamfara, Nigeria

419. Introduction of a tamper-resistant formulation of controlled-release oxycodone: A prospective cohort study
A. Peacock1, L. Degenhardt2, B. Larance2, E. Cama2, N. Lintzeris3, R. Ali4, R. Bruno4. 1School of Medicine, University of Tasmania, Australia; 2National Drug and Alcohol Research Centre, University of New South Wales, Australia; 3Sydney Medical School, Sydney University, Australia; 4University of Adelaide, Australia

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420. From zero to demand: Moving Guatemala City public schools toward substance abuse prevention for adolescents
M. Porta1, P. Dustman2, J. Booth3. 1Uyumcap Organization, Guatemala City, Guatemala; 2Southwest Interdisciplinary Research Center, Arizona State University, United States; 3School of Social Work, University of Pittsburgh, United States

423. Evaluation of “Choice-8” effect a year after implementing the substance abuse prevention program
V. Ryabukha. “Choice” Prevention Center, Ukraine

424. Risky injection practices among persons who inject drugs (PWID) in smaller Ukrainian cities: An overlooked at-risk population of PWID

427. Factors associated with participation in HIV case management intervention among Russian drug users
O. Tousova1, D.M. Cheng2, E. Blokhina1, C. Bridden3, N. Gnatienko3, E. Quinn2, A. Raj4, T. Kiriazova5, K. Lunze2, A.Y. Walley5, E.M. Krupitsky5,6, J.H. Samet2,3. 1First St. Petersburg Pavlov State Medical University, Russia; 2Boston University, United States; 3Boston Medical Center, United States; 4University of California, San Diego, United States; 5Future Without AIDS—Odessa, Ukraine; 6St. Petersburg Bekhterev Research Psychoneurological Institute, Russia

428. Familias unidas for high-risk adolescents: Cultural adaptation of a U.S. drug and HIV prevention intervention in Ecuador—preliminary results of phase 1 (pilot) testing
G. Valenzuela1, A. Quevedo1, C. Condo1, M. Albán1, G. Prado2, Y. Estrada2, M. Tapia2, M. Velazquez2, P. Jacobs1. 1The Catholic University de Santiago, Ecuador; 2University of Miami, United States

500. An alternative to incarceration of drug users: A comparative study of Ghana and the United States
D. Amankwaah. Narcotics Control Board, Ghana

E. Blokhina1, E.M. Krupitsky1,2, D.M. Cheng3, C. Bridden4, A.Y. Walley5, O. Tousova1, T. Yaroslavtseva1, N. Gnatienko4, L. Forman4, J.H. Samet3,4. 1First St. Petersburg Pavlov State Medical University, Russia; 2St. Petersburg Bekhterev Research Psychoneurological Institute, Russia; 3Boston University, United States; 4Boston Medical Center, United States

502. Limitations to participation in opioid maintenance treatment in Europe
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503. Evaluation of cognitive functioning of co-occurring opiate and amphetamine-type stimulant use disorders in Malaysia
W.T. Chooi1, N.M. Zaharim1, A. Desrosiers2, I. Ahmad1, M.A.M. Yasin1, S.Z. Syed-Jaapar1, R.S. Schottenfeld3, B.K. Vicknasingam1, M.C. Chawarski1. 1Universiti Sains, Malaysia; 2School of Medicine, Yale University, United States

504. A comparison of outcomes and costs in three modalities of opioid dependence treatment in Ukraine
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505. Illicit drug users age 60 and older in Western Rio de Janeiro, Brazil: Trajectory, added risks, and experiences
J. Da Silva, M. Rodrigues, J. Santos. Anna Nery School of Nursing, Federal University of Rio de Janeiro, Brazil

506. Screening, brief intervention, and referral to treatment (SBIRT) implementation in primary care centers in Brazil: Innovative technology-building relationships
F. De Conto, S.A.L. Saraiva, R. de Cerqueira Campos, J. Zepeda. Florianopolis Department of Mental Health and Primary Care, Brazil
507. A 6-month follow-up of an integrated treatment program for opiate addiction and HIV in Vietnam
C. Denis¹, D. Metzger¹, L. Huang², V. Trias², M. Auriacombe³, G. Raguin², S. Mai Thi Hoai⁴, G. Le Truong⁴, J-P. Daulouède²,³,⁵, C. O’Brien¹.
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508. HIV status, mental health, and quality of life among opiate-using adults in Russia
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509. Development of treatment capacity of addicted women in the context of attachment-based therapy
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510. International addiction medicine: A certification exam and new textbook
N. El-Guebaly. University of Calgary, Canada

511. Provision of prescription drugs by the Social Security health care system in Peru from 2005 to 2014
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513. Retention in a methadone maintenance treatment program: Impact of comorbidity
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514. International standards in the treatment of drug use disorders
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515. Implementation of the Matrix Model in Cape Town, South Africa: Evaluating treatment engagement and relapse outcomes
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517. Ensuring continuity of opioid substitution treatment (OST), HIV, and TB treatment for OST patients from annexed Crimea and occupied territory (Donetsk, Luhansk) of Ukraine
Z. Islam, S. Filippovych, T. Tretskaya, A. Shost, Y. Morenets. ICF “International HIV/AIDS Alliance—Ukraine, Ukraine

518. Changes in P300 event-related potentials vary with changes in craving among methamphetamine-dependent patients followed at 3 and 6 months after cessation
H. Jiang¹, W. Zhuang¹, H. Cheng¹, C. Li¹, J. Du¹, H. Sun¹, Z. Chen¹, D. Xu¹, J. Wang¹, M. Zhao¹.
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519. Effectiveness of psycho-educational group therapy to motivate change among addicts in the early stages of change
M.R. Jusoh¹, M.H. Abd. Halim². ¹National Antidrugs Agency, Malaysia; ²Universiti Sains Islam Malaysia, Malaysia

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520. Comprehensive women-centered treatment for substance use in Georgia: Initial examination of drug use and HIV risk
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521. Alcohol screening among opioid agonist patients in a primary care and opioid treatment program
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522. Anhedonia, depression, anxiety, and craving for opiates in opiate addicts stabilized on oral naltrexone and long-acting naltrexone implant
E. Krupitsky1,2, E. Zvartau2, E. Blokhina3, E. Verbitskaya4, V. Palatin5, A. Tyurina5, T. Yaroslavtseva1, N. Bushara3, A. Pecoraro3, G. Woody1. 1St. Petersburg Bekhterev Research Psychoneurological Institute, Russia; 2St. Petersburg Pavlov State Medical University, Russia; 3University of Pennsylvania, United States

523. Changes of CD4 cell counts in patients with antiretroviral treatment and associated factors, including drug use at outpatient clinics in Hanoi
L. La1, T. Le1, D. Nguyen1, H. Nguyen1, H. Tran1, D. Cao1, N. Vu2, T. Do3, H. Le2, X. Le2, S. Nguyen2, H. Vu4. 1Hanoi AIDS Center, Vietnam; 2Hanoi School of Public Health, Vietnam; 3Hanoi Medical School, Vietnam; 4Substance Abuse and Mental Health Services Administration, U.S. Department of Health and Human Services, Vietnam

524. Trends and gender differences in drug use patterns as reported by polydrug users seeking treatment in a therapeutic community in Israel (2011–2014)
M. Lawental1, E. Shahar2, A. Michael3, E. Lawental1. 1University of Haifa, Israel; 2Ha’Derech TC, Israel; 3Tel-Hai Academic College, Israel

525. Incremental cost-effectiveness of a voucher-based contingency management protocol added to cognitive behavioral treatment for smoking cessation
C. López-Núñez, F. Alonso-Pérez, S. Weidberg, L. Pericot-Valverde, R. Secades-Villa. Department of Psychology, University of Oviedo, Spain

526. Compulsory addiction treatment and subsequent hospitalizations: A Swedish registry-based study
L. Lundgren1,2, D. McCarty3, M. Padyab1. 1Umea University, Sweden; 2Boston University, United States; 3Oregon Health & Science University, United States

527. Implementation of case management to link HIV-infected Russian addiction patients to HIV services
K. Lunze1, T. Kiriazova2, E. Blokhina3, N. Gnatienko1, W. Lulach1, C. Curnyn3, N. Bushara3, C. Bridden1, E. Krupitsky2, A. Raj4, A. Gifford4, J.H. Samet5. 1Boston University, United States; 2Future Without AIDS, Ukraine; 3First Pavlov State Medical University, Russia; 4University of California, San Diego, United States

528. Effects of cytidine 5’-diphosphocholine administration on gray matter volumes in methamphetamine dependents
I.K. Lyoo1–3, S. Yoon1, Y.H. Sung4, J. Hwang5, J.E. Kim1,3, E. Namgung1,3, S. Oh1,3, S. Moon1,2, S. Kim1,3, S. Yu1,3, P.F. Renshaw4. 1Ewha Brain Institute, Ewha W. University, South Korea; 2Graduate School of Pharmaceutical Sciences, Ewha W. University, South Korea; 3Brain and Cognitive Sciences, Ewha W. University, South Korea; 4The Brain Institute, University of Utah, United States; 5Department of Psychiatry, Soonchunhyang University, South Korea

529. Vocalized truths: Participation of Iranian drug-using women in a qualitative study
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532. Addressing substance use within primary health care settings in South Africa: Opportunities and challenges
B. Myers1, K. Sorsdahl2. 1Alcohol, Tobacco and Other Drug Research Unit, South African Medical Research Council, South Africa; 2Alan J. Fisher Centre for Public Mental Health, University of Cape Town, South Africa

533. Adult antisocial behaviors in methadone patients with and without comorbid alcohol use disorder

534. An Australian cohort of pharmaceutical opioid users in treatment
S. Nielsen1,2, B. Larance1, N. Lintzeris2-3, S. Holliday4, M. Vanderhaven1, G. Lattas1, A. Horder1n, A. Dunlop5,5, P. Haber1-2, B. Murnion3,4, C. Silsbury7, J. Johnson8, A. Demirkol2,9, C. Sadler4,5,9, N. Phung1, L. Burns1, R. Mattick1, G. Campbell1, M. Farrell1, M. Cohen10,11, R. Bruno12, M. Hardy13, A. Brown4, J. Houseman13, L. Degenhardt1. 1National Drug and Alcohol Research Centre, University of New South Wales, Australia; 2The Langton Centre, South East Sydney Local Health District Drug and Alcohol Services, Australia; 3Discipline of Addiction Medicine, University of Sydney, Australia; 4Drug and Alcohol Clinical Services, Hunter New England Local Health District, Australia; 5University of Newcastle, Australia; 6Royal Prince Alfred Hospital, Australia; 7Drug Health Service, Western Sydney Local Health District, Australia; 8University Centre for Rural Health, Australia; 9Cavalry Mater Hospital, Australia; 10University of New South Wales, Australia; 11St. Vincent’s Hospital, Australia; 12University of Tasmania, Australia; 13Drug and Alcohol Services, Northern Sydney Local Health District, Australia

535. Does cue exposure treatment improve outcomes in smoking cessation treatment? A controlled trial

536. Early mortality after entering a methadone treatment program in Badalona, Spain
I. Rivas Puig1, A. Sanvisens2, E. Faure1, D. Fuster2, T. Muñoz1, R. Manoli1, R. Muga2. 1Municipal Center for Substance Abuse Treatment, IMSP, Spain; 2Department of Internal Medicine, Hospital Universitari Germans Trias i Pujol, Universitat Autònoma de Barcelona, Spain

537. Overlap between food addiction and DSM-5 eating disorders in a treatment-seeking sample
M.C. Rosa1-2, J. Collombat2, C.M. Denis2-3, J. Alexandre2, F. Serre2, M. Auriacombe2, M. Fatseas2. 1Center for Drug and Alcohol Research, Federal University of Rio Grande do Sul, Brazil; 2Addiction Psychiatry, USR3413, CNRS, Univesite Bordeaux, France; 3University of Pennsylvania, United States

538. Higher levels of brain-derived neurotrophic factor associated with inpatient treatment adherence of crack cocaine users

539. Electronic tool for opioid substitution treatment (OST) data collection, processing, and analysis based on the data management platform “SYREX”
A. Shost, Z. Islam, S. Filippovych, V. Kolomiets. ICF “International HIV/AIDS Alliance–Ukraine,” Ukraine

540. HIV/AIDS and opioid use: Current situation in Indonesia
Z. Syarif1, R. Sarasvita2, M. Chawarski3. 1Psychiatry Department, University of Indonesia, Indonesia; 2National Narcotics Board (BNN), Indonesia; 3Psychiatry Department, School of Medicine, Yale University, United States

541. Guidelines for establishment and licensing of treatment and rehabilitation centers in Ghana
F.K. Torkornoo. Demand Reduction Division, Narcotics Control Board, Ghana
542. Opioid substitution treatment in Spain: 20 years of experience in harm reduction programs
M. Torrens1,2,3, F. Fonseca1,2, C. Castillo1,2, A. Domingo-Salvany2. 1Institut de Neuropsiquiatria i Addiccions–Parc de Salut Mar, Spain; 2Institut Hospital del Mar d’Investigacions Mèdiques, Spain; 3Psychiatry Department, Autonomous University of Barcelona, Spain

543. Patient preference and willingness to pay for stand-alone, integrative, and satellite models of dispensing methadone for the treatment of opioid dependence in Vietnam
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544. Effects of fixed or self-titrated dosages of Sativex on cannabis users
J.M. Trigo1, D. Lagzdins1, J. Rehm2, P. Selby3, I. Gamaleddin1, B. Fischer2,4, A.J. Barnes3, M. Huestis1, B. Le Foll1,2,3. 1Translational Addiction Research Laboratory, Campbell Family Mental Health Research Institute, Centre for Addiction and Mental Health (CAMH), Canada; 2Social and Epidemiological Research, CAMH, Canada; 3Ambulatory Care and Structured Treatments, CAMH; 4Faculty of Health Sciences, Simon Fraser University, Canada; 5National Institute on Drug Abuse, National Institutes of Health, United States

545. Factors associated with illicit methadone injecting in a Canadian setting
D. Tucker1, M-J. Milloy1,2, K. Hayashi1,2, R. Lung1, P. Nguyen1, T. Kerr1,2, E. Wood1,2,3. 1British Columbia Centre for Excellence in HIV/AIDS, St. Paul’s Hospital, Canada; 2Department of Medicine, University of British Columbia, Canada

546. Cannabidiol attenuates the increased susceptibility to false memories produced by tetrahydrocannabinol
M. Valle1, L.C. Martial1, M. Garrido1, A. Rodríguez-Fornells2, M. Puentes1, R.M. Antonijoan1, J. Claramunt1, D. Martínez2, M. González2, M. Martínez2, J. Pérez de los Cobos3, J. Riba1. 1Institut de Recerca de l’Hospital de la Santa Creu i Sant Pau, Spain; 2Universidad de Barcelona, Spain; 3Hospital de la Santa Creu i Sant Pau, Spain

547. Aripiprazole and risperidone in treatment of methamphetamine-associated psychosis in China: A pilot randomized study
G. Wang1, Y. Zhang2, S. Zhang2, H. Chen2, Z. Xu2, W. Hao1, M.C. Chawarski1. 1Mental Health Center, The Second Xiangya Hospital, China; 2Wuhan Mental Health Center, China; 3Department of Psychiatry, School of Medicine, Yale University, United States

549. Cognitive impairments and psychological well-being of methamphetamine addicts
N. Zhong, H. Jiang, J. Du, Y. Zhao, C. Li, W. Zhuang, X. Li, W. Wang, M. Zhao. Shanghai Mental Health Center, School of Medicine, Shanghai Jiaotong University, China

550. Research for prevention and for improving access to substance abuse treatment in Peru
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Author Name | Poster Number | Author Name | Poster Number
--- | --- | --- | ---
Abagi, Adrian O. | 200 | El Shahawy, Omar | 219
Abdoh, Mariam | 201 | El-Guebaly, Nady | 510
Acharya, S.L. (Copeland, Jan) | 400 | Elkoussi, Alaeldin A. | 220
Ahamad, Keith | 202 | Elhamshary, Mohammed, see Hammad, M.
Al-Afifi, Mohammed Fathi | 203 | Ewald, Amy | 102
Al-Diwan, Jawad, see Al-Hemiary, N. | | Farré, Magi | 103
Al-Hemiary, Nesif (Al-Diwan, Jawad) | 204 | Fiestas, Fabian A. | 512
Aleixandre-Agulló, Rafael | 300 | Fonseca, Francina | 513
Aleixandre-Benavent, Rafael | 401 | Fuster, Daniel | 221
Amankwaah, Daniel | 500 | Gaffney, Gary | 406
Anton, Benito, see Salazar, A. | 100 | Gardikiotis, Antonis | 407
Aung, Yu Yu | 403 | Gebresilis, Asfaw G. | 222
Bacciardi, Silvia | 205 | Gerra, Gilberto (Busse, Anja) | 514
Bautista-Pérez, Fabio | 207 | Giang, Le Minh | 223
Blanckaert, Peter | 208 | Gonzalez Willim, E. Geraldine | 408
Blokhina, Elena | 501 | Gouse, Hetta | 515
Boukli, Nawal, see Rodriguez, M. | | Hail-Jares, Katie | 224
Brandt, Laura | 502 | Hammad, Mohammed (Elhamshary, Mohammed) | 409
Busse, Anja, see Gerra, G. | | Hassan, Walid | 225
Bustamante, Ines | 550 | Herrera Rodriguez, Emiliano A. | 309
Campbell, Gabrielle | 209 | Idrisov, Bulat | 410
Campollo, Octavio | 210 | Islam, Zahedul | 517
Carney, Tara | 405 | Isralowitz, Richard | 226
Castaldelli-Maia, João Mauricio | 211 | Jain, Raka | 104
Cathers, Lauretta | 308 | Jha, Chandra K | 411
Chooi, Weng-Tink | 503 | Jiang, Haifeng | 518
Chtenguelov, Victor | 504 | Jusoh, Mohd Rafidi | 519
Copeland, Jan, see Acharya, S.L. | | Kiriazova, Tetiana | 227
Cruz, Silvia L | 101 | Kirtadze, Irma | 520
Da Silva, Jaqueline | 505 | Kivell, Bronwyn | 106
De Boni, Raquel | 214 | Klimas, Jan | 521
De Conto, Fernanda | 506 | Koch, J. Randy | 302
Degenhardt, Louisa | 215 | Koomson, Sylvester | 413
Demarco, Maria | 216 | Krupitsky, Evgeny | 522
Denis, Cecile | 507 | Kushakov, Vyacheslav | 414
Desrosiers, Alethea | 508 | La, Lan (Vu, Hoang) | 523
Dolezalova, Pavla | 509 | Larance, Briony | 228
Dumchev, Konstantin | 218 | Larney, Sarah | 229

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<table>
<thead>
<tr>
<th>Author Name</th>
<th>Poster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liao, Yanhui</td>
<td>107</td>
</tr>
<tr>
<td>Leonchuk, O.</td>
<td>303</td>
</tr>
<tr>
<td>Liao, Yanhui</td>
<td>107</td>
</tr>
<tr>
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<td>230</td>
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<td>304</td>
</tr>
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<td>232</td>
</tr>
<tr>
<td>Longman-Mills, Samantha</td>
<td>267</td>
</tr>
<tr>
<td>López-Nuñez, Carla</td>
<td>525</td>
</tr>
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<td>233</td>
</tr>
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<td>Lundgren, Lena</td>
<td>526</td>
</tr>
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<td>527</td>
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<td>528</td>
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<td>235</td>
</tr>
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<td>Marsiglia, Flavio</td>
<td>415</td>
</tr>
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<td>108</td>
</tr>
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<td>109</td>
</tr>
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<td>McCormally, Judy</td>
<td>305</td>
</tr>
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<td>McCoy, Clyde, see McCoy, H.V.</td>
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<td>McCoy, H. Virginia (McCoy, Clyde)</td>
<td>236</td>
</tr>
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<td>306</td>
</tr>
<tr>
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</tr>
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<td>237</td>
</tr>
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<td>239</td>
</tr>
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<td>240</td>
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<td>110</td>
</tr>
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<td>532</td>
</tr>
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<td>Myint, Rosie</td>
<td>416</td>
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<td>243</td>
</tr>
<tr>
<td>Ngjelina, Enkelejda</td>
<td>533</td>
</tr>
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</tr>
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<td>534</td>
</tr>
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<td>418</td>
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<td>249</td>
</tr>
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</tr>
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<td>251</td>
</tr>
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<td>252, 252a</td>
</tr>
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<td>Peacock, Amy</td>
<td>419</td>
</tr>
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<td>253</td>
</tr>
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<td>254</td>
</tr>
<tr>
<td>Porta, Maria</td>
<td>420</td>
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<tr>
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<td>111</td>
</tr>
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<td>Raghav, Rahul</td>
<td>112</td>
</tr>
<tr>
<td>Riba, Jordi</td>
<td>113</td>
</tr>
<tr>
<td>Rivas Puy, Inmaculada</td>
<td>536</td>
</tr>
<tr>
<td>Rodriguez, Madeline (Boukli, Nawal)</td>
<td>114</td>
</tr>
<tr>
<td>Rosa, Marco C.</td>
<td>537</td>
</tr>
<tr>
<td>Ryabukha, Valeri</td>
<td>423</td>
</tr>
<tr>
<td>Saiphoklang, On-Anong</td>
<td>256</td>
</tr>
<tr>
<td>Salazar, Alberto (Anton, Benito)</td>
<td>117</td>
</tr>
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<td>Saluk, Tetyana</td>
<td>424</td>
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<td>538</td>
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<td>Sewiye, Yohannes</td>
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<td>539</td>
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<td>258</td>
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<td>119</td>
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<td>544</td>
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<td>260</td>
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<td>261</td>
</tr>
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<td>Verma, Arpita</td>
<td>121</td>
</tr>
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<td>Vu, Hoang, see La, L.</td>
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<td>Wan, Nanda</td>
<td>262</td>
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<td>547</td>
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<td>265</td>
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<td>122</td>
</tr>
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<td>Zernig, Gerald, see Prast, J.M.</td>
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