**Appendices**

**Appendix 1: Literature Database Search Results**

Database searches were run on December 18, 2019.

Results of each search are shown below.

**Table A 1: Embase Search Strategy, run December 18, 2019**

*Embase <1974 to 2019 December 17>*

|  |  |  |
| --- | --- | --- |
| **Step** | **Search String**  | **Hits** |
| 1 |  (neoplasm$ or glioblastoma$ or cancer\* or leukemi$ or leukaemi$ or tumour$ or tumor$ or malignan$ or carcinoma$ or adenocarcinoma$ or lymphoma$ or oncolog$ or gliom$).ti,ab.  | 4489459 |
| 2 | (phase 1 or phase 1a or phase 1b or phase I or phase Ia or phase Ib).ti,ab.  | 97896 |
| 3 | (animal$ not human$).sh,hw.  | 4288387 |
| 4 | (conference abstract or congress or editorial or comment\* or letter or note or case series or case study or case studies or case reports or erratum).pt.  | 6343733 |
| 5 | (infant or child\* or pediatric\* or paediatric\* or child\* or adolescen\*).ti,ab.  | 2170795 |
| 6 | 1 and 2  | 52104 |
| 7 | or/3-5  | 12067150 |
| 8 | 6 not 7  | 24753 |
| 9 | (phase 2\* or phase 3\* or phase 4\* or phase II\* or phase III\* or phase IV\*).ti.  | 65986 |
| 10 | 8 not 9  | 23880 |
| 11 | (radiation or radiotherap\* or surg\* or devic\* or lifestyle or behaviour\* or behavior\* or educat\* or alternative medicine or herbal or plant or diet\*).ti.  | 1777287 |
| 12 | 10 not 11  | 22014 |
| 13 | limit 12 to english language  | 21037 |
| 14 | limit 13 to yr="2019 -Current" | 1091 |

**Table A 2: Medline search strategy, run December 18, 2019**

*MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to December 17, 2019>*

|  |  |  |
| --- | --- | --- |
| **Step** | **Search String**  | **Hits** |
| 1 | (neoplasm$ or glioblastoma$ or cancer\* or leukemi$ or leukaemi$ or tumour$ or tumor$ or malignan$ or carcinoma$ or adenocarcinoma$ or lymphoma$ or oncolog$ or gliom$).ti,ab. | 3430135 |
| 2 | (phase 1 or phase 1a or phase 1b or phase I or phase Ia or phase Ib).ti,ab.  | 56659 |
| 3 | (animals not (humans and animals)).sh.  | 4622731 |
| 4 | (editorial or comment\* or letter or note or case series or case study or case studies or case reports or erratum).pt.  | 3648713 |
| 5 | (infant or child\* or pediatric\* or paediatric\* or child\* or adolescen\*).ti,ab.  | 1742666 |
| 6 | 1 and 2  | 25931 |
| 7 | or/3-5  | 9654010 |
| 8 | 6 not 7 | 23497 |
| 9 |  (phase 2\* or phase 3\* or phase4\* or phase II\* or phase III\* or phase IV\*).ti.  | 32204 |
| 10 | 8 not 9  | 22670 |
| 11 | (radiation or radiotherap\* or surg\* or devic\* or lifestyle or behaviour\* or behavior\* or educat\* or alternative medicine or herbal or plant or diet\*).ti.  | 1613810 |
| 12 | 10 not 11  | 20884 |
| 13 | limit 12 to english language  | 20212 |
| 14 | limit 13 to yr="2019 -Current"  | 1213 |

**Table A 3: PubMed search strategy, run December 18, 2019**

|  |  |  |
| --- | --- | --- |
| Step | Terms | Hits |
|  |  |  |
| 1 | (neoplasm\*[Title/Abstract] OR glioblastoma\*[Title/Abstract] OR cancer[Title/Abstract] OR cancers[Title/Abstract] OR cancerous[Title/Abstract] OR leukemia\*[Title/Abstract] OR leukemic[Title/Abstract] OR leukaemia\*[Title/Abstract] OR leukaemic[Title/Abstract] OR tumour[Title/Abstract] OR tumours[Title/Abstract] OR tumor[Title/Abstract] OR tumors[Title/Abstract] OR malignant[Title/Abstract] OR malignancy[Title/Abstract] OR malignancies[Title/Abstract] OR carcinoma\*[Title/Abstract] OR adenocarcinoma\*[Title/Abstract] OR lymphoma\*[Title/Abstract] OR oncolog\*[Title/Abstract] OR gliom\*[Title/Abstract] OR glioblast\*).[Title/Abstract]) | 3479728 |
| 2 | (phase 1[Title/Abstract] OR phase 1a[Title/Abstract] OR phase 1b[Title/Abstract] OR phase I[Title/Abstract] OR phase Ia[Title/Abstract] OR phase Ib[Title/Abstract]) | 57366 |
| 3 | 1 AND 2  | 26020 |
| 4 | (animal\* [ti] or in vitro [ti] or tissue\* [ti] or murine [ti] or mouse [ti] or mice [ti] or swine\*[ti] or pig\* [ti] or porcine[ti] or rat [ti] or rodent\* [ti] or monkey [ti] or ape [ti] or dog [ti] or canine\* [ti] or cat [ti] or feline\* [ti] or cow [ti] or bovine [ti] or horse [ti] or equine [ti] or fish [ti] or piscine [ti] or rabbit\* [ti]) | 2312477 |
| 5 | 3 NOT 4 | 25037 |
| 6 | editorial [pt] or comment\* [pt] or letter [pt] or case reports [pt] or congress [pt] or published erratum [pt] | 3786149 |
| 7 | 5 NOT 6 | 24386 |
| 8 | (infant[Title/Abstract] OR child\*[Title/Abstract] OR pediatric\*[Title/Abstract] OR paediatric\*[Title/Abstract] OR child\*[Title/Abstract] OR adolescen\*[Title/Abstract]) | 1809790 |
| 9 | 7 NOT 8  | 23281 |
| 10 | (radiation[Title] OR radiotherap\*[Title] OR surg\*[Title] OR devic\*[Title] OR lifestyle[Title] OR behaviour\*[Title] OR behavior\*[Title] OR educat\*[Title] OR alternative medicine[Title] OR herbal[Title] OR plant[Title] OR diet\*).[Title]) | 2070341 |
|  11 | 9 NOT 10  |
| 12 | Limit 11 to English language | 20576 |
| 13 | Limit 12 to Publication date from 2019/01/01 to 2019/12/31 | 1218 |