carrier rate of HIB and other encapsulated organisms including pneumococci, meningococci, and E. coli, since it is sensitive, highly specific, and allows rapid testing of many specimens. The results of our HIB pharyngeal carrier study also demonstrate the potential of this medium for semiquantitative studies. Other applications include studies of the role of HIB in such conditions as pneumonia, sinusitis, conjunctivitis, and orbital cellulitis of childhood.

#### SUMMARY

An antiserum agar medium was found to provide a rapid, sensitive, and highly specific method for pharyngeal culture and quantitation of HIB.

### REFERENCES AND NOTES

- 1. Avery, O. T.: A selective medium for B. influenzae: Oleate hemoglobin agar. J. Amer. Med. Ass., 71: 2050 (1918).
- 2. Bradshaw, M. W., Parke, J. C., Jr., Schneerson, R., and Robbins, J. B.: Bacterial antigens cross-reactive with the capsular polysaccharide of Haemophilus influenzae type b. Lancet, i: 1095 (1971).
- 3. Controni, G., Khan, W., Patrick, J., and Ross, S.: New techniques for the isolation and rapid identification of H. influenzae. Amer. J. Clin. Pathol., 49: 744 (1968).
- 4. Dawson, B., and Zinneman, K.: Incidence and type distribution of capsulated H. infleunzae strains. Brit. Med. J., i: 740 (1952).
- 5. Fildes, P.: A new medium for the growth of B. infleunzae. Brit. J. Exp. Pathol., 1: 129 (1920).
- 6. Fleming, A.: On some simple prepared culture media for B. influenzae. Lancet, i: 138 (1919).
- 7. Levinthal, W.: Bakteriologische und serologische influenza studien. Z. Hyg. Infektionskr., 86: 1 (1918).
- 8. Masters, P. L., Brumfitt, W., Mendez, R. L., and Likar, M.: Bacterial flora of

- the upper respiratory tract in Paddington families, 1952-54, Brit, Med. J., 1: 1200 (1958).
- 9. Moxon, E. R., Smith, A. L., Averill, D. R., and Smith, D. H.: Haemophilus influenzae meningitis in infant rats after intranasal inoculation, J. Infect. Dis., 129: 154 (1974).
- 10. Ouchterlony, O.: Antigen-antibody reactions in gels. Acta Pathol. Microbiol. Scand., 26: 507 (1949).
- 11. Petrie, G. F.: The specific precipitin reaction associated with the growth on agar plates of meningococcus, pneumococcus, and B. dysenteriae (Shiga). Brit. J. Exp. Pathol., 13: 380 (1932).
- 12. Pittman, M., Branham, S. E., and Sockrider, E. M.: A comparison of the precipitation reaction in immune serum agar plates with the protection of mice by anti-meningococcus serum. Pub. Health Rep., 53: 1400 (1938)
- 13. Schneerson, R., Bradshaw, M., Whisnant, J. K., Myerowitz, R. L., Parke, J. C., Jr., and Robbins, J. B.: An Escherichia coli antigen cross-reactive with capsular polysaccharide of Haemophilus influenzae type b: Occurrence among known serotypes, and immunochemical and biologic properties of E. coli antisera to H. influenzae type b. J. Immunol., 108: 1551 (1972).
- 14. Sell, S. H. W.: The clinical importance of Haemophilus influenzae infections in children. Pediat. Clin. North Amer., 17: 415 (1970).
- 15. Shibley, G. S., Hanger, F. M., and Dochez, A. R.: Studies on the common cold. I. Observations of the normal bacterial flora of nose and throat with variations occurring during colds. J. Exp. Med., 43: 415 (1926).
- 16. Turk, D. C., and May, J. R. (Editors): Haemophilus influenzae: Its Clinical Importance (The English Universities Press, Ltd., London, 1967).
- 17. Sigma Chemical Co., St. Louis, Mo.
- 18. The Upjohn Co., Kalamazoo, Mich.
- 19. Difco Laboratories, Detroit, Mich.
- 20. Marine Colloids Corp., Rockland, Me. 21. Ivan Sorvall Inc., Newtown, Conn.
- 22. Hyland Labs, Costa Mesa, Calif.
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# Letter to the Editor

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The report by Dr. Cox et al. (1) of chromosomal mosaicism in amniotic fluid cell cultures prompts us to report our experience with similar specimens.

In a series of 350 cultures of amniotic fluid cells, 5 showed the presence of cells with abnormal chromosome complements. Four of these demonstrated trisomy 2, the fifth involved a possible isochromosome D. In each case the abnormal cells were restricted to a single colony.

We agree with the necessity of establishing the karyotype by analyzing cells from discrete colonies in preparations processed in situ. This procedure will also make possible the identification of maternal cells which might contaminate the culture.

## REFERENCE

1. Cox, D. M., Niewczas-Late, V., Riffell, M. I., and Hamerton, J. L.: Chromosomal mosaicism in diagnostic amniotic fluid cell cultures. Pediat. Res., 8: 679 (1974).

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### Corrigendum

Responsivity of Pituitary Gonadotropes to Luteinizing Hormone-releasing Factor in Idiopathic Precocious Puberty, Precocious Thelarche, Precocious Adrenarche, and in Patients Treated with Medroxyprogesterone Acetate

By E. O. Reiter et al.

Pediatric Research, Vol. 9, No. 2

p. 114——In Table 4, for steroid levels in adrenarche, the values 19, 56, and  $\leq$ 15, which appear under  $E_1$ , should have appeared under  $E_1$ , and  $\leq$ 100, which appeared under  $E_2$ , should have appeared under 17-OHP.

p. 115 - In Table 5, values for female patients in the last column are measures of estradiol levels in ng/ml rather than of testosterone in ng/dl.