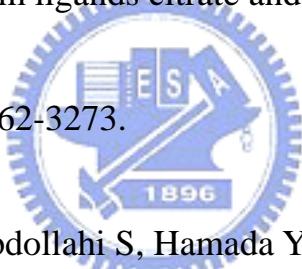


第七章 參考文獻

1. Abdallah FB, El Hage Chahine JM.(2000). Transferrins: iron release from lactoferrin. J Mol Biol. 303(2):255-266.
2. Aisen P., Harris DC.(1989). Physical biochemistry of the transferring. In Iron carriers and iron protein. Vol 5. *Edited by T. Loehr.* VCH Publishers. New york. Pp.241-351
3. Aisen P, Aasa R, Redfield AG.(1969). The chromium, manganese, and cobalt complexes of transferrin.J Biol Chem. 244(17):4628-4633.
4. Amato P, Morales AJ, Yen SS.(2002). Effects of chromium picolinate supplementation on insulin sensitivity, serum lipids, and body composition in healthy, nonobese, older men and women. J Gerontol A Biol Sci Med Sci. 55(5):M260-3
5. Baker HM, Anderson BF, Baker EN.(2003) Dealing with iron: common structural principles in proteins that transport iron and heme. Proc Natl Acad Sci U S A. 100(7): 3579-3583. Review.
6. Baker EN, Baker HM, Kidd RD.(2002).Transferrin and transferrin: functional variations on a common structural framework. Biochem Cell Biol. 80(1):27-34. Review.
7. Baker EN.(1994). Structure and reactivity of transferrins. Adv Inorg Chem. 41; 389-463

8. Brock, JH.(1985).Transferrin. *In Metalloprotein*. Vol.2 Edited by P. Harrison. Macmillan, London. Pp. 183-262
9. Bauer H.F., Drinkard W.C.(1960).A general synthesis of cobalt() complex ; a new intermediate, $\text{Na}_3[\text{Co}(\text{CO}_3)_3] \cdot 3\text{H}_2\text{O}$. J Am Chem Soc. 82: 5031-5032
10. Bauer H.F., Drinkard W.C.(1966).Sodium tricarbonayocobaltate() 3-hydrate. Inorg Syth. 8: 202-204
11. Bogan JS, McKee AE, Lodish HF.(2001). Insulin-responsive compartments containing GLUT4 in 3T3-L1 and CHO cells: regulation by amino acid concentrations.Mol Cell Biol. 21(14):4785-4806.
12. Du H., Fuh RA, Li J., Corkan A., Lindsey JS.(1998). "PhotochemCAD: A computer-aided design and research tool in photochemistry," Photochemistry and Photobiology**68**:141-142
13. Furtado LM, Somwar R, Sweeney G, Niu W, Klip A. (2002).Activation of the glucose transporter GLUT4 by insulin. Biochem Cell Biol. 80(5):569-78. Review.
14. Goldstein, D.A., Massry, S.G. (1978). Diabetic nephropathy: clinical course and effect of hemodialysis. Nephron. 20: 286-296.

15. Guo M, Harvey I, Yang W, Coghill L, Campopiano DJ, Parkinson JA, MacGillivray RT, Harris WR, Sadler PJ.(2003). Synergistic anion and metal binding to the ferric ion-binding protein from *Neisseria gonorrhoeae*.J Biol Chem. 278(4):2490-2502.
16. Hall DR, Hadden JM, Leonard GA, Bailey S, Neu M, Winn M, Lindley PF. (2002).The crystal and molecular structures of diferric porcine and rabbit serum transferrins at resolutions of 2.15 and 2.60 Å, respectively.Acta Crystallogr D Biol Crystallogr. 58(Pt 1):70-80.
17. Harris WR, Wang Z, Hamada YZ.(2003) Competition between transferrin and the serum ligands citrate and phosphate for the binding of aluminum.
Inorg Chem. 42(10):3262-3273.
- 
18. Harris WR, Yang B, Abdollahi S, Hamada Y.(1999) Steric restrictions on the binding of large metal ions to serum transferrin.J Inorg Biochem. 76(3-4):231-242.
19. Harris WR, Cafferty AM, Abdollahi S, Trankler K.(1998) Binding of monovalent anions to human serum transferrin. Biochim Biophys Acta. 1383(2):197-210.
20. Harris WR and Carrano, C.J.(1984).Binding of vanadate to human serum transferring.J Inorg Biochem. 22; 201-218

21. He QY, Mason AB, Woodworth RC.(1996). Spectrophotometric titration with cobalt(III) for the determination of accurate absorption coefficients of transferrins. Biochem J. 318 :145-148.
22. Hyashi T. Hirshman, MF. Kurth, EJ. Winder, WW. Goodyear, LJ. (1998) .Evidence for 5'AMP-activated protein kinase mediation of the effect of muscle contraction on glucose transport.Diabetes. 47(8):1369-1373,
23. Jackson S, Bagstaff SM, Lynn S, Yeaman SJ, Turnbull DM, Walker M. (2000).Decreased insulin responsiveness of glucose uptake in cultured human skeletal muscle cells from insulin-resistant nondiabetic relatives of type 2 diabetic families.Diabetes. 49(7):1169-1177.
24. Levay PF. and M. Viljoen. (1995). Transferrin: a general review. Haematologica 80:252-267.
25. Lonnerdal B, Iyer S.(1995). Lactoferrin: molecular structure and biological function. Annu Rev Nutr. 15: 93-110. Review.
26. Metz-Boutigue MHS. (1984). Human lactotransferrin: amino acid sequence and structural comparisons with other transferrins. Eur J Biochem. 145:659-676.
27. Moyers JS, Bilan PJ, Reynet C, Kahn CR.(1996). Overexpression of Rad inhibits glucose uptake in cultured muscle and fat cells.J Biol Chem. 271(38):23111-23116.

28. National Diabetes Data Group ,(1979).National Diabetes Data Group : Classification and diagnosis of diabetes mellitus and other categories of glucose intolerance. Diabetes. 28 : 1039-1057
29. Qian ZM, Li H, Sun H, Ho K. (2002). Targeted drug delivery via the transferrin receptor-mediated endocytosis pathway. Pharmacol Rev. 54(4): 561-587. Review.
30. Shiokawa D, Kobayashi T, Tanuma S. (2002).Involvement of DNase gamma in Apoptosis Associated with Myogenic Differentiation of C2C12 Cells, J Biol Chem. 277(34); 31031–31037,
31. Shinde Urmila A, Sharma G, Xu Yan J, Dhalla Naranjan S, Goyal Ramesh K. (2004)Anti-diabetic activity and mechanism of action of chromium chloride.Exp Clin Endocrinol Diabetes. 112(5):248-252.
32. Speich M, Pineau A, Ballereau F.(2001). Minerals, trace elements and related biological variables in athletes and during physical activity. Clin Chim Acta. 312(1-2):1-11. Review.
33. Tan AT, Woodworth RC. (1969). Ultraviolet difference spectrl studies of conalbumin complexes with transition metal ions. Biochemistry. 8(9):3711-3716.

34. The Exert Committee on the Diagnosis and Classification of Diabetes Mellitus ,(1997).The Exert Committee on the Diagnosis and Classification of Diabetes Mellitus : Report of the expert committee on the diagnosis and classification of diabetes mellitus. *Diabetes Care.* 20 : 1183-1197
35. Tortorella LL, Pilch PF. (2002) .C2C12 myocytes lack an insulin-responsive vesicular compartment despite dexamethasone-induced GLUT4 expression. *Am J Physiol Endocrinol Metab.* ;283(3):E514-24.
36. Weidmann, P., Boehlen, L.M. and de Courten, M. (1993). Pathogenesis and treatment of hypertension associated with diabetes mellitus. *Am Heart J.* 125: 1498-1513.
37. World Health Organization ,(1985).World Health Organization :Diabetes Mellitus --- Report of WHO Study Group. *Geneva* :91-93
38. Yang L, Crans DC, Miller SM, la Cour A, Anderson OP, Kaszynski PM, Godzala ME 3rd, Austin LD, Willsky GR.(2002). Cobalt(II) and cobalt(III) dipicolinate complexes: solid state, solution, and in vivo insulin-like properties. *Inorg Chem.* 41(19):4859-4871.
39. Vincent JB.(1999) Mechanisms of chromium action:
low-molecular-weight chromium-binding substance.J Am Coll Nutr.
18(1):6-12. Review.

40. Zhong W, Parkinson JA, Guo M, Sadler PJ. (2002). Unusual features for zirconium(IV) binding to human serum transferrin. J Biol Inorg Chem. 7(6):589-99
41. 陳國群，最新內分泌學(Current Endocrinology)，第一版，台北，藝軒，民國九十年
42. 陳國群，糖尿病治療藥物，第二版，台北，藝軒，民國八十八年
43. 林興中 (1994)，如何妥善使用口服抗糖尿病藥物，臺灣醫界，37:49-60

