

NURUL IZZA AB GHANI

Ph.D. (University of Helsinki)

SENIOR LECTURER (DR.)

Department of Biology

Faculty of Science

Tel-office: 03 89466630

Fax: 03 86567454

nurul_izza@upm.edu.my



EXPERTISE

Animal Genetics

Dr. Izza's research evolves around the field of ecology and evolution genetics of animals. She is currently working on a biomonitoring organism; the Javanese medaka with emphasis on the genetic basis underpinning morphology, sex and allele variations of different populations of Javanese medaka across the Straits of Malacca. She is also presently working on the population genetics of endangered species; the river terrapin and tarsier, and a domestic organism; the water buffalo. The ultimate aim of her population genetic studies is to incorporate the results in selection, breeding and conservation of those animals.

CURRENT RESEARCH INTEREST:

- Cyto, population, ecology, evolutionary and quantitative genetics of animals, especially on fish, river terrapin, turtle and mammals.
- Life-history study of fish, river terrapin, turtle and mammals.
- Behavioural study (Fish behaviour)
- Implement genetic approaches for selection and breeding programs in aquaculture as well as for conservation of wild and endangered species.

LINK TO POSTGRADUATE FIELD OF STUDY:

ADDITIONAL INFORMATION: