November 30th, 2012

Dr. Nandita Singh, Senior Science Editor

Journal of Visualized Experiments

Dear Dr. Singh,

I am pleased to submit our manuscript entitled “Imaging of Biological Tissues by Desorption Electrospray Ionization Mass Spectrometry” for its consideration as a written protocol and video demonstration to *Journal of Visualized Experiments*. In this work, we describe the methods used to image brain by desorption electrospray ionization mass spectrometry from the point of tissue section through to data processing and analysis. We highlight key steps in the protocol that have the greatest impact on image quality and provide insight into troubleshooting in the face of common challenges. I believe that this article would be of great interest to chemistry and biology researchers interested in simplified MS imaging of tissue samples through the use of this ambient ionization technique, and to a multidisciplinary audience that would benefit from spatially-resolved chemical information for discovery and hypothesis-generating applications.

Suggested reviewers include:

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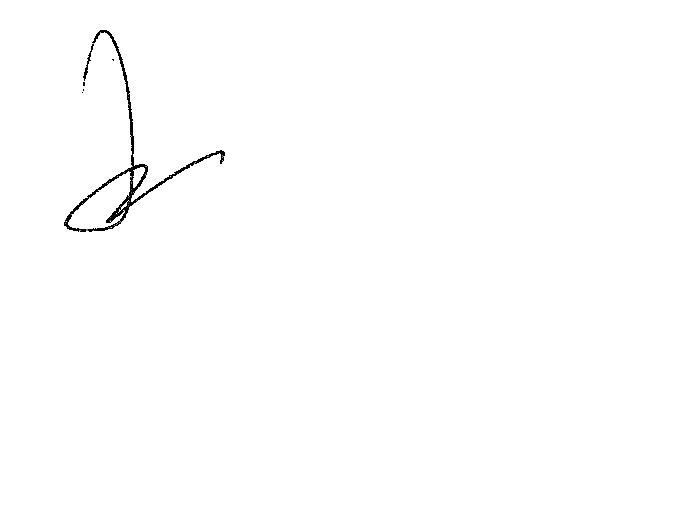
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We all affirm that we have reviewed the manuscript and approve of its submission. We also affirm that the research is (i) original, (ii) not presently under consideration for publication elsewhere, (iii) all authors played an active role in the methodology, and (iv) free of conflict of interest.

Sincerely,



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