SECTION IX. ALTERNATIVES TO PAINFUL AND DISTRESSFUL PROCEDURES

PART 2: LIBRARIAN SEARCH

Basic Question:
Summarize the basic issues here

Example: Are there alternatives/less painful procedures for biopsy or vaccination of SIV in primates?

Search String:
List keyword phrases in a stepwise format utilizing Boolean operators that can be reproduced in multiple databases as necessary.

Example:
1. (((Animal Use Alternatives OR Animal Welfare OR Animal Experimentation OR Animal Care Committees)) OR alternat*[Title]) OR "in vitro"[Publication Type]
2. (Simian immunodeficiency virus OR TRAIL Receptors OR Herpesvirus 1, Cercopithecine
3. (Biopsy OR Bronchoalveolar Lavage OR Phlebotomy OR Vaccination OR "lymphoid tissue sampling")
4. (macaca mulatta) OR rhesus monkey
5. 1 AND 2 AND 4
6. 1 AND 3 AND 4
7. 5 OR 6

Databases Searched: Example: PubMed, Biological Abstracts

- Non-human primates require 2 databases
- Live nonhuman vertebrates (other than NHPs) e.g.: Rodents etc require 1 database (suggest Pubmed w/ ALTBIB hedge)

Search Results Table
Librarians search and skim results for a manageable amount (10-30 refs) per database

Example:

<table>
<thead>
<tr>
<th>Database Used</th>
<th>Date of search</th>
<th>Period covered by search</th>
<th>Keywords used</th>
<th>Number of relevant references</th>
<th>Were alternatives found</th>
</tr>
</thead>
<tbody>
<tr>
<td>PubMed</td>
<td>11-20-2014</td>
<td>1966-present</td>
<td>See search string above</td>
<td>21 selected for review</td>
<td>References attached</td>
</tr>
<tr>
<td>Biological Abstracts</td>
<td>11-20-2014</td>
<td>1969-present</td>
<td>See search string above</td>
<td>15 selected for review</td>
<td>References attached</td>
</tr>
</tbody>
</table>