

## S26-1 Differences between medicinal chemistry in university and that in company

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I had worked for a pharmaceutical company, Fujisawa Pharmaceutical Co., Ltd (now Astellas), for 22 years as medicinal chemist at the first, and fortunately have synthesized a couple of clinical trial compounds (but they are not drug, unfortunately). After that, I have focused my effort to construct effective drug-design systems using updated technologies such as structure based drug design (SBDD), combinatorial chemistry (CC), uniformed database, chemical biology, etc. I am now a professor of new pharmaceutical university, in which we have only the 6-years education system. In the symposium, I would like to give my opinion on differences in medicinal chemistry between in company and university, and some problems and my slant for the future.