

Division of Material Chemistry	Research field	Molecular Design Chemistry	Lab. ID MC16
Laboratory web site	http://kohka.ch.t.kanazawa-u.ac.jp/lab7/index-e.html		
Research subjects			
Our research group is focused on the design, synthesis, and characterization of advanced organic materials. We utilize the tools of organic chemistry to create small molecules and macromolecules with interesting properties and functions. A major goal of ours is to elucidate the intra and intermolecular interactions in biomimetic systems in order to design and develop functionalized organic molecules and macromolecules. In particular, polymorphism of organic crystals, substrate and stereo specificities of enzyme reactions, and design of molecular imprinting polymers are current research topics.			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
On successful completion of studies in our laboratory, students should be able to: ·acquire a sufficient grounding in chemistry and understand principle and gain skills of hands-on operation of analytical equipment, and then learn practical scientific sophistication and enhance communication ability as a chemist. ·cultivate problem-solving skills through active discussion on individual research thesis with members of our laboratory. ·improve presentation and English skills through a graduate seminar regarding individual research thesis. ·accumulate significant experience by presentation of research developments in various meetings and symposia.			
Daily life in the laboratory, etc.			
In an easygoing and uninhibited atmosphere of our laboratory, students can develop a fine creative potential and a sense of balance necessary in society. In a place like here, however, we need to behave spontaneously with a strong sense of responsibility.			
Message or comments by the laboratory faculty staffs			
Students must be mature enough to live in today's society. We are expecting students to enter our research group and grow as a human and chemist.			
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