

林佳育 老師

現職 保健營養生技學系 助理教授

學歷 奧本大學 營養研究所 博士

專長1 糖尿病與肥胖研究

專長3 食品營養學

專長5 保健食品

專長7 營養與代謝

專長9 細胞生物

專長2 細胞培養與動物模型實驗

專長4 營養學

專長6 動物實驗

專長8 生物技術

專長10 基因調控

教師研究成果資料明細

研究計畫

1.林佳育 農委會 2008.05.1 ~2008.12.31

米糠萃取物對胰島素分泌細胞之保護效應

2.林佳育 國科會 2008.08.1 ~2009.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

3.林佳育 國科會 2009.08.1 ~2010.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

4.林佳育 國科會 2010.08.1 ~2011.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

5.林佳育 校內計畫 2008.12.1 ~2009.11.30

芭樂保護胰臟β細胞抗凋亡及調控胰島素分泌的作用

6.林佳育 國科會 2008.08.1 ~2009.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

7.林佳育 國科會 2009.08.1 ~2010.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

8.林佳育 國科會 2010.08.1 ~2011.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

9.林佳育 國科會 2008.08.1 ~2009.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

10.林佳育 國科會 2009.08.1 ~2010.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

11.林佳育 國科會 2010.08.1 ~2011.07.31

白藜蘆醇改善葡萄糖毒性引起之胰島β細胞凋亡作用及其機制

SCI、SSCI、A&HCI、EI、TSSCI期刊論文

1.林佳育(LIN CY)、黃晉修(Chin-Shiu Huang),2009-07, (已刊登)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

57卷15期:6661頁~6667頁

Anticoagulatory, antiinflammatory, and antioxidative effects of protocatechuic acid in diabetic mice.

2. 林佳育(LIN CY)、黃晉修(Chin-Shiu Huang), 2009-08, (已刊登)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

57卷15期:6661頁~6667頁

Anticoagulatory, antiinflammatory, and antioxidative effects of protocatechuic acid in diabetic mice.

3. 林佳育(LIN CY), 2007-02, (已刊登)

DIABETES 56卷5期:1324頁~1332頁

Toxic human IAPP oligomers are intracellular, and vaccination to induce anti-toxic oligomer antibodies does not prevent human IAPP induced beta-cell apoptosis in human IAPP transgenic mice.

4. 林佳育(LIN CY), 2007-04, (已刊登)

DIABETES 56卷8期:2016頁~2027頁

High expression rates of human islet amyloid polypeptide induce endoplasmic reticulum stress-mediated beta cell apoptosis, a characteristic of humans with type 2 but not type 1 diabetes.

5. 蔡世傑(Shih-Jei Tsai)、林佳育(LIN CY)、蒙美津(Mei-Chin Mong)、何茂旺(Mao-Wang Ho)、殷梅津(YIN, MEI-CHIN)*, 2010-06, (已刊登)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY 58卷1期:7104頁~7108頁

s-Ethyl cysteine and s-propyl cysteine alleviate beta-amyloid induced cytotoxicity in nerve growth factor differentiated PC12 cells

6. 林佳育(LIN CY), 2002-, (已刊登)

BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS

296卷2期:383頁~387頁

Endothelin-1 inhibits resistin secretion in 3T3-L1 adipocytes

7. 林佳育(LIN CY), 2002-, (已刊登)

AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM

282卷5期:E1084頁~E1091頁

Central leptin increases insulin sensitivity in streptozotocin-induced diabetic rats.

8. 林佳育(LIN CY), 2005-, (已刊登)

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM 90卷

期:6678頁~6686頁

Activation of peroxisome proliferator-activated receptors- (PPAR-) by rosiglitazone protects human islet cells against human islet amyloid polypeptide toxicity by a PI3 kinase-dependent pathway

9. 林佳育(LIN CY), 2006-, (已刊登)

AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM

291卷6期:E1317頁~E1324頁

Inhibition of hIAPP fibril formation does not prevent beta-cell death: Evidence for distinct actions of oligomers and fibrils of hIAPP

10. 林佳育(LIN CY), 2007-, (已刊登)

DIABETES 56卷1期:65頁~71頁

Human islet amyloid polypeptide (IAPP) disrupts cell coupling and induces apoptosis and impaired insulin secretion in isolated human islets

11. 林佳育(LIN CY)、黃晉修(Chin-Shiu Huang)、殷梅津(YIN, MEI-CHIN)*
,2011-04, (已刊登)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY 59卷期:5117頁~5124頁
Anti-glycative effects of protocatechuic acid in kidney of diabetic mice

12. 林佳育(LIN CY)、殷梅津(YIN, MEI-CHIN) ,2011-08, (已刊登)

TOXICOLOGY IN VITRO 25卷-期:1274頁~1280頁

Inhibition of cell proliferation, invasion and migration by ursolic acid in human lung cancer cell lines

13. 林佳育(LIN CY)、黃晉修(Chin-Shiu Huang)、殷梅津(YIN, MEI-CHIN)
,2011-05, (已刊登)

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY 59卷9期:5117頁~5124頁
Antiglycative effects of protocatechuic acid in the kidneys of diabetic mice.

14. 林佳育(LIN CY)*、黃佩珍(Pei-Jane Huang) ,2011-, (已刊登)

FASEB JOURNAL 25卷6期:658頁~658頁

LIN CY, Lee YY, Chen SL, Huang PJ, Chen PC. Chlorella protects pancreatic beta-cell from hydrogen peroxide-induced cellular damage. The FASEB Journal.

2011;25:658.3

研討會論文

1. 林佳育(LIN CY) 2009.05.22~2009.05.23

添加米糠萃取物對胰島β-細胞的影響 (PA-39)

第35屆營養年會暨學術研討會

2. 林佳育(LIN CY) 2000.

Low-dietary protein reduces responsiveness to leptin

Society for Neuroscience

3. 林佳育(LIN CY) 2000.

Effect of intracerebroventricular leptin on cardiac fructose-2,6-bisphosphate content

Diabetes

4. 林佳育(LIN CY) 2001.

Central leptin increases insulin sensitivity and normalizes blood glucose concentrations in streptozotocin-treated diabetic rats

Experimental Biology

5. 林佳育(LIN CY) 2001.

Endothelium-1 contributes to deterioration of cardiac function in diabetes

Experimental Biology

6. 林佳育(LIN CY) 2001.

Bosentan improves cardiac function in streptozotocin-induced diabetic rats

Diabetes

7. 林佳育(LIN CY) 2002.

Low dietary protein attenuates the ability of leptin to inhibit body fat accumulation

Experimental Biology

8. 林佳育(LIN CY) 2002.

Central leptin increases sympathetic activity and reverses hyperglycemia in streptozotocin-induced diabetic rats

Experimental Biology

9. 林佳育(LIN CY) 2004.

Peroxisome proliferator-activated receptor-r (PPAR-r) activation protects human islets from human islet amyloid polypeptide induced apoptosis
Diabetes

10. 林佳育(LIN CY) 2004. . ~ . .

Evidence for primacy of intracellular IAPP oligomer beta cell toxicity in vivo
Diabetes

11. 林佳育(LIN CY) 2005. . ~ . .

Rosiglitazone prevents h-IAPP induced islet cell apoptosis and the related loss of insulin secretion through the PPAR-r in human islets
Diabetes

12. 林佳育(LIN CY) 2006. . ~ . .

Human islet amyloid polypeptide induces apoptosis of pancreatic beta-cells through endoplasmic reticulum stress
Diabetes

13. 林佳育(LIN CY) 2007. . ~ . .

Diabetes

14. 林佳育(LIN CY) 2010.05.21~2010.05.22

芭樂汁添加對胰島β-細胞之影響
第36屆營養年會暨學術研討會

15. 林佳育(LIN CY)、黃佩珍(Pei-Jane Huang)、林佳育(LIN CY)
2011.04.9 ~2011.04.13

Chlorella protects pancreatic beta-cell from hydrogen peroxide-induced cellular damage
Experimental Biology

16. 林佳育(LIN CY)、林佳育(LIN CY) 2011.04.9 ~2011.04.13

Effect of various concentrations of resveratrol on pancreatic beta-cell.
Experimental Biology

17. 林佳育(LIN CY)、沈依婷 2011.06.4 ~2011.06.5

Effects of Dioscorea pseudojaponica extracts on the differentiation of 3T3-L1
第37屆營養年會暨學術研討會

18. 林佳育(LIN CY) 2011.06. ~ . .

Quercetin protects pancreatic beta?cells from cytokines mediated apoptosis
Diabetes

19. 林佳育(LIN CY)、黃佩珍(Pei-Jane Huang) 2011.04.10~ . .

15. Chlorella protects pancreatic beta-cell from hydrogen peroxide-induced cellular damage. C-Y. Lin, Y-Y. Lee, S-L. Chen, P-J. Huang and P-C. Chen., SUNDAY, APRIL 10 Across Societies –
Experimental Biology, 2011

專書

1. 林佳育(LIN CY) 2010.12

膳食設計實驗-基礎飲食設計

2. 林佳育(LIN CY)、趙哲毅(Che-Yi Chao) 2011.02

膳食設計實驗

參與研討會

1.林佳育 2009-05-22~2009-05-23

第35 屆營養年會暨學術研討會

2.林佳育 2010-05-21~2010-05-22

第36 屆營養年會暨學術研討會

3.林佳育 2011-04-09~2011-04-13

Experimental Biology

4.林佳育 2011-06-04~2011-06-05

第37 屆營養年會暨學術研討會。

學術/社會服務資料

1.林佳育 2008-05-14~2011-02-28

專家

2.林佳育 2011-04-15~

專家

3.林佳育 ~

專家

4.林佳育 ~

審議委員