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**Prof. Vahid Sandoghdar**

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Dr. Jialan Zhang

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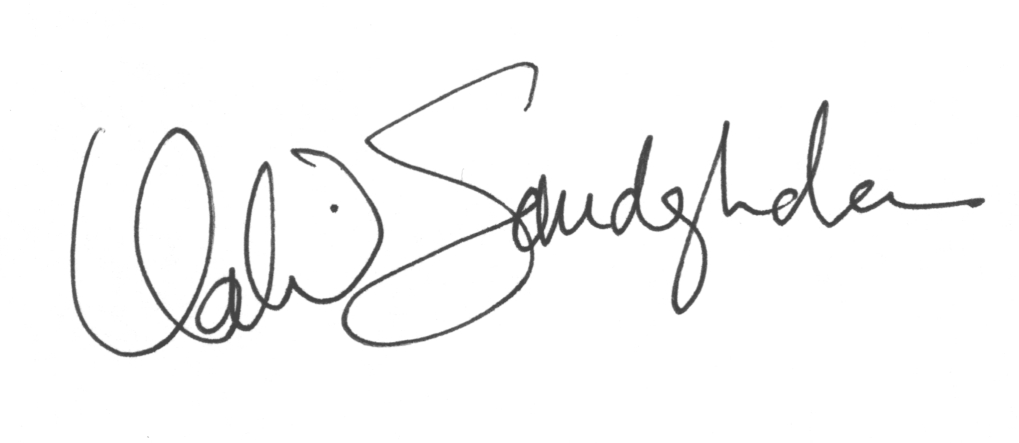
Dear Dr. Zhang,

Thank you for your invitation to submit our work to the Journal of Visualized Experiments (JoVE). Please find the manuscript enclosed, titled “Label-free imaging of single proteins secreted from living cells via iSCAT microscopy”. In it, we outline a protocol for interferometric detection of scattered light (iSCAT) microscopy and show how this method can be used for real-time detection and imaging of single unlabeled proteins as they are secreted from individual living cells. We detail the process of building a functioning iSCAT microscope and demonstrate it with Laz388 cells—an Epstein-Barr virus (EBV) transformed B cell line. Compared to the established methods such as mass spectrometry or immunoassays, iSCAT detection provides orders of magnitude higher temporal resolution and is suitable for real-time investigation of living, active cells with single-protein sensitivity.

I believe that our work and this manuscript deserve the attention of the diverse audience of JoVE. I hope that you share our enthusiasm and request expert review for this manuscript. For your convenience, we have provided a list below of the names and contact information for three appropriate expert reviewers.

Should you have any questions, or require my assistance in connection with this submission, please do not hesitate to contact me right away.

Sincerely,



Prof. Vahid Sandoghdar

**Possible external reviewers**

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