1. **Publications on SIRT1-related signaling pathways in ageing-related diseases**


- **Wang Y**. Molecular Links between Caloric Restriction and Sir2/SIRT1 Activation. *Diabetes & Metabolism Journal* 2014 In press

- **Chen J** and **Wang Y**. Metaplastic breast cancer – a rare but challenging entity. *Trends in Cancer Research* 2014 In press


- **Wang Y**, Xu C, Liang Y, Vanhoutte PM. SIRT1 in metabolic syndrome: where to target


2. Publications on the functional and pharmacological characterization of adipokines

- Yang B, Fan P, Xu A, Lam KSL, Berger T, Mak TW, Tse HF, Yue JWS, Song E, Vanhoutte PM, Sweeney G, **Wang Y***. Improved functional recovery to I/R injury in hearts from


- 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).

3. Research publications on proteomic/genomic biomarker and drug discovery

- Li Z, Wang Y, Vanhoutte PM. Epigallocatechin gallate elicits contractions of the isolated aorta of the aged spontaneously hypertensive rat. Basic & Clinical Pharmacology &
Toxicology. 2011;109(1):47-55.


3. 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
- Fan P and Wang Y*. Adipokines-Toward the Molecular Dissection of Interactions between Stromal Adipocytes and Breast Cancer Cells, in Breast Cancer – Recent Advances in Biology, Imaging and Therapeutics, publisher: InTech press. 2011 (Book Chapter)
• Wang Y* and Seneviratne J. Biomarker discovery in clinical proteomics: strategies for exposing low abundant proteins. *Current Proteomics.* 2008, in press. (*Corresponding author)
• Wang Y*, Lam KS, Xu A. Adiponectin as a negative regulator in obesity-related mammary carcinogenesis. *Cell Research.* 2007, 17:280-2. (*Corresponding author)