

Review Form 1.6

Journal Name:	Asian Journal of Research in Nephrology
Manuscript Number:	Ms_AJRN_84944
Title of the Manuscript:	Sex Dependent differences of the glomerulus and interstitium in 2K1C rats.
Type of the Article	Review 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.journalajrn.com/index.php/AJRN/editorial-policy>)

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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)
<u>Compulsory</u> REVISION comments	<div>1- The results showed that glomerulonephritis and tubular interstitial inflammation with macrophage infiltration were more severe in uncut kidneys of female 2K1C mice indicating that renal hypertension was higher in female 2K1C mice than in male ovariectomy rats. Where is the effect of estrogen in that and are there other hormones that can change or affect arterial high blood pressure?</div> <div>2- Was the number of laboratory animals used sufficient to make the measurements, and if the number increased, could it affect the results?</div> <div>3- The researcher did not mention a statistical significance in arterial hypertension in female rats compared to its counterparts in male and female rats with severed ovaries. Is it taken into account that the animals have the same age and weight?</div>	
<u>Minor</u> REVISION comments	<div>1- Were the animals taken from one area, from one environment, or different ones, because they affect the results?</div>	
<u>Optional/General</u> comments	<div>1- Male hormones are among the sex hormones, have they been measured?</div> <div>Situations of security and fear affect high blood pressure, and standardized food with a constant nugget is also one of the influences, has it been proven?</div>	

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)	

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Reviewer Details:

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