

## **Proceedings of clinical pharmacy research with the cooperation of community and hospital pharmacist and pharmacy school**

**Yoshihiko Hirotsu (Sch. Pharm. Sci., Univ. Osaka-Ohtani)**

The present year has witnessed the commencement of the new pharmaceutical education system. Preparations for this system have been performed by a number of universities with the aim of executing a common examination and practical on-site training. Further, a workshop for directive pharmacists has been actively held in recent years. Moreover, many different educational lectures, open lectures, and the training lectures have been conducted in order to develop the skill levels of on-site pharmacists. However, a technological training and the research approach that supports the pharmacist in a pharmaceutical clinical research are little at the chance to learn the research methods. Currently, many joint researches are undertaken; these are conducted either at the initiative of universities or by a university. Further, the institution of presentation inexperience at academic society also exists in terms of a regional element, a staff arrangement side, etc, and also when the continuation is difficult, it looks mostly. It is necessary for teachers in pharmacy schools across the country to actively and positively support the clinical research conducted by local pharmacists. The role played by the clinical teacher in pharmacy schools appears to be significant and requires the cooperation of pharmacy schools and medical institutions. Moreover, basic research in pharmacy schools is also necessary in order to provide evidence for the scientific basis (mechanism) of a problem that arises in a clinical situation. Also of importance is the advancement of pharmaceutical clinical research by taking into account the basic research conducted by pharmacy schools in medical institutions and the clinical research conducted by medical institutions in pharmacy schools, through mutual cooperation.

Against the background of the joint research conducted by a pharmacist and a pharmacy school in this symposium, we will describe how pharmaceutical clinical research can be advanced.