



## **A/Professor Chen Chen**

PhD

Email: chen.chen@princehenrys.org

### **Position**

NHMRC Senior Research Fellow

Head, Endocrine Cell Biology Laboratory, Prince Henry's Institute of Medical Research

Honorary Associate Professor, Department of Physiology, Monash University

### **Awards**

"Foundation pour la Recherche Medicale" Postdoctoral Fellowship Award, France

Servier Award, The Endocrine Society of Australia

Eli Lilly Endocrinology Research Award

Alberta Heritage Foundation Visiting Professorship Award, University of Alberta, Canada

### **Research areas**

Regulation of growth hormone and growth hormone deficiency, obesity and diabetes, effect of ghrelin in the heart and uterine endometrium

### **Recent publications**

Choi K-C, Roh S-G, Homg Y, Hishikawa D, Chen C, Kojima M, Kangawa K, Sasaki S-I: (2003) The role of ghrelin and GHS-receptor on rat adipogenesis. *Endocrinology*, 144: 754-759.

Xu R, Roh S-G, Gong C, Hernandez M, Ueta Y, Chen: (2003) Orexin-B augments voltage-gated L-type Ca<sup>2+</sup> current via a PKC-mediated signalling pathway in ovine somatotropes. *Neuroendocrinology*, 77:141-152.

Chen C, Xu R: (2003) In vitro regulation of growth hormone secretion by orexins. *Endocrine*, 22:57-66.

Xu X-B, Cao J-M, Pang J-J, Xu R-K, Ni C, Zhu W, Chen M-C, Chen C: (2003) The positive inotropic and calcium-mobilizing effects of growth hormone-releasing peptides on rat heart. *Endocrinology*, 144: 5050-5057.

Zhao Y, Xu R, Hernandez M, Zhu Y-L, Chen C: (2003) Difference of the [Ca<sup>2+</sup>]<sub>i</sub> response to extracellular ATP and glucose in primary cultured rat and mouse pancreatic islets cells. *Endocrine*, 22:185-192.

Pang J-J, Xu R-K, Xu X-B, Cao J-M, Ni C, Asotra K, Zhu W-L, Chen M-C, Chen C: (2004) Hexarelin Prevents Rat Cardiomyocytes from Angiotensin II-Induced Apoptosis In Vitro. *American Journal of Physiology (H&C)*, 286:H1063-H1069.

Yan M, Jones M, Hernandez M, Simpson E, Chen C: (2004) Functional Modification of Pituitary Somatotropes in the Aromatase Knockout Mouse and the Effect of Estrogen Replacement. *Endocrinology*, 145:604-612.

Yan M, Hernandez M, Xu R, Chen C: (2004) A diphasic effect of GHRH and GHRP-2 on GH, Pit-1, GHRH-R, GHS-R, sst-1, sst-2 mRNA levels and GH secretion in ovine pituitary cells. *European Journal of Endocrinology*, 150:235-242.

Katoh K, Matsuda A, Ishigami A, Yonekura S, Ishiwatal H, Chen C, Obara Y: (2004) Suppressing effects of bisphenol A on the secretory function of ovine anterior pituitary cells. *Cell Biology International*, 28: 463-469.