在某些促进凝集的其它成分,这可用正常尿加入诊断液后有时也出现少量凝集颗粒的现象解释。③模拟试验用的EDTA抗原,不能完全代表实际尿中抗原的情况。

Detection of Legionella Antigens in Urine by Biotin-Avidin Enzyme-Linked Immunosorbent Assay and Coagglutination Test Mao Hua, et al., Institute of Epidemiology and Microbiology, Chinese Academy of Preventive, Beijing

This article reported a Biotin-Avidin Enzyme-Linked Immunosorbent Assay (BA-ELISA) and a Coagglutination test (CoA) to detect Legionella-Soluble antigens in urine specimens of 38 artificially infected guinea pigs and 63 patients. The BA-ELISA was found to be able to detect as little as 0.1 ng protein/ml, and the CoA was 60 ng protein/ml.

The urine specimens of 7 patients with Legionnaires' Disease diagnosed by indirect fluorescent assay (IFA) were found to have positive result in both tests. No false positive result was found in BA-ELISA in patients suffering from pneumonia other than Legionellosis as well as 'healthy' persons. 2 patients and 2 'healthy' individuals, however, revealed false positive in CoA test.

Key Words BA-ELISA CoA Legionnaires'
Disease Bacterium

参考文献

1. Boonmee Sathapayavonge, et al. Rapid diag-

- nosis of Legionella disease by urinary antigen detection, comparion of ELISA and RIA. Am J Med 1982; 72:576.
- 2. Tang PW and Toma S. Broad-spectrum ELI SA for detection of Legionella soluble antigens. J Clin Microbiol 1986; 24 (4):556.
- 3. Wreghitt TG, et al. An ELISA test for the detection of antibodies to Legionella pneumophila. J Clin Pathol 1982, 35:657.
- 4. Kendall C, et al. Utilization of the biotin/ avidin system to amplify the sensitivity of the enzyme-linked immunosorbent assay (EL ISA). J Immun Meth 1983; 56:329.
- 5. 龚志术, 等. SpA协同凝集试验快速 检测副霍乱 弧 菌可溶性抗原的研究. 全国第一届非放射标记会议资料. 1984.
- 6. Pekka Vilja, et al. A rapid and sensitive non-competitive avidinbiotin assay for lactoferrin. J Immun Meth 1985; 76(1):73.
- 7. Kohler RB, et al. Onset and duration of urinary antigen excretion in Legionnaires' disease. J Clin Microbiol 1984; 20 (4): 605.
- 8. Kohler RB, et al. Rapid radioimmunoassay diagnosis of Legionnaires' disease. Ann Rev Respira Dis 1980; 121:317.
- 9. Edelstein PH, et al. Laboratory diagnosis of Legionnaires' disease. 1980; 121: 317.
- 10. Kohler RB, et al. Cross-reacting bacterial antigens in a radiometric assay for urinary Legionella pneumophila antigen. In: C. Thronsberry eds. Legionella-Proceeding of the 2nd International Symposium. Washington, D.C. American Society for Microbiology, 1984: 40-42.

程。他们的现在形成10倍。着人2倍。有人3

本刊1988年首次编委常委扩大会议在京召开

本刊1988年首次编委常委扩大会议,于元月19日在京召开。会议由总编辑何观清教授主持。参加会议的有副总编辑蒋豫图、耿贯一、刘汉明教授及编委常委魏承毓、于潜、郑锡文、张孔来和编辑室的张宝安、金蕴生同志。在京编委范明远、曹家琪同志列席了会议。

会上首先由编辑部同志汇报了一年来的工作情况,嗣后讨论了办刊的有关事宜:

- 1.本刊每年收稿量较大,刊用的较少,稿件刊出周期较长,因此要严格控制每篇文稿的字数,一般论著应限制在3500字内,综述、讲座不超过5000字;
- 2.为不断提高本刊的质量水平,要有计划地组织一些高水平的文稿,特别是综述、讲座之类的文章。会上,一些常委主动承担了撰写综述的任务,其中包括腹泻病、艾滋病等方面研究的最新情况,并预定从下半年开始连续刊登;
- 3.为加速文稿周转,可把一些同类文章汇集起来,以"来稿摘登"形式刊出,所选用的文稿享有与其它文稿同等待遇,即仍属公开发表。

最后,与会者集体审阅了今年第三、四两期的每篇文稿,并提出了具体的修改意见。会议决定,下次编委常委会议将于6月中旬在京召开。