A. M. El-Tawil

High incidence of Crohn's disease in pre-menopausal women: *Escherichia coli* may be contributing

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Unfortunately, due to a technical mistake, the list of references is missing in the printed version of the Letter. The list of references is given here:

References

1. Draser BS, Hill MJ (1974) Human intestinal flora. Academic Press, London
2. Edelman R, Levine MM (1983) From the National Institute of Allergy and Infectious Diseases, summary of a workshop on enteropathogenic *Escherichia Coli*. J Infect Dis 147:1108–1118
3. Levine MM, Xu JG, Kaper JB, Lior H, Prado V, Tall B, Nataro J, Karch H, Wachsmuth K (1987) A DNA probe to identify enterohaemorrhagic *Escherichia Coli* J 0157:H7 and other serotypes that cause hemorrhagic colitis and hemolytic uremic syndrome. J Infect Dis 156:175–182
4. Shafii A, Sopher S, Lev M, Das KM (1981) An antibody against revertant forms of cell-wall deficient bacterial variant in sera from patients with Crohn's disease. Lancet 15:332–334
5. Giaffer MH, Holdsworth CD, Duerden BI (1991) The assessment of faecal flora in patients with inflammatory bowel disease by a simplified bacteriological technique. J Med Microbiol 35:238–243
6. Van der Weil-Korstanje JA, Winkler KC (1975) The fecal flora in ulcerative colitis. J Med Microbiol 8:491–501
7. Cooke EM, Ewins SP (1975) Properties of strains of *Escherichia coli* from a variety of sources. J Med Microbiol 8:107–111
8. Dickinson RJ, Varian SA, Axon AT, Cooke EM (1980) Increased incidence of fecal coliforms with in vitro adhesive and invasive properties in patients with ulcerative colitis. Gut 21:787–792
9. Burke DA, Axon AT (1987) HeLa cell and buccal epithelial cell adhesion assays for detecting intestinal *Escherichia coli* with adhesive properties in ulcerative colitis. J Clin Pathol 40:1402–1404
10. Burke DA, Axon AT (1988) Adhesive *Escherichia coli* in inflammatory bowel disease and infective diarrhea. BMJ 297:102–104
11. Schultsz C, Moussa M, Van Ketel R, Tytgat GN, Dankert J (1997) Frequency of pathogenic and enteroadherent *Escherichia coli* in patients with inflammatory bowel diseases and control. J Clin Pathol 50:573–579
12. Sobel JD, Muller G (1984) Pathogenesis of bacteriuria in elderly women: the role of *Escherichia coli* adherence to vaginal epithelial cells. J Gerontol 39:682–685
13. Forslin L, Danielsson D, Falk V (1980) Adherence in vitro of *Neisseria gonorrhoea*, *Escherichia coli* and group B streptococci to vaginal epithelial cells of post-menopausal women. Gynaecol Obstet Invest 11:341–349
14. Botta GA, Pedulla D, Meilioli G, Madoff S, Minuto F (1981) Absence of fluctuation in vaginal colonization by Enterobacteriaceae during the menstrual cycle in patients with recurrent cystitis. Lancet 2:1116–1117
15. Chan RC, Bruce AW, Reid G (1984) Adherence of cervical, vaginal and distal urethral normal microbial flora to human uroepithelial cells and the inhibition of adherence of gram negative uroepithelial by competitive exclusion. J Urol 131:596–601

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A. M. El-Tawil (✉)
Department of Gastroenterology,
City Hospital,
Birmingham, UK
e-mail: atawil2003@hotmail.com
Tel.: +44-7950-224865
Fax: +44-121-4466220

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16. Reid G, Brooks HJ, Bacon DF (1983) In vitro attachment of *Escherichia coli* to human uroepithelial cells: variation in receptivity during the menstrual cycle and pregnancy. *J Infect Dis* 148:412–421
 17. Sobel JD, Schneider J, Kaye D, Levison ME (1981) Adherence of bacteria to vaginal epithelial cells at various times in the menstrual cycle. *Infect Immune* 32:194–197
 18. Chow AW, Percival-Smith R, Bartlett KH, Goldring AM, Morrison BJ (1986) Vaginal colonization with *Escherichia coli* in healthy women. Determination of relative risks by quantitative culture and multivariate statistical analysis. *Am J Obstet Gynaecol* 154:120–126
 19. Sobel JD, Kaye D (1986) Enhancement of *Escherichia coli* adherence to epithelial cells derived from estrogen stimulated rats. *Infect Immune* 53:53–56
 20. Keighley MRB, Williams SN (1993) *Surgery of the anus, rectum and colon*. Saunders, pp 1278–1393