Appendix 1 Search strategies for electronic databases

Database: Ovid MEDLINE <1966 to September 5th 2006>

Search Strategy:

Terms followed by a ‘/’ are MeSH headings.
Terms preceded by exp indicate the MeSH term was exploded.
Terms followed by .tw indicate the term was searched as a text word.

1 exp CANNABIS/
2 cannabis.tw.
3 marihuana.tw.
4 marijuana.tw.
5 Marijuana Smoking/
6 hashish.tw.
7 Marijuana Abuse/
8 ganja.tw.
9 bhang.tw.
10 hemp.tw.
11 exp Cannabinoids/
12 cannabinoid$.tw.
13 or/1-12
14 exp "schizophrenia and disorders with psychotic features"/
15 schizo$.tw.
16 psychosis.tw.
17 psychotic$.tw.
18 exp mood disorders/
19 Neurotic Disorders/
20 mental disorders/
21 psychoses.tw.
22 bipolar.tw.
23 Depression/
24 manic.tw.
25 mania.tw.
26 Anxiety/
27 anxiety.tw.
28 depression.tw.
29 exp Anxiety Disorders/
30 hypomani$.tw.
31 hallucinations/
32 hallucinat$.tw.
33 delusions/
34 delusion$.tw.
35 thought disorder$.tw.
36 affective disorder$.tw.
37 Schizotypal Personality Disorder/
38 or/14 -37
39 13 and 38
40 exp animals/ not human/
41 39 not 40
Database: EMBASE <1980 to September 5th 2006>
Search Strategy:
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1   Cannabis/
2   Cannabis Addiction/
3   cannabinoid/
4   cannabis.tw.
5   marihuana.tw.
6   marijuana.tw.
7   hashish.tw.
8   ganja.tw.
9   bhang.tw.
10  hemp.tw.
11  cannabinoid$.tw.
12  or/1-11
13  exp psychosis/
14  schizo$.tw.
15  psychosis.tw.
16  psychotic$.tw.
17  exp mood disorder/
18  exp Neurosis/
19  mental disease/
20  psychoses.tw.
21  bipolar.tw.
22  Depression/
23  manic.tw.
24  mania.tw.
25  Anxiety/
26  anxiety.tw.
27  depression.tw.
28  exp Anxiety Disorder/
29  hypomani$.tw.
30  hallucinations/
31  hallucinat$.tw.
32  delusions/
33  delusion$.tw.
34  thought disorder$.tw.
35  affective disorder$.tw.
36  Schizotypal Personality Disorder/
37  or/13-36
38  12 and 37
39  (exp animals/ or exp nonhuman/) not exp human/
40  38 not 39
Search Strategy:

1. exp CANNABIS/
2. cannabis.tw.
3. marihuana.tw.
4. marijuana.tw.
5. hashish.tw.
6. ganja.tw.
7. bhang.tw.
8. hemp.tw.
9. cannabinoid$.tw.
10. schizophren$.tw.
11. psychosis.tw.
12. psychotic$.tw.
13. mental disorders/
14. psychoses.tw.
15. bipolar.tw.
16. manic.tw.
17. mania.tw.
18. anxiety.tw.
19. depression.tw.
20. hypomani$.tw.
21. exp Psychotic Disorders/
22. exp Neurotic Disorders/
23. anxiety/
24. hallucinations/
25. hallucinat$.tw.
26. delusions/
27. delusion$.tw.
28. thought disorder$.tw.
29. affective disorder$.tw.
30. or/1-9
31. or/10-29
32. 30 and 31

PsycINFO on WebSPIRS (1872 to September 2006)
Search History
#45 #41 not #44
#44 #42 not #43
#43 HUMAN in PO
#42 ANIMAL in PO
#41 ((marijuana) or (marihuana) or (explode "Cannabinoids-" in MJ,MN) or (cannabic) or ("Marijuana-Usage" in MJ,MN) or (cannabis*) or (explode "Cannabis-" in MJ,MN) or (cannabinoid*) or (hemp) or (bhang) or (ganja) or (hashish)) and (((hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophren*)) or (explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or (explode "Neurosis-" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-
Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-" in MJ,MN))

#40 ((hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophrenia*)) or (explode "Psychosis-*" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-*" in MJ,MN) or (explode "Neurosis-*" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-*" in MJ,MN))

#39 (hypomania) or (depression) or (anxiety) or (mania) or (manic) or (psychotic*) or (bipolar) or (psychosis) or (psychoses) or (schizophrenia*)

#38 (explode "Psychosis-*" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-*" in MJ,MN) or (explode "Neurosis-*" in MJ,MN) or ("Anxiety-Disorders" in MJ,MN) or ("Schizoaffective-Disorder" in MJ,MN) or (explode "Major-Depression" in MJ,MN) or (explode "Affective-Psychosis" in MJ,MN) or (explode "Bipolar-Disorder" in MJ,MN) or (explode "Mania-*" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Acute-Psychosis" in MJ,MN) or (explode "Affective-Disorders" in MJ,MN) or (explode "Schizophrenia-*" in MJ,MN)

#37 hypomania
#36 depression
#35 anxiety
#34 mania
#33 manic
#32 bipolar
#31 psychoses
#30 psychotic*
#29 psychosis
#28 schizophrenic

#27 "Mental-Disorders" in MJ,MN
#26 "Anxiety-*" in MJ,MN
#25 explode "Neurosis-*" in MJ,MN
#24 "Anxiety-Disorders" in MJ,MN
#23 "Schizoaffective-Disorder" in MJ,MN

#22 explode "Affective-Psychosis" in MJ,MN
#21 explode "Mania-*" in MJ,MN
#20 explode "Major-Depression" in MJ,MN
#19 explode "Bipolar-Disorder" in MJ,MN
#18 explode "Affective-Disorders" in MJ,MN
#17 explode "Acute-Psychosis" in MJ,MN
#16 explode "Affective-Disorders" in MJ,MN
#15 explode "Schizophrenia-*" in MJ,MN
#14 explode "Psychosis-*" in MJ,MN

#13 (marijuana) or (marihuana) or (explode "Cannabinoids-*" in MJ,MN) or (cannabi*) or ("Marijuana-Usage" in MJ,MN) or (cannabinoid*) or (hemp) or (bhang) or (ganja) or (hashish)

#12 cannabi
#11 cannabis*
#10 cannabinoid*
#9 hemp
#8 bhang
#7 ganja
#6 hashish
#5 marijuana
#4 marihuana
#3 explode "Cannabinoids-" in MJ,MN
#2 "Marijuana-Usage" in MJ,MN
#1 explode "Cannabis-" in MJ,MN

ISI Web of Knowledge (1945 to July 2006) and ISI Proceedings (1990 to September 2006)

#11 #6 or #7 or #8 or #9 or #10
#10 #1 and (#4 or #5)
#9 #1 and #3
#8 #1 and #2
#7 TS=(depression and (cannabis* or marihuana or marijuana hashish or bhang or ganja or hemp or cannabinoid*))
#6 TS=(anxiety and (cannabis* or marihuana or marijuana hashish or bhang or ganja or hemp or cannabinoid*))
#5 TS=(Affective disorder*)
#4 TS=(Mood disorder*)
#3 TS=schizo*
#2 TS=(psychosis or psychoses or psychotic or mania or hypomania or manic or bipolar)
#1 TS=(cannabis* or marihuana or marijuana or hashish or bhang or ganja or hemp or cannabinoid*) DocType=All document types; Language=All languages; Database(s)=SCI-EXPANDED, SSCI, A&HCI; Timespan=1945-2005


Strategy
“Cannabis and psycho**”

BIOSIS (1985 to September 2006)
Search terms:
al: (depression or anxiety or schizo* or bipolar or mania or manic or hypomani* or psychosis or psychoses or psychotic* or affective disorder*) and (cannabis* or marijuana* or marihuana* or ganja or hemp or bhang) and (human*)

Search strategy:
cannabis$ or marihuana$ or marijuana$ [Words] and psychosis or psychoses or psychotic$ or bipolar or manic or mania or depression or anxiety or hypomani$ or schizo$ [Words]
MEDCARIB - Caribbean Health Sciences Literature (dating from the 18th Century to September 2006)
Search strategy:
cannabis$ or marihuana$ or marijuana$ [Words] and psychosis or psychoses or psychotic$ or bipolar or manic or mania or depression or anxiety or hypomani$ or schizo$ [Words]