1. Research publications on the functional and pharmacological characterization of adipokines and SIRT1 in obesity-related diseases.


• Xu A, **Wang Y***, Keshaw H, Xu L, Lam KSL and Cooper GJ, The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. **Journal of Clinical Investigation**. 2003, 112:91-100 (**Wang Y is the co-first author**) (**the figure was chosen as the front cover**).

2. **Research publications on proteomic/genomic biomarker and drug discovery**


3. Research publications on using proteomics approaches for studying protein-protein interactions and protein posttranslational modifications


• **Wang Y***, Lam KS, Chan L, Chan KW, Lam JB, Lam MC, Hoo RC, Mak WW, Cooper GJ and Xu A. Post-translational modifications of the four conserved lysine residues within the collagenous domain of adiponectin are required for the formation of its high molecular weight oligomeric complex. *Journal of Biological Chemistry*. 2006, 281(24):16391-400. (*Corresponding author)


4. Research publications related to proteomic-analysis of novel hormones and signaling molecules


Xu A, **Wang Y**, Xu LY and Gilmour RS. Nuclear Translocation of Protein Kinase C is responsible for the termination of insulin growth factor I -induced activation of nuclear phospholipase C β1 in Swiss 3T3 cells. *Journal of Biological Chemistry*. 2001: 276; 14980-6.


5. Invited reviews, commentary articles and book chapters


