



REFERENCES

1. Sharon, N. "Lectins." Sci. Amer. 236(1977): 108-119.
2. Lis, H., Sharon, N. and Katchalski, E. "Soybean Hemagglutinin, a Plant Glycoprotein." J. Biol. Chem. 241(1966): 684-689.
3. Agrawal, B.B.L. and Goldstein, I. J. "Protein-Carbohydrate Interaction." Biochimica et Biophysica Acta. 147(1967): 262-271.
4. Galbraith, W. and Goldstein, I. J. "Phytohemagglutinin of the Lima Bean (*Phaseolus lunatus*)." Biochemistry. 11(1972). 3976-3984.
5. Nagata, Y. and Berger, M.B. "Wheat Germ Agglutinin.: Isolation and Crystallization." J. Biol. Chem. 247(1972): 2248-2250.
6. Allen, A.K., Neuberger, A. and Sharon, N. "The Purification, Composition and Specificity of Wheat-Germ Agglutinin." J. Biol. Chem. 131(1973): 155-162.
7. Nagata, Y. and Berger, M.B. "Wheat Germ Agglutinin: Molecular Characteristics and Specificity for Sugar Binding." J. Biol. Chem. 249(1974): 3116-3112.
8. Levi, G. and Teichberg, V.I. "Isolation and Physiochemical Characterization of Electrolectin, a β -D-galactoside Binding Lectin from the Electric Organ of Electrophorus electricus." J. Biol. Chem. 256(1981): 5735-5740.
9. Lis, H. and Sharon, N. "The Biochemistry of Plant Lectins." Ann. Rev. Biochem. 42(1973): 541-574.

10. Dart, P. J. "The infection process. The biology of nitrogen fixation." (Quispel, A. ed.) North Holland Publishing Co., Amsterdam, 1974.
11. Bohlool, B.B. and Schmidt, E.L. "Lectins: A Possible Basis for Specificity in the Rhizobium-Legume Root Nodule Symbiosis." Science. 185(1974): 269-271.
12. Wolpert, J. S. and Albersheim, P. "Host-Symbiont Interactions." Biochem. Biophys. Res. Com. 70(1976): 729-737.
13. Dazzo, F.B., Yanke W.E. and Brill W.J. "Trifoliin: A Rhizobium Recognition Protein from White Clover." Biochimica et Biophysica Acta. 539(1978): 276-286.
14. Harinasut, P. "Isolation and Characterization of Some Nitrogen-Fixing Aerobic Diazotrophic Bacteria from Rice Rhizosphere " Master's Thesis, Department of Biochemistry, Graduate School, Chulalongkorn University, 1981.
15. Folin, O. and Ciocalteu, V. "On Tyrosine and Tryptophan Determination in Proteins." J. Biol. Chem. 73(1927): 627-650.
16. Dobereiner, J. " Forage Grasses and Grain Crops." Adv. Agro. 29(1977): 11.
17. Luria, S.E., Adams, J.W. and Ting, R.C. "Transduction of Lactose Utilizing Ability among Strains of Escherichia coli and Shigella dysenteriae and the Properties of the Transducing Phage Particles." Virology 12(1960): 348-390.

18. Lowry, O.H., Rosebrough, N.J., Farr, A.L. and Randall, R.J.
"Protein Measurement with the Folin Phenol Reagent."
J. Biol. Chem. 193(1951): 265-275.
19. Spiro, R. G. "Determination of Carbohydrate" in *Methods in Enzymology* (Nenfeld, E.E. and Ginsburg, V. eds.) vol. 8 pp 4-5. Academic Press Inc., Publishers, N.Y., 1966.
20. Porath, J. and Ersson, B. "Biospecific Methods for Purification and Characterization of Pneumococcal Polysaccharide Pns XIV." in *Proceeding of the Symposium on New Approaches for Inducing Natural Immunity to Pyrogenic Organisms* (Robbins, J. B., Horton, R.E. and Krause, R. M. eds.) pp. 101-108. Winter Park, Florida, 1973.
21. Gordon, A. A., Sharon, n. and Lis, H. "Binding of Soybean Agglutinin by Normal and Trypsin-Treated Red Blood Cells." Biochim. Biophys. Acta. 264(1972):387-391.
22. Kurokawa, T., Tsuda, M. and Sugino, Y. "Purification and Characterization of a Lectin from Wistaria floribunda." J. Biol. Chem. 251(1976): 5686-5693.
23. Davis, B. J. "Disc Electrophoresis-II Method and Application to Human Serum Proteins." Ann. N.Y. Acad. Sci. 121(1964): 404-427.
24. Weber, K. and Osborn, M. "The Reliability of Molecular Weight Determinations by Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis." J. Biol. Chem. 244(1969): 4406-4412.

25. Tsuda, M. "Purification and Characterization of Lectin from Rice Bran." J. Biochem. 86(1979): 1451-1461.
26. Japan Chemical Week. "Studies on the Nitrogen Fixing Rice; Progress Being Made in Developing Crops of Nitrogen Self-Supply." Jan. 13, 1983.
27. Bauer W.D. "Lectins as Determinants of Specificity in Legume-Rhizobium Symbiosis." Basic Life Sci. 9(1977): 283-297.
28. Jitrakornwunkul, W. "Rice Root Lectin." Senior Project Report, Department of Biochemistry, Faculty of Science, Chulalongkorn University, 1983.

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



BIOGRAPHY

Mr. Chukiat Kortanakul was born on 24th January, 1956 and graduated with a B. Sc. in Chemistry from Ramkhamhaeng University in 1978.



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย