

S23-1 **Research ethics in the field of pharmaceutical sciences, focusing on conflict of interest**

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The welfare of laboratory animals initiated in the 1960s; the protection of human research subjects followed in the 1970s; research misconduct fell into step in the 1980s; and conflicts of interest move front in the 1990s. Today researchers and institutions enter into a multitude of relationship with industry that might encompass financial conflicts of interest. The industry-funded research in academic setting may occur to stress on profit of industry than safety in academic research. Disregard on the conflicts of interest damages the public trust for scientific research. From the PubMed database, the author obtained 2828 papers on “conflict of interest” by using major MeSH term for period from 1981 to 2007. Based on the bibliometric data, their annual changes and subject distribution were examined. Disclosure and transparency are recognized as the key tool for management of conflicts. The author also stresses on the importance of publication ethics for preventing conflicts. More surveys on conflict of interest and research integrity have to be carried in academic field, especially in universities.