

Dr Dan Lubman

Bsc (Hons), MB ChB, PhD, FACHAM, FRANZCP

Associate Professor in Addiction Psychiatry

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Other Appointments

- Consultant Psychiatrist, ORYGEN Youth Health
- Research Director, Western Melbourne *headspace*

Research Areas

- Youth comorbidity
- Neurobiology of addiction
- Substance use and the adolescent brain

Current Research Projects

- Developing an integrated comorbidity service for young drug users
- An integrated pharmacological and psychological approach to young people with comorbid depression and substance abuse
- Determining the effectiveness of adjunctive CBT for young people with co-occurring mood, anxiety and problematic substance use
- Comorbid substance use in young people with first-episode psychosis
- Characteristics, course and outcome of substance-induced psychosis in first-episode psychosis
- An investigation of psychosis-proneness in amphetamine users: a multisite study
- Substance use first aid guidelines
- Identifying BBV/STI amongst young people with mental health problems
- Understanding sexual decision-making in young people: the role of psychosis

- Ecstasy users: Vulnerability factors for depression and anxiety symptomatology
- Inhibitory control over cognition and behaviour in addiction: A neuropsychological examination
- Investigation of brain circuits underlying compulsive behaviour in opiate dependence
- Neuropsychological and neurobiological effects of inhalant abuse
- Neuropsychological and neurobiological effects of heavy long-term cannabis use
- Quantifying the neurocognitive impact of cannabis across the life span: The evolution of memory deficits
- Determining the cognitive sequelae of adolescent cannabis use: a longitudinal cohort study
- Substance use and adolescent brain development
- The neuropsychology of risk-taking behaviour
- National cannabis mental health early intervention and training program

Teaching Areas

- Addiction Psychiatry
- General Psychiatry

Brief Profile

Dr. Dan Lubman is a Consultant Psychiatrist and Associate Professor at the ORYGEN Research Centre, University of Melbourne, where he heads a clinical research unit that investigates problematic substance use and co-occurring mental health issues in youth. Since 2003, he has partnered with a broad range of drug and alcohol services and research centres, both nationally and internationally, and has successfully obtained over \$1,000,000 in treatment grants to develop comorbidity services for young people with co-occurring mental health and substance use issues. He is a chief investigator on a number of large research projects investigating substance use amongst young people, including studies within primary care, drug treatment and mental health settings. In recognition of his work, he was recently awarded the Organon Young Psychiatrist Award by the RANZCP.

In 2004, he was invited to become a member of the Scientific Advisory Board for Addiction Neuroscience Network Australia (ANNA), a national body promoting neurobiological research into addiction. In 2006, he was elected Chair of the RANZCP Section for Addiction Psychiatry, which is responsible for overseeing drug and alcohol training and policy for the College. Recently, he was invited to become a Board Member of the National Drug Research Institute, as well as a member of the Advisory Committee of the newly established National Cannabis Prevention and Information Centre.

He has lectured widely on the neurobiology of addiction, as well issues related to dual diagnosis and substance use in youth. He is frequently approached to lecture on these topics, and teaches on undergraduate and postgraduate courses. He regularly serves as a reviewer for a range of journals and granting bodies including *Addiction*, *Acta Psychiatrica Scandinavica*, *Drug and Alcohol Review*, *British Journal of Pharmacology*, *Journal of Psychopharmacology*, *Journal of Substance Abuse Treatment*, and *Medical Journal of Australia*. He is also a member of the International Advisory Board of the newly established international journals *Early Intervention in Psychiatry* and *Current Drug Abuse Reviews*. He is a regular presenter at international conferences in the fields of addiction and comorbidity, and has presented over 70 abstracts since 2002. He has published over 70 peer-reviewed scientific papers and book chapters, mostly relating to substance use topics, such as comorbidity, drug use in young people or the neurobiology of addiction. Since the beginning of 2003, he has been involved in attracting over \$3,000,000 in research funding, including an NHMRC Centre of Clinical Research Excellence Grant focusing on preventive and early intervention strategies in emerging mental disorders in young people.

Selected Publications

Chapters

1. Yücel M & Lubman DI (2006). Addictive behaviour. In *Drugs and Society Vol 1*. New York, Marshall Cavendish Corporation; 29-33.
2. Lubman DI & Hides L (2006). Glue sniffing. In *Drugs and Society Vol 2*. New York, Marshall Cavendish Corporation; 422-423.
3. Bonomo Y & Lubman DI (2006). Heroin addiction treatment. In *Drugs and Society Vol 2*. New York, Marshall Cavendish Corporation; 451-455.
4. Hides L, Lubman DI, Yücel M (2006) Vulnerabilities to addiction. In *Drugs and Society Vol 3*. New York, Marshall Cavendish Corporation; 864-867.
5. Lubman DI & Rogers N (2006). Youth culture. In *Drugs and Society Vol 3*. New York, Marshall Cavendish Corporation; 883-886.
6. Lubman DI, Yücel M & Brewer WJ (2006). Probes of behavior regulation: olfactory models in addiction. In *Olfaction and the Brain*. Brewer WJ, Castle DJ & Pantelis C (eds). Cambridge University Press; 119-132.
7. Hides L, Lubman DI, Kay-Lambkin F & Baker A (2007). Young people with co-existing mental health and drug and alcohol problems. In *Clinical handbook of co-existing mental health and drug and alcohol problems*. Baker A & Velleman R (eds). London, Brunner-Routledge; 130-156.
8. Lubman DI, Bonomo Y & Yücel M (2007). Drug use in young people: Short-term effects and long-term harms. In *Clinics in Developmental Medicine. Alcohol, drugs and young people: Clinical Approaches*. Gilvarry E & McArdle P (eds). London, MacKeith Press; 18-50.
9. Wade D, Hides L, Baker A & Lubman DI (2008). Substance use and psychosis. In *The Recognition and Management of Early Psychosis: A Preventive Approach*. Jackson HJ & McGorry PD (eds). Cambridge University Press; in press.
10. Yücel M, Lubman DI, Solowij N & Brewer WJ (2008). Neurobiological and neuropsychological pathways into substance use and addictive behaviour. In *The Neuropsychology of Mental Illness*. Wood SJ, Allen NB & Pantelis C (eds). Cambridge University Press; in press.
11. Lubman DI & Hides L (2008). Alcohol and depression. In *Responding to Co-occurring Mental Health and Drug Disorders*. Allsop S & Saunders B (eds). Melbourne, IP Communications; in press.
12. Lubman DI, Hides L & Elkins K (2008). Management of co-occurring substance use and mental health disorders in youth. *Clinical Practice Guidelines for Managing Comorbidity*. Sydney, Australian Centre for Addiction Research; in press.
13. Lubman DI, Hides L & Elkins K (2008). Dual diagnosis: an issue of dual disorders or a dual system? Theory, Evidence and Context: Contemporary Innovations in Alcohol and Other Drug Practice in Australia. Moore D & Dietze P (eds). Oxford University Press; in press.
14. Lubman DI (2008). Co-occurring substance misuse. *Current Schizophrenia*. Lambert M & Naber D (eds). Science Press; in press.

Papers

1. Simpson MDC, Lubman DI, Slater P & Deakin JFW (1996). Autoradiography with [³H]-OH-DPAT reveals increases in 5-HT_{1A} receptors in ventral prefrontal cortex in schizophrenia. *Biological Psychiatry*; 39: 919-928. IF=7.2
2. Lubman DI, Peters LA, Mogg K, Bradley BP & Deakin JFW (2000). Attentional bias for drug cues in opiate dependence. *Psychological Medicine*; 30: 169-175. IF=3.8

3. Velakoulis D, Lubman DI, Brett A & Russell D (2002). Conn's dementia. *Lancet Neurology*; 1: 131. IF=9.5
4. Lubman DI, Velakoulis D, McGorry P, Smith D, Brewer W, Desmond P, Tress B & Pantelis C (2002). Incidental radiological findings on brain magnetic resonance imaging in first-episode psychosis and chronic schizophrenia. *Acta Psychiatrica Scandinavica*; 106: 331-337. IF=3.9
5. Lubman DI & Castle DJ (2002). Late onset schizophrenia. *Current Psychiatry*; 1: 35-44.
6. Lubman DI & Sundram S (2003). Substance use in patients with schizophrenia: a primary care guide. *Medical Journal of Australia*; 178: S71-S75. IF= 2.6
7. Greenwood-Smith C, Lubman DI & Castle DJ (2003). Serum clozapine levels: a review of their clinical utility. *Journal of Psychopharmacology*; 17(2): 231-235. IF=3.3
8. Lubman DI, Pantelis C, Desmond P, Proffitt TM & Velakoulis D (2003). Moyamoya disease in a patient with schizophrenia. *Journal of the International Neuropsychological Society*; 9: 806-810. IF=2.4
9. Lubman DI, Koutsogiannis Z & Kronborg I (2003). Emergency management of inadvertent accelerated opiate withdrawal in dependent opiate users. *Drug & Alcohol Review*; 22: 433-436. IF=1.4
10. Conus P, Lubman DI, Pilet F, Zullino D & Bonsack C (2004). La boîte à outils du praticien: drogues et psychose: que faire? [Drugs and psychoses: what to do?] *Revue Médicale de la Suisse Romande*; 124: 149-151.
11. Lubman DI, Yücel M & Pantelis C (2004). Addiction, a condition of compulsive behaviour: Neuroimaging and neuropsychological evidence of inhibitory dysregulation. *Addiction*; 99: 1491-1502. IF=4.1
12. Yücel M, Lubman DI & Pantelis C (2004). Addiction, disinhibition, impulsivity, compulsivity: What's the difference, why does it matter and what is the role of context? *Addiction*; 99: 1506-1507. IF=4.1
13. Hides L, Lubman DI & Dawe S (2004). Models of co-occurring substance misuse and psychosis: Are personality traits the missing link? *Drug & Alcohol Review*; 23: 425-432. IF=1.4
14. Lambert M, Conus P, Lubman DI, Wade D, Yuen H, Moritz S, Naber D, McGorry PD & Schimmelmann B (2005). The impact of substance use disorders on clinical outcome in 643 patients with first-episode psychosis. *Acta Psychiatrica Scandinavica*; 112: 141-148. IF=3.9
15. Lubman DI, Velakoulis D & Pantelis C (2005). A case of hydrocephalus occlusus presenting as bipolar disorder - Invited commentary. *Acta Psychiatrica Scandinavica*; 112: 162-163. IF=3.9
16. Rogers N & Lubman DI (2005). An accelerated hepatitis B vaccination schedule for young drug users. *Australian & New Zealand Journal of Public Health*; 29: 305-307. IF=1.1
17. Hercus M, Lubman DI & Hellard M (2005). Blood borne viral and sexually transmissible infections among psychiatric populations – what are we doing about them? *Australian & New Zealand Journal of Psychiatry*; 39: 849-855. IF=1.9
18. Whittle S, Allen NB, Lubman DI & Yücel M (2006). The neural correlates of temperament: Towards a better understanding of psychopathology. *Neuroscience and Biobehavioral Reviews*; 30: 511-525. IF=8.3
19. Walterfang M, Fietz M, Fahey M, Sullivan D, Leane P, Lubman DI & Velakoulis D (2006). The neuropsychiatry of Niemann-Pick Type C disease in adulthood. *Journal of Neuropsychiatry & Clinical Neurosciences*; 18: 158-170. IF=2.0
20. McKetin R, McLaren J, Lubman DI & Hides L (2006). The prevalence of psychotic symptoms among methamphetamine users. *Addiction*; 101: 1473-1478. IF=4.1
21. Lubman DI, Hides L & Yücel M (2006). Inhalant misuse in youth: The need for a coordinated response. *Medical Journal of Australia*; 185: 327-330. IF=2.6

22. Yücel M, Lubman DI, Velakoulis D, Wong MTH, Wood SJ, Condello A, Brewer WJ & Pantelis C (2006). Structural brain correlates of alcohol and cannabis use in recreational users. *Acta Neuropsychiatrica*; 18: 1-4. IF=0.7
23. Mocellin R, Lubman DI, Lloyd J, Tomlinson EB & Velakoulis D (2006). Reversible dementia with psychosis: Hashimoto's encephalopathy. *Psychiatry & Clinical Neurosciences*; 60: 761-763. IF=1.1
24. Jorm AF & Lubman DI (2007). Promoting community awareness of the link between illicit drugs and mental disorders. *Medical Journal of Australia*; 186: 5-6. IF=2.6
25. Lubman DI (2007). Addiction neuroscience and its relevance to clinical practice. *Drug & Alcohol Review*; 26: 1-2. IF=1.4
26. Yücel M & Lubman DI (2007). Neurocognitive and neuroimaging evidence of behavioural dysregulation in human drug addiction: Implications for diagnosis, treatment and prevention. *Drug & Alcohol Review*; 26: 33-39. IF=1.4
27. Hides L, Lubman DI, Devlin H, Cotton S, Aitken C, Gibbie T & Hellard M (2007). The reliability and validity of the K10 and PHQ amongst injecting drug users. *Australian & New Zealand Journal of Psychiatry*; 41: 166-168. IF=1.9
28. Olivier D, Lubman DI & Fraser R (2007). Tobacco smoking within psychiatry inpatient settings: biopsychosocial perspective. *Australian & New Zealand Journal of Psychiatry*; 41: 572-580. IF=1.9
29. Lubman DI, Allen NB, Peters LA & Deakin JFW (2007). Electrophysiological evidence of the motivational salience of drug cues in opiate addiction. *Psychological Medicine*; 37: 1203-1210. IF=3.8
30. Yücel M, Lubman DI, Harrison BJ, Fornito A, Allen NB, Wellard RM, Roffel K, Clarke K, Wood SJ, Forman S, & Pantelis C (2007). Neuronal, physiological and brain-behavioural abnormalities in opiate addicted individuals. *Molecular Psychiatry*; 12: 611. IF=11.8
31. Yücel M, Lubman DI, Harrison BJ, Fornito A, Allen NB, Wellard RM, Roffel K, Clarke K, Wood SJ, Forman S, & Pantelis C (2007). A combined spectroscopic and functional MRI investigation of the dorsal anterior cingulate region in opiate addiction. *Molecular Psychiatry*; 12: 691-702. IF=11.8
32. Hides L, Lubman DI, Elkins K, Wong L & Rogers N (2007). Feasibility and acceptability of a mental health screening tool and training program in the youth AOD sector. *Drug & Alcohol Review*; 26: 505-511. IF=1.4
33. Hides L, Elkins K, Wong L, Mathias S, Kay-Lambkin F & Lubman DI (2007). Feasibility and outcomes of an innovative cognitive-behavioural skill training program for co-occurring disorders in the youth AOD sector. *Drug & Alcohol Review*; 26:513-519. IF=1.4
34. Lubman DI, Jorm AF & Morgan A (2007). Psychiatrists' views of the helpfulness of reducing cigarette use for young people with mental disorders. *Australian & New Zealand Journal of Psychiatry*; 41: 705. IF=1.9
35. Lubman DI, Hides L & Jorm AF (2007). Beliefs of young people and their parents about the harmfulness of alcohol and cannabis for mental disorders. *Medical Journal of Australia*; 187: 266-269. IF=2.6
36. Lubman DI, Hides L, Jorm AF & Morgan A (2007). Health professionals' recognition of co-occurring alcohol and depressive disorders in youth: a survey of Australian GPs, psychiatrists, psychologists and mental health nurses using case vignettes. *Australian & New Zealand Journal of Psychiatry*; 41: 830-835. IF=1.9
37. Lubman DI, Hides L, Yücel M & Toumbourou J (2007). Intervening early to reduce developmentally harmful substance use amongst youth populations. *Medical Journal of Australia*; 187: S22-S25. IF=2.6

38. Lubman DI, Allen NB, Rogers N, Cementon E & Bonomo Y (2007). The impact of co-occurring mood and anxiety disorders among substance-abusing youth. *Journal of Affective Disorders*; 103: 105-112. IF=3.1
39. Baker K, Lubman DI, Cosgrave EM, Killackey E, Yuen HP, Hides L, Baksheev G, Buckby J & Yung AR (2007). The impact of co-occurring substance use on six-month outcomes for young people seeking mental health treatment. *Australian & New Zealand Journal of Psychiatry*; 41: 896-902. IF=1.9
40. Lubman DI, Yücel M & Hall WD (2007). Substances and the adolescent brain: A toxic combination? *Journal of Psychopharmacology*; 21: 792-794. IF=3.3
41. Yücel M, Lubman DI, Solowij N & Brewer W (2007). Drug addiction: a neuropsychological perspective. *Australian & New Zealand Journal of Psychiatry*; 41: 957-968. IF=1.9
42. Lubman DI & Yücel M (2008). Adolescent substance use and the developing brain. *Developmental Medicine and Child Neurology*; 50: 76-77. IF=2.0
43. Takagi M, Lubman DI & Yücel M (2008). Interpreting neuropsychological impairment amongst adolescent inhalant users: two case reports. *Acta Neuropsychiatrica*; 20: 41-43. IF=0.7
44. Lubman DI, Jurd S, Baigent M & Krabman P (2008). Putting “addiction” back in psychiatry: The RANZCP Section of Addiction Psychiatry. *Australasian Psychiatry*; 16: 39-43.
45. McKetin R, Ross J, Kelly E, Baker A, Lee N, Lubman DI & Mattick R (2008). A comparison of harms associated with injecting vs. smoking methamphetamine among methamphetamine treatment entrants in Australia. *Drug & Alcohol Review*; 27: 277-285. IF=1.4
46. Lubman DI & Yücel M. Drugs, mental health and the adolescent brain: implications for early intervention (2008). *Early Intervention in Psychiatry*; 2: 63-66.
47. Mathias S, Lubman DI & Hides L (2008). Substance-induced psychosis: a diagnostic conundrum. *Journal of Clinical Psychiatry*; 69: 358-367. IF=5.5
48. McKetin R, McLaren J, Lubman DI & Hides L (2008). Hostility among methamphetamine users experiencing psychotic symptoms. *American Journal on Addictions*; 17: 235-240. IF=1.4
49. Lubman DI, Yücel M & Lawrence A (2008). Inhalant abuse among adolescents: neurobiological considerations. *British Journal of Pharmacology*; 154: 316-326. IF=3.8
50. Featherby T, van den Buuse M, Lubman DI & Lawrence AJ. Persistent downregulation in hippocampal CREB mRNA parallels a Y-maze deficit in adolescent rats following semi-chronic amphetamine administration (2008). *British Journal of Pharmacology*; 154: 417-428. IF=3.8
51. Yücel M, Solowij N, Respondek C, Whittle S, Fornito A, Pantelis C & Lubman DI (2008). Long-term cannabis use and regional brain abnormalities. *Archives of General Psychiatry*; 65: 1-8. IF=13.9
52. Lubman DI, Allen NB, Peters LA & Deakin JFW (2008). Electrophysiological evidence that drug cues have greater salience than other affective stimuli in opiate addiction. *Journal of Psychopharmacology*; in press. IF=3.3
53. Aitken C, Wain D, Lubman DI, Hides L & Hellard M (2008). Mental health screening among IDUs outside traditional treatment settings – implications for research and health services. *Mental Health and Substance Use: Dual Diagnosis*; 1: 99-103.
54. Brown A, Lubman DI, Paxton S. Sexually transmitted infections among individuals with mental health problems: implications for general practice (2008). *Australian Family Physician*; in press.
55. Lubman DI, Hides L & Elkins K (2008). Developing integrated models of care within the youth AOD sector. *Australasian Psychiatry*; in press.

56. Whittle SL, Yücel M, Fornito A, Barrett A, Wood SJ, Lubman DI, Simmons J, Pantelis C & Allen NB (2008). Neuroanatomical correlates of temperament in early adolescents. *Journal of the American Academy of Child & Adolescent Psychiatry*; in press. IF=4.8.
57. Yücel M, Takagi M, Walterfang M & Lubman DI (2008). Toluene misuse and long-term harms: A systematic review of the neuropsychological and neuroimaging literature. *Neuroscience and Biobehavioral Reviews*; in press. IF=8.3
58. Berk M, Ng F, Wang W, Tohen M, Lubman DI, Vieta E & Dodd S (2008). Going up in smoke: Tobacco smoking is associated with worse treatment outcomes in mania. *Journal of Affective Disorders*; in press. IF=3.1
59. Rogers N, Lubman DI & Allen NB (2008). Therapeutic alliance and change in psychiatric symptoms in adolescents and young adults receiving drug treatment. *Journal of Substance Use*; in press.
60. Hides L, Lubman DI, Cosgrave EM, Buckby J, Killackey E & Yung AR. Substance use motives among young people seeking mental health treatment: An exploratory study (2008). *Early Intervention in Psychiatry*; in press.
61. Staiger P, Melville F, Hides L, Kambouropoulos N & Lubman DI (2008). Emotion-focused coping and triggers for substance use in young adults with post-traumatic stress disorder. *Journal of Substance Abuse Treatment*; in press.
62. Lubman DI, Hides L, Scaffidi T, Elkins K, Stevens M, Marks R (2008). Implementing mental health screening within a youth AOD service. *Mental Health and Substance Use: Dual Diagnosis*; in press.