



## Simon Haziza

Basic Life Res Scientist

Biology

### Bio

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#### ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

#### LINKS

- <https://pyramidal.stanford.edu/>: <https://pyramidal.stanford.edu/>

### Publications

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#### PUBLICATIONS

- **Imaging high-frequency voltage dynamics in multiple neuron classes of behaving mammals.** *bioRxiv : the preprint server for biology*  
Haziza, S., Chrapkiewicz, R., Zhang, Y., Kruzhilin, V., Li, J., Li, J., Delamare, G., Swanson, R., Buzsáki, G., Kannan, M., Vasan, G., Lin, M. Z., Zeng, et al  
2024
- **Dual-polarity voltage imaging of the concurrent dynamics of multiple neuron types.** *Science (New York, N.Y.)*  
Kannan, M., Vasan, G., Haziza, S., Huang, C., Chrapkiewicz, R., Luo, J., Cardin, J. A., Schnitzer, M. J., Pieribone, V. A.  
2022; 378 (6619): eabm8797
- **Fast, in vivo voltage imaging using a red fluorescent indicator.** *Nature methods*  
Kannan, M., Vasan, G., Huang, C., Haziza, S., Li, J. Z., Inan, H., Schnitzer, M. J., Pieribone, V. A.  
2018
- **Fluorescent nanodiamond tracking reveals intraneuronal transport abnormalities induced by brain-disease-related genetic risk factors** *NATURE NANOTECHNOLOGY*  
Haziza, S., Mohan, N., Loe-Mie, Y., Lepagnol-Bestel, A., Massou, S., Adam, M., Le, X., Viard, J., Plancon, C., Daudin, R., Koebel, P., Dorard, E., Rose, et al  
2017; 12 (4): 322–28
- **Single particle tracking of fluorescent nanodiamonds in cells and organisms** *CURRENT OPINION IN SOLID STATE & MATERIALS SCIENCE*  
Hui, Y., Hsiao, W., Haziza, S., Simonneau, M., Treussart, F., Chang, H.  
2017; 21 (1): 35–42