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| Editors of Journal of Visualized experiments |  |
| **Dear editors** | January 30 2017 |

Please find attached our invited manuscript entitled ‘Investigation of the mechanisms underlying gut hormone secretion using isolated perfused rat small intestine’, which we hope will be judged suitable for publication in your journal.

This invited manuscript was encouraged by your Senior Science Editor Dr. Singh who came across our isolated perfused rat small intestine perfusion method in our recent work in Molecular Metabolism (Pubmed id: 29656109) and encouraged us to submit a paper to your journal detailing the method.

We here provide a detailed description of the method from an experimental point of view and have, in addition, chosen to include an introduction that details the benefits of this method compared to other methods for studying gut hormone secretion.

As clearly described in the manuscript, this method is a robust method for studying hormone secretion. Nevertheless, based on published work within the field of gut hormones it appears that very few other groups are working with this method. We therefore, welcome this opportunity to spread the knowledge about this method to fellow scientists.

Sincerely,

Rune Ehrenreich Kuhre and Jens Juul Holst