1. Abstract Instructions and Example

Please follow these instructions for preparation of one page of abstract.

1. Language
   English
2. Abstract format (Refer to example below)
   - Title of Presentation (Bold 12 pt Times New Roman)
   - Author name, affiliation and body of abstract should follow the title without bold type and with a 12 pt Times New Roman font
   - Your abstract should be single spaced.
   - Use left justification with a 3.0 cm, top margin and 2.5 cm margins for the bottom and both sides
   - Length of the summary should not exceed one page
   - Put your picture on the top left

Example of Abstract

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Analysis of *actin* sequences using for detection of *timeless* expression in *Aedes albopictus*, vector of chikungunya in rubber plantation area

Aedes albopictus is a vector of Chikungunya. These mosquitoes are found in rubber plantations. The behaviors of *Ae. albopictus* are related to human activity on rubber-tapping. The rubber-tapper may face to a high risk of chikungunya infection causing incapability to work. The most effective means to prevent chikungunya infection is protection of human from mosquito biting. Host seeking behavior involving in mosquito biting is regulated by *timeless* which is a crucial gene to control circadian rhythm. Therefore, daily expression of *timeless* gene in *Ae. albopictus* is investigated the relation between *timeless* and biting behavior. Usually, constitutive gene *actin* is used as constitutive control in the studies of *timeless* expression since this gene can be amplified by universal primers. However, the size of PCR product is not appropriate to real time PCR using for detection of *timeless* expression. Therefore, *actin* gene of *Ae. albopictus* in Thailand were analyzed by amplifying this segment with these universal primers. The obtained DNA sequences from amplification were then aligned to find conserved sequences using for primer design to produce appropriate size of PCR product for real time PCR. The results showed that the sequences of *actin* obtained from male and female *Ae. albopictus* were similar to the sequences presented in Genbank database. Then, the suitable primers of this gene will be designed for real time PCR using for detection of *timeless* expression in the future.