

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Immunology

ESPS manuscript NO: 25576

Title: Regulatory T cells suppress autoreactive CD4+ T cell response to bladder epithelial antigen

Reviewer's code: 00503125

Reviewer's country: United States

Science editor: Shui Qiu

Date sent for review: 2016-03-17 17:04

Date reviewed: 2016-04-01 09:58

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Regulatory T cells, a special subset of CD4+ T cells, have an important role in preventing autoimmune processes. The role of regulatory T cells in bladder autoimmunity has not been established. The goal of this study was to investigate the role of regulatory T cells in bladder autoimmunity. Through the use of transgenic models, it was demonstrated in this study that CD4+ regulatory T cells play an important role in the control of bladder autoimmune inflammation which may be important in patients with interstitial cystitis/bladder pain syndrome.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Immunology

ESPS manuscript NO: 25576

Title: Regulatory T cells suppress autoreactive CD4+ T cell response to bladder epithelial antigen

Reviewer's code: 00055095

Reviewer's country: Hungary

Science editor: Shui Qiu

Date sent for review: 2016-03-17 17:04

Date reviewed: 2016-04-04 16:55

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Review of the ms "Regulatory T cells suppress autoreactive CD4+ T cell response to bladder epithelial antigen" by Wujiang Liu et al. This manuscript reports an elegant study performed to determine the role of regulatory T cells in CD4+ T cell-mediated bladder autoimmune inflammation. The manuscript is structured in an understandable manner and the results are clear, but I have some concern regarding the presentation of experimental design. The authors used a complex transgenic cystitis model to identify mechanistic details of bladder inflammation, so it would be highly important to present the protocol as it will serve basis for further studies. "A picture is worth a thousand words" – so I would strongly suggest to include a new figure (replace figure 1) on the overview of the experiments (see example attached). Otherwise there are no major criticisms, the basic science relevance of such investigations would merit publication.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Immunology

ESPS manuscript NO: 25576

Title: Regulatory T cells suppress autoreactive CD4+ T cell response to bladder epithelial antigen

Reviewer's code: 00503062

Reviewer's country: Japan

Science editor: Shui Qiu

Date sent for review: 2016-03-17 17:04

Date reviewed: 2016-04-05 10:36

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript by Liu and Luo described the role of regulatory T cells in IC/BPS model mice. The experiments are well designed and the results were clearly presented. Authors have developed elegant autoimmune cystitis with URO-OVA transgenic mice and showed the effects of regulatory T cells on suppression of antigen-specific effector CD4+ T cells in their system. It is also interesting to analyze how regulatory T cells regulate antigen-specific CD8+ T cells.