Author's response to reviews

Title: Innate versus adaptive immunity in kidney immunopathology

Authors:

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Detailed answers to the reviewer`s comment:

Editor:

In addition to the Referees’ comments, could you please also address the following editorial points --

1. Please remove the word Commentary from the title of your manuscript in the Pdf as your manuscript is now a correspondence.

2. Please finish the last sentence in the manuscript (bedside....) as it is currently unfinished.

Answer:

Changed as suggested

Reviewer: 1

This commentary provides an excellent and thought-provoking synopsis of the development of concepts in immunology and their application to the field of nephrology. It nicely highlights the extent to which we do and do not understand the various contributions of innate and adaptive immunity to kidney diseases. It also emphasises the important challenges ahead in deriving therapeutic benefit from the knowledge gained. The writing is clear, informative, well referenced and concise and I do not think it can be significantly improved.

At the author's discretion, it might be worth making brief mention of neutrophil infiltration as a component of the innate inflammatory responses and regulatory T cells as targetable elements of both adaptive and innate immune responses during kidney disease.

Answer:

I like to thank the reviewer for his positive and constructive assessment. I have added information regarding these elements immunity in kidney disease into the revised version of this commentary.

Reviewer: 2
This commentary brings up the issue of inflammation in kidney diseases and links the innate with the adaptive immunity. This is an excellent comment describing an important area of research which will bring many changes in the upcoming years. I would only include a paragraph on acute kidney injury and inflammation to round up this issue.

Answer:
I like to thank the reviewer for his supportive judgment. I have now included information on inflammation in AKI as suggested.

Reviewer: 3

This commentary addresses the main crosstalks between the immune system and kidney injury. It offers a broad view of immune mechanisms (innate and adaptative) taking place during kidney diseases from different origins. It also challenge readers about the possibility of the use of immunosuppressive drugs in the treatment of immune-mediated nephritis. I believe that this manuscript will chalange clinicians in the field about future applications of immune modulation on the treatment of kidney diseases.

Answer:
I am very grateful to this reviewer’s enthusiastic assessment of this commentary.