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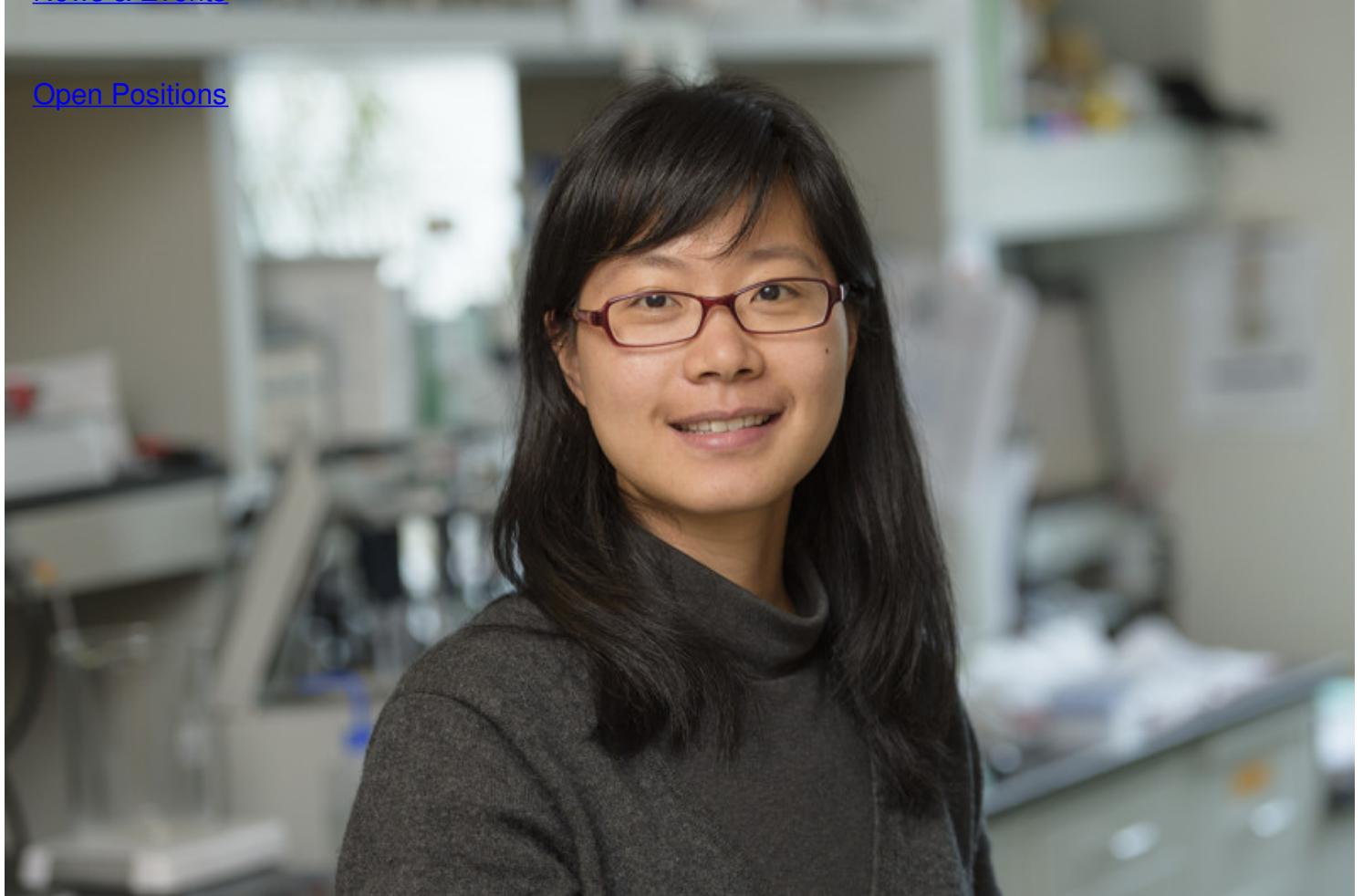
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## Hongyun Wang, PhD

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## **Education and Training**

### **2013-Present**

Research Fellow, Molecular Biology Program, Qu Lab

### **2012**

PhD, Biophysical Chemistry  
Boston University, Boston, MA

### **2007**

BS, Physical Chemistry  
University of Science and Technology of China (USTC), China

## Publications

- H. Wang, L. Wu, B. M. Reinhard, "Scavenger Receptor Mediated Endocytosis of Silver Nanoparticles into J774A.1 Macrophages is Heterogeneous", *ACS Nano*, 6, 7122 (2012)
- H. Wang, G. Rong, B. Yan, L. Yang, B. M. Reinhard, "Optical Sizing of Immunolabel Clusters through Multispectral Plasmon Coupling Microscopy", *Nano Lett.*, 11, 498 (2011).
- H. Wang, B. M. Reinhard "Monitoring Simultaneous Distance and Orientation Changes in Discrete Pairs of DNA Linked Gold Nanoparticles", *J. Phys. Chem. C*, 113, 11215 (2009).
- G. Rong†, H. Wang†, B. M. Reinhard "Insights from a Nanoparticle Minuet: Two-Dimensional Membrane Profiling through Silver Plasmon Ruler Tracking", *Nano Lett.*, 10, 230 (2010) († Equally Contributed)
- L. Yang, H. Wang, B. Yan, B. M. Reinhard, "Calibration of Silver Plasmon Rulers in the 1-25nm Separation Range: Experimental Indications of Distinct Plasmon Coupling Regimes", *J. Phys. Chem. C.*, 114, 4901 (2010).
- G. Rong, H. Wang, L. R. Skewis, B. M. Reinhard, "Resolving Sub-Diffraction Limit Encounters in Nanoparticle Tracking Using Live Cell Plasmon Coupling Microscopy", *Nano Lett.*, 8, 3386 (2008).
- J. Wang, S. V. Boriskina, H. Wang, B. M. Reinhard, "Illuminating Epidermal Growth Factor Receptor Densities on Filopodia through Plasmon Coupling", *ACS Nano*, 5, 6619 (2011).
- H. Wang, G. Rong, L. Yang, B. M. Reinhard, "Silver plasmon rulers as probes in polarization-resolved plasmon coupling microscopy", *Proc. SPIE*, DOI:10.1117/12.874244 (2011)
- H. Wang, L. R. Skewis, G. Rong, B. M. Reinhard, "Resolving subdiffraction-limit distances", *SPIE Newsroom*, DOI: 10.1117/2.1200901.1452 (2009).

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