

References

- Auzin, I. (1968). A comparative assay to O-somatic antigen of *Salmonella*. *Aust. J. exp. Biol. me. Sci.*, 46: 93-105.
- Azurin, J.C., et al, (1967). A controlled field trial of the effectiveness of cholera and cholera El Tor vaccines in the Philippines. *Bull. WHO.*, 37: 703-727.
- Bales, C.L., and Lankford, C.E. (1961). An adherence factor of Vibrio cholerae. *Bact. Proc.* p. 118.
- Banwell, J.P. et al, (1970). Intestinal fluid and electrolyte transport in human cholera. *J. Clin. Invest.*, 49: 183-195.
- Barua, D., and Chatterjee, S.N. (1964). Electron microscopy of El Tor vibrios. *Indian J. Med. Res.*, 52: 828-829.
- Bellamy, J.E.C., et al, (1975). Antibody cross-linking as a factor in immunity to cholera in infant mice. *J. Infect. Dis.*, 132 (2): 181-188.
- Bhattacharya, P. and Mukerjee, S. (1968a). Production of antibody after live enteral cholera vaccination. *J. Infect. Dis.*, 118: 271-277.
- Bhattacharya, P. and Mukerjee, S. (1968b). Further studies on the development of a live oral cholera vaccine. *J. Hyg. Cambridge.*, 66: 307-318.

Boivin, A. and Mesrobeanu, L. (1937). Recherches sur les toxines des bacilles dysenteriques. Sur les principes toxiques du bacille de Flexner. C.R. Soc. Biol., 124: 1078-1081.

Burrows, W., et al, (1946). Studies on Asiatic cholera II. The O and H antigenic structure of the cholera and related vibrios. J. Infect. Dis., 79: 168-197.

Burrows, W., Elliott, M.E. and Havens. I. (1947). Studies on immunity to Asiatic cholera IV. The excretion of coproantibody in experimental enteric cholera in the guinea pig. J. Infect. Dis., 81: 261-281.

Burrows, W., and Havens. I. (1948). Study on immunity to Asiatic cholera V. The absorption of immune globulin from the bowel and its excretion in the urine and faeces of experimental animals and human volunteers. J. Infect. Dis., 82: 231-250.

Burrows, W. (1968). Cholera toxin: Ann. Rev. Microbiol., 22: 245-268.

Carpenter, C.C.J. (1971). Cholera enterotoxin-recent investigations yield into transport process. Amer. J. Med., 50: 1-7.

Chaicumpha, W., and Rowley, D. (1972). Experimental cholera in infant mice : Protective effects of antibody., J. Infect. Dis., 125 (5): 480-485.

Chaicumpa, W., and Rowley, D. (1973). Mechanisms of antibacterial immunity against Vibrio cholerae in the intestinal tracts of baby mice. *J. Infect. Dis.*, 128: 56-62.

Chaicumpa W. (1974). Study of intestinal immunity against Vibrio Cholerae. Ph.D. Thesis, the university of Adelaide, South Australia.

Chaicumpa, W., and Atthasishth, N (1977). Study of intestinal immunity against V. cholerae : Role of antibody in V. cholerae haemagglutinin in intestinal immunity. *Southeast Asian J. Trop. Med. Pub. Hlth.*, 8(1) : 13-18.

Chulasamaya, M., and Lankford, C.E. (1970). Relation of the small envelope and the adhesive property of cholera Vibrios. *Bact. Proc.* p. 90.

Craig, J.P. (1965). A permeability factor (toxin) found in cholera stools and cultures filtrates and its neutralization by convalescent cholera sera. *Nature, London*, 207: 614-616.

Craig, J.P. (1966). Preparation of the vascular permeability factor of V. cholerae. *J. Bacteriol.*, 92: 793-795.

Cruickshank, R. (1965). Medical Microbiology. Eleventh edition. p. 639.

Curlin, G.T., et al, (1970a). Antitoxic immunity in canine cholera. *J. Infect. Dis.*, 121: 463-470.

- Curlin, G.T., and Carpenter, C.C.J., Jr. (1970b). Antitoxic immunity to cholera in isolated perfused canine ileal segments. *J. Infect. Dis.*, 121 (Suppl.): S132-S136.
- Duguid, J.P., and Gillies, R.R. (1957). Fimbriae and adhesive property in dysentery bacilli. *J. Path. Bact.*, 74: 397-411.
- Evans, D.J., Jr., and Richardson S.H. (1968). In vitro production of cholera toxin and vascular permeability factor by Vibrio cholerae. *J. Bact.* 96: 126-130.
- Feeley, J.C. (1965). Passive protective activity of antisera in infant rabbits infected orally with Vibrio cholerae. *Proc. cholera Res. Symp.*, Honolulu (U.S. Govt. Printing off., Washington, D.C., p. 231-235.
- Feeley, J.C. and Roberts, C.O. (1969). Immunological responses of laboratory animals to cholera vaccines, toxin and toxoid. *Tex. Rep. Biol. Med.*, 27(Suppl): 211-226.
- Finkelstein, R.A., Morris, H.T. and Dutta, N.K. (1964). Pathogenesis of experimental cholera in infant rabbits. *J. Infect. Dis.*, 144: 203-216.
- Finkelstein, R.A. (1978). Vaccine for cholera and turista? *JAMA.*, 241 (13): 1330.
- Freestone, D.S. (1973). Simultaneous vaccination against cholera and yellow fever. *Lancet.*, 1: 774.

Friedman, H. (1978). Cholera vaccines. New Trends and Development in Vaccines. p. 223-235.

Gangarosa, E.J. (1971). The epidemiology of cholera : past and present. Bull. N.T. Acad. Med., 47: 1140-1151.

Gardman, A.D., and Venkatraman, K.V. (1953). The antigen of cholera group of Vibrios. J. Hyg. Cambridge, 35: 262-282.

Gotschlich, F. 1906. Über cholera and cholera-ahn/:che vibrionen unter den avs Mekka-zuruckhrenden Pilgern. J. Hyg. Infektionskr., 53: 281. Cited by Chaicumpa, 1974.

Gruber, M., and Durham, H.E. (1896). Eine nen Methode zur raschen Erkennung des Choleravibrio and des Typhusbacillus. Munch. Med. Wschr., 43: 285. Cited by Chaicumpa, 1974.

Hendrix, T.R. (1971). The pathophysiology of cholera. Bull. N.Y. Acad. Med., 47: 1169-1180.

Heremans, J.F. Heremans, M.T. and Schultze, H.E. (1959). Chin. Acta. 4: 96. Cited by Chaicumpa, 1974.

Holmgren, J., and Svennerholm, A.M. (1973). Enzyme-linked immunosorbant assays for cholera serology. Infec. Immun. 7: 759-763.

Holmgren, J., and Svennerholm, A.M. (1977). Mechanism of disease and immunity in cholera : A review. J. Infect. Dis., 136 (Supple) : S105-112.

Holmgren, J., Svennerholm, A.M. and Lonnorth. I. (1977).

Development of improved cholera vaccine based on sub-unit toxoid. *Nature.*, 269 (5629): 602-604.

Iwert, M.E., et al. (1967). Cholera toxicity : identification of type 2 by immunoelectrophoresis. *Bact. Proc.*, p. 87.

Jenkin, C.R., and Rowley, D. (1960). The importance of antibody in the prevention of experimental cholera in rabbits.  
*Brit. J. Exp. Path.*, 41: 24-80.

Jones, G.W., Abrams, G.D. and Freter, R. (1976). Adhesive properties of Vibrio cholerae : adhesion to isolated rabbit brush border membranes and haemagglutinating activity. *Infect. Immun.*, 14: 232-239.

Jones, G.W., and Freter, R. (1976). Adhesive properties of Vibrio cholerae : nature of the interaction with isolated rabbit brush border membranes and human erythrocytes. *Infect. Immun.*, 14: 240-245.

Kaur, J., Burrows, W. and Furlong, M.A. (1971). Immunity to cholera : Antibody response in the lower ileum of the rabbit. *J. Infect. Dis.*, 124: 359-366.

Kaur, J., McGhee, J.R. and Burrows, W. (1972). Immunity to cholera : The occurrence and nature of antibody-active immunoglobulins in the lower ileum of the rabbits.  
*J. Immunol.*, 108: 387-395.

- Koch, R. (1883a). Der Seitens des Geh. Reg. - Raths Dr. R. Koch  
au den Staatssecretar des Inneren, Herin Stasstsmister  
V. Boetticher Excellenz erstattete Bericht, Dt. Med.  
Wschr. 9: 615. Cited. by Chaicumpa, 1974.
- Koch, R. (1883b). Der Zweite Bericht der deutschen Cholera-  
Commission. Dt. Med. Wschr., 9: 743. Cited by  
Chaicumpa, 1974.
- Kraus, R. (1929). Cited by Pollitzer, R. (1959), p. 360.
- Lankford, C.E., and Legsomburana, V. (1965). Virulence factors  
of choleragenic Vibrios. Proc. Cholera Res. Symp.,  
Honolulu U.S. Govt. Printing Off., Washington, D.C.),  
p. 109-120.
- Leitch, G.J., and Burrows, W. (1968). Experimental cholera in  
the duodenum, ileum and colon. J. Infect. Dis, 111:  
349-359.
- Linton, R.W. (1932). Studies on the antigenic structure of  
Vibrio cholerae. Part 1. Serological reactions of a  
carbohydrate-like fraction. Indian, J. Med. Res.,  
20: 347-354.
- McClerry, J.C., Kraft, S.C. and Rothberg. R.M. (1970). Demonstra-  
tion of antibody in rabbit faeces after active or passive  
parenteral immunization. Digestion, 3: 213-221.

Mosley, W.H. (1970). Epidemiology of cholera. Principles and practice of cholera control. World Health Organization, Geneva, Switzerland, 40: 23-27.

Mosley, W.H., et al. (1969). Report of the 1966-1967 cholera vaccine field trial in rural East Pakistan 2. Results of the serological surveys in the study-population. The relationship of case rate to antibody titre and an estimate of the inapparent infection rate with Vibrio cholerae. Bull. WHO., 40: 187-197.

Mosley, W.H., et al. (1969). Report of the 1966-1967 cholera vaccine field trial in rural East Pakistan. I. Study design and results of the first year of observation. Bull. WHO., 40: 177-185.

Neoh, S.H., and Rowley, D. (1972). Protection of infant mice against cholera by antibodies to three antigens of Vibrio cholerae. J. Infect. Dis., 126: 41-47.

Nobechi, K. (1933). Les types immunologiques du vibrion cholérique au Japon. Bull. Off. Int. Hyg. publ., 25: 72. Cited by Chaicumpa, 1974.

Northrup, R.S., and Chisari, F.V. (1972). Response of monkeys to immunization with cholera toxoid, toxin and vaccine reversion of cholera toxoid. J. Infect. Dis., 125: 471-479.

Northrup, R.S., and Fauci, A.S. (1972). Adjuvant effect of cholera enterotoxin on the immune responses of the mouse to the sheep red blood cells. *J. Infect. Dis.*, 125: 672-673.

Peterson, T.W., Lospalluto, J.J. and Finkelstein, R.A. (1972). Localization of cholera toxin in vivo. *J. Infect. Dis.*, 126: 617-628.

Pfeiffer, R. 1894. Weitere Untersuchungen über das Wesen der Choleraimmunität und über spezifisch baktericide Prozesse. *Ztschr. Hyg. Infektkr.*, 18: 1-16.

Pfeiffer, R. (1895). Die differentialdiagnose der vibrionen der cholera asiatica mit hulfe der immunisierung. *Ztschr. Hyg. Infektkr.*, 19: 75-100.

Phillips, R.A. (1966). Cholera in the perspective of 1966. *Ann. Intern. Med.*, 65: 922-930.

Pierce, W.F., and Gowans, J.L. (1975). Cellular kinetics of the intestinal immune response to cholera toxoid in rats *J. Exp. Med.*, 142: 1550-1563.

Pollitzer, R. (1959). Cholera monograph series, No. 43 World Health Organization, Generva.

Punsalang, A.P., and Sawyer, W.D., (1973). Role of pili in the virulence of *Neisseria gonorrhoeae*. *Infect. Immun.*, 8: 255-263.

- Reed, L.J., and Muench, H. (1938). A simple method of estimating fifty percent end points. Amer. J. Hyg., 27: 493-497.
- Richards, K.L., and Druglas, S.D. (1978). Pathophysiological Effects of Vibrio cholerae and enterotoxigenic Escherichia coli and their exotoxin on eucaryotic cells. Microbiol. Rev., 42 (3): 592-613.
- Sack, R. B., et al. (1966). Experimental cholera : A canine model. Lancet, 2: 206-207.
- Sack, R.B., et al. (1966). Vibriocidal and agglutinating antibody patterns in cholera patients. J. Infect. Dis., 166: 630-640.
- Sakazaki, R., et al. (1970). Serological studies on the cholera group of Vibrios. Jap. J. Med. Sci. Biol., 23: 13-20.
- Samrejrongroj, P. (1978). Role of Vibrio cholera El Tor hemolysin and its antibody in intestinal immunity. M.Sc. thesis, Mahidol University, Thailand.
- Savanat, T., and Chaicumpa, W. (1975). Mechanisms of immunity to cholera. J. Med. Ass. Thailand., 58 (2): 59-62.
- Sommer, A., and Mosley, W.H. (1973). Ineffectiveness of cholera vaccination as an epidemic control measure. Lancet., 1: 1232-1235.
- Spyrids, G.T., and Feeley, J.C. (1970). Concentration and purification of cholera exotoxin by adsorption on aluminium compound gels. J. Infect. Dis., 121 (Suppl): S96-S99.

Steele, E.J., Chaicumpa, W. and Rowley, D. (1974). Isolation and biological properties of three classes of rabbit antibody to Vibrio cholerae. J. Infect. Dis., 130: 93.

Tweedy, J.M., Park, R.W.A. and Hodgkiss, W. (1968). Evidence for the presence of fimbriae (pili) on Vibrio cholerae. J. Gen. Microbiol. 51: 235-244.

Van Heyningen, S. (1976). The subunits of cholera toxin structure, stoichiometry, and function. J. Infect. Dis., 133 (Suppl.) : S5-13.

Watanabe, Y., and Verwey, E.F. (1966). The biological characterization of the hemolysin from the El Tor variety of Vibrio cholerae. J. Infect. Dis., 116: 363-371.

Watanabe Y., and Verwey, W.F. (1967). Antigenic relationships between Ogawa and Inaba antigens. Proc. Symp. Cholera, V.S.-Jap. Co-operative Med. Sci. Program. N.I.H., Bethesda, Maryland, p. 21-22.

Westphal, O., Luderitz, O. and Bister, F. (1952). Uber die extraktion von bakterien mit phenol/Wasser. Z. Naturforsch, 78: 148-155.

White, P.B. (1934). Note on the B antigen of V. cholerae. J. Path. Bact., 39: 529-530.

White, P.B. (1940b). Cited by Pollitzer, R. (1959). p. 370-371.

Zinnaka, V.S., Shinodori, and Takeya, K. (1964). Haemagglutinating activity of *Vibrio comma*. Japan. J. Microbiol.  
8: 97-103.

ประวัติการศึกษา

นางสาวจินดา พัชรประภิชี สําร夹การศึกษาวิทยาศาสตร์บัณฑิต  
 (เทคนิคการแพทย์) จากคณะเทคนิคการแพทย์ มหาวิทยาลัยมหิดล ในปีการศึกษา  
 ๒๕๙๙ ต่อมาศึกษาต่อปัจจุบันวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย ภาควิชาจุลชีววิทยา  
 ในปีการศึกษา ๒๕๖๐ และสําร夹การศึกษาปริญญาโทสาขาวิชาสหเวชศาสตร์มหาบัณฑิต (จุลชีววิทยา)  
 ในปีการศึกษา ๒๕๖๒

ปัจจุบันรับราชการในตำแหน่งนักวิทยาศาสตร์ ๗ ภาควิชาจุลชีววิทยา และ  
 ขึ้นมาในโลหี คณะเวชศาสตร์เขตธน มหาวิทยาลัยมหิดล

