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:
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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 (schizophren*) or ((explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or ("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 (schizophren*)

#38 (explode "Psychosis-" in MJ,MN) or ("Mental-Disorders" in MJ,MN) or ("Anxiety-" in MJ,MN) or ("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 schizophren*

#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 (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)

#12 cannabic
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*)

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]