

**Xiao Huang, PhD**

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Xiao Huang has been a postdoc scholar in UCSF Tejal Desai laboratory since June 2016, working on the interfaces between materials and therapeutic biologics. One of his major efforts was on the development of a robust chemistry for the surface functionalization of biocompatible materials to modulate immune cells for potential uses in cancer immunotherapy. Meanwhile, he investigated into interactions between nanotopography and epithelial tight junction biology, and associated mechanisms for enhanced and reversible trans-epithelial permeability. He received his Ph.D. degree in Chemistry and Biochemistry in 2016 from the University of California, Santa Barbara. His thesis work was focused on a near-infrared light-activated cell resolution biomolecule intracellular delivery technology, which led to 4 first-authored papers in top journals of the field. Further, he has authored 2 pending patents, and was awarded several fellowships, including UCSF-PBBR fellowship, Li foundation fellowship, CIRM fellowship, etc. Moving forward, Xiao aspires to become an academic seeking understandings and solutions of diseases through novel materials engineering.