

Response to reviewers comments.

We would like to thank the reviewers for their positive response to our study and their comments for its improvement. We have addressed all comments and inserted the requested modifications.

Comments from Reviewer 11084.

1. Title - Please consider to change the title. For instance: Acetylsalicylic acid interferes with embryonic kidney growth and development by a prostaglandin-independent mechanism.
2. Key words - The authors should adopt a maximum of six representative key words.
3. Results - The Results section should be structured in Subheadings to ease comprehension. For instance: a) Effect of ASA on E12.5 mouse kidneys b) Effect of prostaglandins on the adverse actions of ASA The paragraphs regarding PTGS1 $-/-$ mice should be placed in the Discussion rather than in the Results section.
4. Discussion: The authors should include a paragraph regarding the limitations of the study.

Comments from Reviewer 503272.

Define:

1. NSAID in line 33 of the PDF file.
2. PGE2 in line 40
3. PTGS2 $-/-$ and PTGS2 $-/+$ in line 41
4. What is ICR in line 163

As stated, all of the requested changes have been made in the manuscript.

Dear Fang-Fang Ji,

Please find attached the final version including changes required by the Editor in Chief.

Relevant paragraphs now read...

ASA reduces early renal growth and development **but the role of prostaglandins in this may be minor.**

...in the abstract.

Such impairment of growth **suggested at best a minor role for prostaglandins**, as organs examined ex-vivo from mice genetically manipulated to prevent prostaglandin production (PTGS2-/-) were able to grow similarly to kidneys from control mice.

...in the paragraph on page 11.

If you require anything further, please let me know.

Best wishes

Simon

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