

# Faculty of Biology UGM Runs Training on Molecular Genetics

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As many as 60 students and fresh graduates of Faculty of Biology UGM, as well as lecturers and researchers conducted training on cytogenetics, molecular genetics, and bioinformatics at Faculty of Biology UGM from 10-15 July 2017.

In this event participants have the opportunity to do practicum in the lab related to cytogenetic analysis and chromosome characterisation of animals and plants, analysis of genetic variations of DNA finger printing, and sequence DNA analysis and barcoding.

Resource persons that attend the event are Dr. Budi Setiadi Daryono, M.Agr., Sc., Dr. Niken Satuti Nur Handayani, M.Sc., Dra. Tuty Arisuryanti, M.Sc., Ph.D., Drs. Tri Joko, M.Si., drh. Ch. Retna Handayani, M.Si., Amri Yudhistira, S.Si., M.Si., and Dr.drs. Arief Taslihan, M.Si.

Committee chairman, Ganies Riza Aristya, S.Si., M.Sc., said the event was part of the programme on relevance improvement of biology graduates that was run by the team of World Class University Task Force UGM and Centre for Innovation and Academic Studies UGM led by Drg. Ika Dewi Ana, M.Kes., Ph.D. The event is a collaboration with Genetics and Silviculture Lab of Faculty of Biology



UGM, Centre for Fisheries Farming of Jepara, Research and Testing Lab UGM, and Forum of Student Researcher on Genetics of the Faculty.

“This year the research comes to its third season that is aimed to improving the relevance of biology graduates so that they can be more competitive and resolving work challenges,” he said alongside the training on Tuesday (11/7).

Chairperson of Tropical Biology Department, Dr. Endang Semiarti, M.S., in her speech emphasised the importance of biology in science development. Basic biology and bioinformatics are the basis for scientific and technology development, particularly on molecular areas.

“Hopefully, the training would benefit the development of molecular biology science,” she said.

One of the participants, who is a silviculture researcher from Malang, Parnidi, S.Si., M.Si, said his participation was to explore his knowledge on cytogenetics, saying “This is to add to my knowledge when I do research in the research centre in Malang.”

An alumnus, Pantalea Edelweiss Vitara, said the training could improve her insight and skills related to genetics that will be useful to support her job later in life.

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