



SDI Review Form 1.6

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_45579
Title of the Manuscript:	The protozoan Tetrahymena: cellular model for biological studies
Type of the Article	Review Paper

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>)

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	Whether Kappa particles are present in the cytoplasm of Tetrahymena ? Whether killer and sensitive strains are present?	Dear reviewer, Thank you for these interesting questions. Indeed, <i>Tetrahymena</i> is not a pathogenic strain and does not contain Kappa particles like pathogenic <i>paramecium</i> . In nature, Tetrahymena feeds mainly on bacteria by phagocytosis.
Minor REVISION comments	What is the effect of toxins in the medium on the conjugation process?	It is described that the stressed Tetrahymena cell undergoes sexual reproduction (conjugation) before adopting a rounded form (cyst) that can no longer divide. This form of resistance can return to its normal form if any time it is in a normal growth medium otherwise it will die by apoptosis. (Nilsson, 2005)
Optional/General comments	NIL	

PART 2:

	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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	