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Research

# **Cindy Puente, PhD**

VP of Scientific Services, PRI Healthcare Solutions, Parisppany, NJ



## **Dissertation**

Sensing and Relayaing of the Autophagic Signal by the ULK1 Kinase Complex (2016)

## **Mentor**

Xuejun Jiang, PhD

## **Start Year**

2009

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#### **End Year**

2016

#### Education

**Hunter College** 

To me, being a scientist is akin to being an adventurer. I like knowing that I might be the only person who's ever known one specific fact. When I was little in Colombia, my family owned a coffee farm, where I became enthralled by nature's beauty and mystery. I still like working with my hands and seeking knowledge. I am an avid gardener. Currently, I grow okra, asparagus, grapes, strawberries, blueberries, figs, apples — my garden is very extensive. Diverse experiences like this can help define a PhD applicant. Students should have extensive research interests but also be passionate and show leadership.

## **Fellowships**

Ruth L. Kirschstein Predoctoral Individual National Research Service Award (NIH F31) (2013-2016)

#### **Publications**

Puente C, Hendrickson RC, Jiang X. (2016) Nutrient-regulated Phosphorylation of ATG13 Inhibits Starvation-induced Autophagy. *J Biol Chem.*, 291, 6026-35. PMCID: PMC4786734.

Gammoh N, Fraser J, Puente C, Syred HM, Kang H, Ozawa T, Lam D, Acosta JC, Finch AJ, Holland E, Jiang X. (2016) Suppression of autophagy impedes glioblastoma development and induces senescence. *Autophagy*. 12, 1431-9. PMCID: PMC5082770 [Available on 2017-06-15]

Wong P, Puente C, Ganley I, Jiang X. (2013) The ULK1 complex: sensing nutrient signals for autophagy activation. *Autophagy*, 9, 124-137. PMCID: PMC3552878.

Gammoh N, Lam D, Puente C, Ganley I, Marks P, Jiang X. (2012) Role of autophagy in histone deacetylase inhibitor-induced apoptotic and nonapoptotic cell death. *Proc Natl Acad Sci*, 109, 6561-6565. PMCID: PMC3340088.

View a full listing of Cindy Puente's journal articles.



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