

Appendix 1

Searching strategies of PubMed

#1 ((Lymphoblastic Leukemia, Acute, Childhood[MeSH Terms]) OR (Childhood Acute Lymphoblastic Leukemia[Text Word])) OR (Childhood ALL[Text Word])

#2 ((“polyethylene glycol conjugated asparaginase”[Text Word] OR “PEG-Asp”[Text Word]) OR “PEG-asparaginase”[Text Word]) OR (((((((“polyethene glycol”[All Fields] OR “polyethylene glycols”[MeSH Terms]) OR (“polyethylene”[All Fields] AND “glycols”[All Fields])) OR “polyethylene glycols”[All Fields]) OR (“polyethylene”[All Fields] AND “glycol”[All Fields])) OR “polyethylene glycol”[All Fields]) AND (((((((((((“conjugable”[All Fields] OR “conjugal”[All Fields]) OR “conjugally”[All Fields]) OR “conjugant”[All Fields]) OR “conjugants”[All Fields]) OR “conjugate”[All Fields]) OR “conjugates”[All Fields]) OR “conjugated”[All Fields]) OR “conjugates”[All Fields]) OR “conjugating”[All Fields]) OR “conjugation”[All Fields]) OR “conjugational”[All Fields]) OR “conjugations”[All Fields]) OR “conjugative”[All Fields]) OR “conjugatively”[All Fields])) AND “Asp”[Text Word])

#3 #1 AND #2

#4 ((“escherichia coli l asparaginase”[Text Word] OR (((“Escherichia”[MeSH Terms] OR “Escherichia”[All Fields]) OR “escherichiae”[All Fields]) AND “coli l asp”[Text Word])) OR “e coli l asparaginase”[Text Word]) OR “e coli l asp”[Text Word]

#5 #1 AND #4

#6 #3 OR #5