



学术报告

Adiponectin as a novel therapeutic agent for the treatment of diabetes and its complications

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The University of Hong Kong

报告地点: 生物楼一楼学术报告厅

报告时间: 2007年4月13日星期五 下午3:00

报告人简介:

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

Bachelor of Medicine (Anhui Medical University, China), Master of Sciences & Doctor of philosophy (University of Auckland, New Zealand)

WORK EXPERIENCE

1. Associate Professor, Department of Medicine & HBHA center, HKU (08/2005 to present)
2. Visiting Professor, Guangzhou Institute of Biomedicine & Health, Chinese Academy of Science, 2006 to present.
3. Research Assistant Professor, Department of Medicine, HKU (08/2002-08/2005)
4. Senior Research Fellow, School of Biological Sciences, University of Auckland & Senior Research Scientist, Protemix Biotechnology Corporation, New Zealand (01/2001-08/2002).
5. Postdoctoral fellow, Department of Molecular Medicine, The University of Auckland (10/1999-12/2000)

HONORS

1. Best doctoral Thesis, University of Auckland, 2000
2. Outstanding Young Researcher, University of Hong Kong, 2005-6

REPRESENTATIVE PUBLICATIONS

1. *Xu A, Wang Y, Keshaw H, Xu LY, Lam KS, Cooper GJ. The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. J Clin Invest. 2003;112:91-100 (*Corresponding author, the paper was selected for the cover story of this issue) (IF=15.2). The paper has been cited over 160 TIMES in 3 years.

2. *Xu A, Lam MCL, Chan KW, Wang Y, Hoo RCL, Zhang JL, Tso A and Lam KSL, ANGPTL4 decreases blood glucose, improve glucose tolerance, but induces hyperlipidemia and hepatic steatosis in mice, PNAS, 2005, 102, 6089-6091 (* corresponding author). (IF=10.8), a patent associated with this paper has been filed through HKU versitech Ltd.
3. Xu A, Tso AW, Cheung BM, Wang Y, Wat NM, Fong CHY, Yeung DCY, Janus ED, Sham PC and Lam KS. Circulating adipocyte-fatty acid binding protein levels predict the development of the metabolic syndrome: a 5-year prospective study, Circulation, 2007, 115:1537-43 (IF = 11.7).
4. Cheng KY, Lam KS, Wang Y, Huang Y, Carling D, Wu D, Wong C and Xu A*, Adiponectin-induced eNOS activation and Nitric Oxide Production are Mediated by APPL1 in endothelial cells. Diabetes, 2007, Epub ahead of print, Feb 09, 2007. (IF=8.8) (*Corresponding author).
5. Xu A, Bellamy AR, Taylor JA. Immobilization of the early secretory pathway by a virus glycoprotein that binds to microtubules. The EMBO J. 2000;19:6465-6474 (The paper has been chosen AS the cover story of this issue) (IF=10.4).
6. Xu A*, Wang Y, Xu JY, Stejskal D, Tam S, Zhang J, Wat NM, Wong WK, Lam KS, Adipocyte Fatty Acid-Binding Protein Is a Plasma Biomarker Closely Associated with Obesity and Metabolic Syndrome. Clin Chem, 2006, 52:405 (IF= 7.71), Discovered a novel biomarker for metabolic syndrome.
7. Wang Y, Lam KS, Kraegen EW, Sweeney G, Zhang J, Tso AW, Chow WS, Wat MN, Xu JY and Xu A*. Lipocalin-2 is an inflammatory marker closely associated with obesity, insulin resistance and hyperglycemia in humans, Clin Chem, 2007, 53:34-41; [Epub ahead of print at Oct 13, 2006] (Corresponding author, IF=7.71). A patent based on this finding has been filed through versitech Ltd, HKU.

报告联系人：马小军

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