



SDI Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_34783
Title of the Manuscript:	The Establishment of a Fibroblastic Cell Line From Caudal Tissue of Poecilia reticulata, Peters 1859
Type of the Article	Short Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	The short research article should be published after minor revision as present an important result for different scientific approaches using fish cell culture. I will list below a few recommendations to the authors: 1- In the line 26 the authors give us the information of which kind o cells will be used on the experiment (caudal fin tissue), they should explain here why they choosed it. 2 - In Material and Methods only on 2.4 section there is a reference for the methodology used. The sections 2.1 to 2.3 were based on others articles or is a new approach? 3 - The authors should give a better image quality (higher magnification or with better resolution) the explanation that is given to figure 1 is very poor, they must include more information about each one of the pictures, just like what is relevant on that picture and if it is possible compare one to another, for example. 4- Check the reference number 1 (year 1952 or 1962?) 5- Is there a ethical protocol approved for this experiment? Include on the text.	1- When compared other cultured cells, fibroblast cells can be sampled more easily and provide material for rapid and early genetic screening. Also fibroblast cells yield high quality chromosomes in fish species (Amemiya et al. 1984). Caudal fin tissue is one of the main source of epithelial tissue and methodologically easy way to isolate epithelial cells. 2- The reference in section 2.4 (cryopreservation) is given only derscribe for cryopreservation method. Cryopreservation procedure is more complex than other protocols and could be specialized. However protocols in other sections are used common in cell culture and no need to give a reference. For example subculturing cells is main approach in cell culture. 3- Our imaging system adapted inverted microscope is old technology. That is the reason of image quality. As predicted we can not take image again. The explanations are added to text. 4- As described article's journal web site, the year of publishment is 1962. (http://science.sciencemag.org/content/135/3508/1065.1ong) 5- The correction is added by the manuscript. All corrections that mentioned above is done and highlighted as yellow color in manuscript.
Optional/General comments		