

Appendix A

Database(s): **Ovid MEDLINE(R)** 1946 to January Week 4 2017, **Ovid MEDLINE(R) In-Process & Other Non-Indexed**

**Citations** February 06, 2017

Search Strategy:

#	Searches
1	((bio* or serum* or serol*) adj4 (mark* or indicator* or characteristic* or factor*)).tw,hw,fs,sh,kw,ot.
2	(biomark* or bio*-mark*).tw,hw,sh,fs,kw,ot.
3	(bio* adj3 mark*).tw,hw,sh,fs,kw,ot.
4	exp Biomarkers/ or "intercellular signaling peptides and proteins"/ or cytokines/ or Biological Factors/
5	exp Neoplasms/
6	(cancer* or neoplas* or tu?mor* or malignan* or carcinoma* or malignocarcinoma* or maligno-carcinoma* or metast* or adenocarci* or adenom*).ti,ab,sh,fs,kw,ot,hw.
7	brain/ or neural pathways/
8	(neurocognit* or neuro-cognit* or cognit*).tw,hw,sh,fs,kw,ot.
9	exp Cognition/ or cognitive science/ or cognitive neuroscience/ or exp Mental Processes/
10	((neuro-cognit* or cognit* or neurocognit* or neural) adj4 (function* or activit* or process*)).tw,hw,sh,fs,kw,ot.
11	((thought* or think* or memory or attention or reason* or language* or focus*) adj3 (process* or activit* or function*)).tw,hw,sh,fs,kw,ot.
12	(neural adj3 function*).tw,hw,sh,fs,kw,ot.
13	Attention/ or learning/ or memory/ or memory, long-term/ or memory consolidation/ or memory, short-term/ or mental recall/ or Thinking/
14	blood/ or exp serum/
15	(blood* or serum* or plasma* or serolog*).tw,sh,fs,hw,kw,ot.
16	exp Animals/ not (Humans/ and exp Animals/)
17	or/1-4 [Biomarkers MeSH and textwords]
18	or/5-6 [Neoplasms]
19	or/7-13 [Cognitive function]
20	or/14-15 [Blood]
21	17 and 18 and 19 and 20
22	21 not 16
23	limit 24 to (english language and yr="2006 - 2017")