Author’s response to reviews

Title: Expression of components of the urothelial cholinergic system in bladder and cultivated primary urothelial cells of the pig

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Answer to the reviewer´s comments

Dear Sir or Madam,

Thank you again for your continued interest and the question on our study.

Since this paper has the potential to be a useful resource to future investigators, I would ask the authors to please state why IHC results from GM pigs were not presented and why IHC results for M2 and M3 are shown but not for CarAT, ABCB1, OCT3, or OATP1A2. It may certainly affect how another laboratory builds on this work depending on if the answer is 'we didn't try' versus 'we tried and couldn't get it to work'.

The establishment of different antibody stainings (unfortunately not the mentioned targets) for German Landrace pig bladder tissue has been worked on in different previous projects in our group. Therefore, we know that it is often associated with a lot of problems as the available antibodies, in the most cases, are designated for other species especially human and rodents. Thus, normally it is necessary to try different antibodies for one target until we find the one that is actually working. As the use of IHC had no priority in this project, we postponed the stainings with the option of a future project and, if we will succeed, also publication of the results.