

CURRICULUM VITAE

- **Name :** RUZAINAH BT ALI @ JAAFAR
- **Qualifications :**

PhD (Biotechnology) , Universiti Sains Malaysia

M. Sc, Universiti Sains Malaysia, Pulau Pinang, Malaysia.

B. Applied Sc.(Hons) (Biotechnology), Universiti Sains Malaysia, Pulau Pinang, Malaysia.

Specialisation :
Molecular Population Genetic

- **Areas of Research :**

Application of molecular methods (RAPD, Microsatellite, Mitochondrial DNA, DNA sequencing) to various organism such as fish and herbs.

- **Selected Publications :**

PUBLICATIONS

1. Siti Azizah M.N, Ruzainah A..& Ali A.B. Morphometric Differences Between Two Species of *Trichogaster*, *T. trichopterus* and *T. pectoralis* of Northern Peninsular Malaysia- J. Bioscience Vol 11 Issue 1&2. 2001 (Pp 75-83).
2. Ruzainah A. Siti Azizah M. N., & Patimah I. RAPD Fingerprinting of the Eel-Loaches, *Pangio filinaris* and *Pangio piperata*: A Contribution Towards Taxonomic Clarification. Aquarama 2001-2nd World Conference on Ornamental Fish Aquaculture "Modern Technology for the Future". 31 May – 2 June 2001. Singapore.
3. Siti Azizah, M. N., Ruzainah, A., and Patimah, I., 2002. Sequencing of a partial region of the mitochondrial Cyt *b* gene in *Oxyeleotris marmoratus*. Proceedings of the 4th Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT) UNINET Conference. 15-17th Oct. 2002, Penang, Malaysia. Pp 195-198.
4. Ruzainah A. Siti Azizah M. N., Patimah I & Amirrudin, A. RAPD Fingerprinting of the Eel-Loaches, *Pangio filinaris* and *Pangio piperata*: preliminary evaluation *J. of Aquaculture Research*, 2003, Vol. 34, 959-965.
5. Ruzainah, A., Siti Azizah, M. N., and Patimah, I. Molecular Genetic Study Of *Oxyeleotris marmoratus* Using Mtdna Analysis. Proceedings of the "Malaysian

Sciences and Technology Congress 2002 – Research and Development Finding Towards Excellence in Science and Technology". 12 - 14 December 2002. Kuching, Sarawak.

6. Siti Azizah, M. N., Ruzainah, A. and Patimah, I.. Development of RAPD markers in the eel-loach (*Pangio* spp) for genetic discrimination and monitoring of wild and cultured populations. *World Aquaculture Magazine*. Vol 35, March 2005.
7. Ruzainah A. Siti Azizah M. N., & Patimah I. Preliminary evaluation of the marble goby, *Oxyleotris marmoratus* using mitochondrial cytochrome b gene. A preliminary investigation of the genetic relationship of marble goby, *Oxyleotris marmoratus* from Malaysia by using cyt *b* gene. Symposium on Phylogeography of the West Pacific. 24-28 February 2003. Academia Sinica. Taiwan R.O.C.
8. Ruzainah A., Siti Azizah M. N., Sofiman O. & Patimah I. Development of dinucleotide of Microsatellite Marker in *Oxyleotris marmoratus*. 30th Annual Conference of the Malaysian Society for Biochemistry and Molecular Biology. Fundamental Science : The Engine of Growth for Biotechnology. 6th – 7th September 2005. Crown Plaza Mutiara Hotel. Kuala Lumpur.
9. Ruzainah Ali, Siti Azizah Mohd Nor, Sofiman Othman and Patimah Ismail. Haplotype Analysis of *Oxyleotris marmoratus* in northern peninsular Malaysia populations based on the Partial Region of the mitochondrial (mtDNA) cyt *b* gene. 9th Symposium of Malaysian Applied Biology, Penang, 30-31 May 2007.

- **Contact Information :**

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