

## 參考資料與文獻

1. 姚維仁、吳重慶 (1999), 骨密度測量方法的最新進展, 秀傳醫學雜誌, 14 頁, 179-185.
2. 秀傳紀念醫院一家醫科 陳彥均醫師, 漫談骨質疏鬆症, 保健櫥窗及衛教園地.
3. Osborn, Barbara H., Couchman, G. M., Siegler, I. C., and Bastian L.A., Osteoporosis risk factors: association with use of hormone replacement therapy and with worry about osteoporosis. *Women's Health Issues* 9 278-285, 1999.
4. Stock, J.L., Amantea, L., Overdorf, J.H., Samar, A.D., and Pickens, F.L., The role of chiropractic in the diagnosis, prevention and treatment of osteoporosis. *Maturitas* 28: 1: 95; 1997.
5. Mosekilde L. Sex differences in age-related loss of vertebral trabecular bone mass and structure: biomechanical consequences. *Bone* 1989;10:425-432.
6. L.Riggs, L.J.Melton III 原著、楊榮森編譯 (1997) 骨質疏鬆症-病因。診斷。治療。台北,合記圖書出版公司
7. 美國國家骨質疏鬆症基金會網頁, <http://www.nof.org/index.html>, 2005
8. Pamela Taxel, Anne Kenny. Differential Diagnosis and Secondary Causes of Osteoporosis. *clinical Cornerstone Osteoporosis*, Vol. 2 No. 6
9. Delmas P.D., R. Eastell, P. Gamero, M. J. Seibel and J. Stepan. The use of biochemical marker of bone turnover in osteoporosis, *Osteoporos Int.* (2000) suppl. 6, 12-17
10. Concepcion D. P., Traba, M. L.; Cabrera, C. D., and Henriquez, M. S., New biochemical markers of bone resorption in the study of postmenopausal osteoporosis. *Clinica Chimica Acta* 265: 2:225-234;1997.
11. Takami, H., Ikeda, Y., Hayashi, K., Hayashi, M., Konishi, K., Saruta, T.; Carpi, A., Clinical assessment of collagen cross-linked N-telopeptides as a marker of bone metabolism in patients with primary hyperparathyroidism. *Biomedicine and Pharmacotherapy* 53:7: 329-333; 1999.
12. Gertz BJ, Shap P, Hanson DA, Quan H, Harris ST, Genant K, Chesnut CH and Eyre DR. Monitoring bone in early postmenopausal women by an immunoassay for collagen peptides in urine. *Journal of bone and Mineral Research* 1994; 9(2): 135-141.

13. Garnero P . Biochemical markers of bone turnover. *Endocrinology and Metabolism Clinics of North America* 1998; 27(2): 303-323.
14. Sone T, Miyake M, Takeda N, and Fukunaga M. Urinary excretion of type I collagen crosslinked N-telopeptides in healthy japanese adults: age- and sex-related changes and reference limits. *Bone* 1995; 17(4): 335-339.
15. Scariano JK, Vanderjagt DJ, Thacher T, Isichei CO, Hollis BW, and Glew RH. Calcium supplements increase the serum levels of cross-linked N-telopeptides of bone collagen and parathyroid hormone in rachitic nigerian children. *Clinical Biochemistry* 1998; 31(5): 421-427
16. Feng-Di T. Lung, Chiu-Heng Chen, Heuy-Yi Chen, Chien-Chung Liou and Yen-Meng Liou. Binding Potency of Peptide Fragments of Type 1 Collagen Cross-linked N-telopeptide Measured by an Enzyme-linked Immunosorbant Assay , *Protein and Peptide Letters* (2002), 9(5), 451-457
17. Feng-Di T. Lung, Huey-Yi Chen and Hsing-Tzu Lin. Monitoring Bone Loss Using ELISA and Surface Plasmon Resonance (SPR) Technology , *Protein and Peptide Letters* (2003), 10, 1-7
18. Jia-Yin Tsai and Feng-Di T. Lung, Manual Solid Phase Synthesis of Potent Peptide Analogs , *The Chinese Pharmaceutical Journal*, (2002), 54, 141-147
19. Lung F-D, Chen H-Y, Liou Y-M, Chen C-H, Lin S-T, Wang P-J, Tu B-L, Chen W-C, Wu C-H, Hsu C-H, Hsu W-Z, and Chen S-Y. "Epitope mapping anti-type 1 collagen N-telopeptides antibodies with synthetic peptides". *Peptides: The wave of the Future(Proceedings of the 2nd International/ 17th American Peptide Symposium,2001 San Diego, California, U.S.A. )* edited by Michal Lebl and Richard A. Houghten
20. Hanson DA, Weis MA, Bollen A-Mmaslan SL, Singer FR, Eyre DR. A specific immunoassay for monitoring human bone resorption: Quantitation of type I collagen cross-linked N-telopeptide in urine. *J Bone Miner Res* 1992; 7: 1251-1258.
21. Instructions for use of Osteomark the NTx test, *Ostex International, Inc. U.S.A., 1999.*
22. 楊榮森, 骨質疏鬆症 ( ISBN 0-7817-0275-5 ), 合記圖書,1997; p195-198.
23. 楊榮森, 骨質疏鬆症 ( ISBN 0-7817-0275-5 ), 合記圖書,1997; p265-268.
24. 楊榮森, 骨質疏鬆症 ( ISBN 0-7817-0275-5 ), 合記圖書, 1997; p301-308.

25. Merrifield RB, Solid phase peptide synthesis. I. The synthesis of a tetrapeptide. *J. Am. Chem. Soc.*, 1963 : 85 : 2149-2153.
26. Carpino LA, Han GY : The 9-fluorenylmethoxy-carbonyl amino protecting group. *J. Org. Chem.* 1972 ; 37 : 3404-3409.
27. Albericio F, Kenib-Cordonnier N, Biancalana S, Gera L, Masada RI, Hudson D, Barany G : Preparation and application of the 5-(4-(9-Fluorenylmethyl-oxycarbonyl)-amino-methyl-3,5-dimethoxyphenoxy)-valeric Acid(PAL) handle for the solid-phase synthesis of C-terminal peptide amines under mild conditions. *J. Org. Chem.* 1990 ; 55 : 3730-3743.
28. Perkin Elmer : Introduction to cleavage techniques : Strategies in peptide synthesis. 1995.
29. Feng-Di T. Lung, Jya-Yin Tsai. Grb2 SH2 Domain-Binding Peptide Analogs as Potential Anticancer Agents, *Biopolymers* (2003), 71(2), 132-140.
30. Please refer to APA Web site ( <http://www.vydac.com> )
31. Xiao-Chuan Guo, P. T. Ravi Rajagopalan, and Dehua Pei. A Direct spectrophotometric Assay for Peptide Deformylase. *Analytical Biochemistry* 273, 298–304 (1999)
32. Rebeca Quilez, Solange de Lauzon, Bernard Desfosses, Daniel Mansuy, Jean-Pierre Mahy, Artificial peroxidase-like hemoproteins based on antibodies constructed from a specifically designed ortho-carboxy substituted tetraarylporphyrin hapten and exhibiting a high affinity for iron-porphyrins. *FEBS Lett* 395 (1996) 73-76
34. Mare Cudic, a, John D. Wade and Laszlo Otvos Jr. Convenient synthesis of a head-to-tail cyclic peptide containing an expanded ring. *Tetrahedron Letters* 41 (2000) 4527-4531
35. Maria C. Alcaro, Giuseppina Sabatino, Jacques Uziel, Mario Chelli, Mauro Ginanneschi, Paolo Rovero and Anna M. Papini, On-resin Head-to-tail Cyclization of Cyclotetrapeptides: Optimization of Crucial Parameters. *J. Peptide Sci.* 10: 218–228 (2004)
36. Xu Zang, Zhiguang Yu, and Yen-Ho Chu. Tight-Binding Streptavidin Ligands From a Cyclic Peptide Library. *Bioorganic & Medicinal Chemistry Letters* 8 (1998) 2327-2332.
37. Yi-Pin Chang, Yen-Ho Chu. Using surface plasmon resonance to directly

- determine binding affinities of combinatorially selected cyclopeptides and their linear analogs to a streptavidin chip. *Analytical Biochemistry* 340 (2005) 74–79
38. Lin Lu-Ming, Lien Ming-Huei, Andrew Yeh. Kinetic Studies of the Reactions of Pentacyanoferrate(III) Complexes with L-Ascorbic Acid. *Int. J. Chem. Kin.* 37 (2005) 126
  39. Diana Vineyard, Jessica Patterson-Ward, and Irene Lee. Single-Turnover Kinetic Experiments Confirm the Existence of High- and Low-Affinity ATPase Sites in *Escherichia coli* Lon Protease. *Biochemistry* 2006, 45, 4602-4610
  40. David G. Tew,§ Helen F. Boyd, Stephen Ashman, Colin Theobald, and Colin A. Leach. Mechanism of Inhibition of LDL Phospholipase A2 by Monocyclic- $\alpha$ -lactams. Burst Kinetics and the Effect of Stereochemistry. *Biochemistry* 1998, 37, 10087-10093
  41. Peck Ritter. *Biochemistry a foundation*. 2004.
  42. Gaskell, Simon J. *Electrospray: principles and practice*. *Journal of Mass Spectrometry* (1997), 32(12), 1378.
  43. Summerfield, Scott G., Whiting, Andrew; Gaskell, Simon J. Intra-ionic interactions in electrosprayed peptide ions. *International Journal of Mass Spectrometry and Ion Processes* (1997), 162(1-3), 149-161.
  44. Brace A. Thomson. Declustering and fragmentation of protein ions from an electrospray ion source. *Journal of the American Society for Mass Spectrometry*. 1997, 8(10), 1053-1058
  45. 李茂榮, 林孝道等. 質譜分析專輯, 國科會精密儀器發展中心編印, 1992
  46. Perkin Elmer : *Introduction to Cleavage Techniques: Strategies in Peptide Synthesis*. 1995.
  47. 石宇嘉, 石宇華. *儀器分析化學*, 鼎茂圖書, 2001.
  48. Douglas A. Skoog, F. James Holler, Timothy A. Nieman. *Principles of Instrumental analysis*. 滄海書局, 2003.
  49. Trudy Mckee, James R. Mckee. *The molecular basis of life*. 滄海書局, 2004.
  50. Fagerstam LG, Frostell-Karlesson, Persson B, Ronnberg I : Biospecific interaction analysis using surface plasmon resonance detection applied to kinetic, binding site and concentration analysis. *Journal of Chromatography*.

- 1992; 597:397-410.
51. BIA technology handbook, edition June 1994. TC information ab, Uppsala, Sweden.
  52. Homola J, Yee S, Gauglitz G : Surface plasmon resonance sensors: review. *Sensors and Actuators B*. 1999;54:3-15.
  53. Lahiri J, Isaacs L, Grzybowski B, Carbeck JD, Whitesides GM : Biospecific binding of carbonic anhydrase to mixed SAMs presenting benzenesulfonamide ligands: A model system for studying lateral steric effects. *Langmuir*. 1999 ;15:7186-7198.
  54. Lahiri J, Isaacs L, Tien J, Whitesides GM : A strategy for the generation of surfaces presenting ligands for studies of binding based on an active ester as a common reactive intermediate: a SPR study. *Anal. Chem.* 1999 ;71: 777-790.
  55. Scheller G, Schubert F, Pfeiffer D, Wollenberger U, Riedel K, Pavlova M, Kuhn M, Muller HG, Tan PM, Hoffmann W, Moritz W : Research and development of biosensors: a review. *Analyst*. 1989;114: 653-662.
  56. Lung FD, Tsai JY, Wei SY, Cheng JW, Chen C, Li P, Roller PP. Novel peptide inhibitors for Grb2 SH2 domain and their detection by Surface Plasmon Resonance. *Journal of Peptide Research*. 2002;60:143-149.
  57. Benny K. C. Affinity Measurement Using Surface Plasmon Resonance. *Methods in Molecular Biology*, 2004, 248, 388-415.
  58. McDonnell, J. M. (2001) Surface plasmon resonance: towards an understanding of the mechanisms of biological molecular recognition. *Curr. Opin. Chem. Biol.* 5(5),572–577.
  59. Roden, L. D. and Myszka, D. G. (1996) Global analysis of a macromolecular interaction measured on BIAcore. *Biochem. Biophys. Res. Commun.* 225(3), 1073–1077.