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Pharmacological effect as well as absorption and metabolism of medicines can be interpreted by the knowledge and application of organic chemistry because most of medicines and biomolecules are organic compounds. Pharmacists who learned organic chemistry at university are health care professionals who can see medication from the viewpoint of organic chemistry. I believe that introducing concept of organic chemistry into medication is one of the most important aspects of pharmaceutical care.

Recently, I launched two study meetings to connect clinical issues and organic chemistry. One is the meeting with alumni working as pharmacists at hospital or community pharmacy. Various topics and issues at the clinical site were introduced and discussed with all the participants to aim "refining clinical pharmaceutical ability with basic pharmaceutical ability". The discussion is focused on how we can solve (which kind of) issues with understanding the structural feature of medicines. The second is a case study meeting in post-graduate education of our university. The characteristic of the meeting is to give comments from the viewpoint of medical doctor and organic chemist. I hope that participating pharmacists will find out the research subject and start a pharmacist-led research based on basic organic chemistry through these two meetings.