

These results give an overview of all Canadian publications in major scientific databases used in this study. Clearly, there will be research included in these databases that is not at all pertinent to questions that this study is examining. Therefore, it was important to sample publications that have been selected by the key-words that establish more direct relevance to biological and toxin research programs.

### 3.2 Sampled Canadian Publications

There were 41,331 Canadian publications selected on the basis of key-words described in section 2.6. The objective was to select research containing key words describing research in key subject areas dealing with recombinant DNA, viruses, bacteria, toxins, peptides, bioregulators and other key areas of biological and toxin research. However, it was beyond the scope of this study to examine all 41,331 publications. Therefore, from these selections, 3% of the publications were sampled from each year during 1970 to 1992. Figure 2 shows time course of the sampled publications.

In order to provide more detailed analysis, the research contained in the 1244 sampled publications was further broken down to describe the major research centres publishing this research. Annex A lists these centres as determined by the institutional affiliation that the publications gave. The following sections describe the main laboratories and institutes that publish in the scientific literature from Canada.