Review Form 1.6

Journal Name:	**Asian Journal of Immunology**
Manuscript Number:	**Ms_AJI_83640**
Title of the Manuscript:	**High fat diet triggers a prompt and transient increase in adipose tissue G-CSF and circulating myeloid cells in mice.**
Type of the 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:

(https://www.journalaji.com/index.php/AJI/editorial-policy)

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	Overall the study is addressing the short-term effect of high fat diet with focus on the effect on myelopoesis, circulating neutrophils and the induction of G-CSF in an experimental obesity model. Therefore, I made considerations so that the authors can think about it and seek to improve the manuscript. 1. "Microbiota has been suggested to play a role in HFD-induced inflammation via its production of endotoxin." The authors mention an important role of the microbiota in HFD induced inflammation. Why did the authors not assess the role of the microbiota in this model? 2. Why only male mice were studied? 3. The methodology is incomplete, important informations is missing, as the authors present graphs of body weight weekly and white tissue weight, however there is no information in the methodology that the weight was measured per week, which White adipose tissue compartments were weighed and used in the analyses. Please add this information. 4. "At day 3, 8, 23, 30 and 37, eight mice fed HFD and four fed standard diet were weighed and anesthetized." Why did the authors use 8 animals for HFD and 4 animals for control? Some results show a high standard deviation in the control group, would the authors associate this with a reduced number of animals? Are four animals sufficient for the reliability of the results?	
Minor REVISION comments	1. Please add male mice in the abstract.	
Optional/General comments		

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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)*	

Reviewer Details:

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