

Division of Biological Science and Technology	Research field	Genome informatics	Lab. ID
			BS16
Laboratory web site	http://gie.ec.t.kanazawa-u.ac.jp/		
Research subjects			
After completion of the human genome project in 2003, the large-scale research for human genes was started for the purpose of clarification of the biological mechanism and medical development. Therefore, implementation of comprehensive genetic engineering experiments and computer analysis for large experimental data obtained from them are needed. For this reason, we conduct various genetic research by genetic engineering experiments and computer analysis.			
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory			
Students read a text book in a programming language in turn, and answer an end-of-chapter question. Moreover, students read English papers for their research to give an explanation of their contents at laboratory meetings. They also report the progress in their research.			
Daily life in the laboratory, etc.			
Students can choose their own research themes according to their interest. They can also borrow a personal computer and use it freely in our laboratory. Server computers are also in our laboratory, because statistical calculations often require large amounts of memory and a long period of time. There are also laboratory equipments to perform genetic engineering. In addition, various events will be held jointly with other laboratories.			
Message or comments by the laboratory faculty staffs			
The students who go on to the master's program will be assigned to a teaching assistant for undergraduate practice education. While most graduates have an employment in electrical and electronic or IT companies, some graduates find a job in the civil service and banking.			
Laboratory mail address	Yoichi Yamada <youichi *at* t.kanazawa-u.ac.jp>		