

## Literature

1. Doerr, H. W.: Möglichkeiten der virologischen Labordiagnostik bei ZNS-Infektionen. *Immun. Infekt.* 14 (1986) 131–134.
2. Skvaril, F., Probst, M., Audran, R., Steinbeck, M.: Distribution of IgG subclasses in commercial and some experimental gamma-globulin preparations. *Vox Sang.* 32 (1985) 335–338.
3. Rübsamen-Waigmann, H., Becker, W. B., Helm, E. B., Brodt, R., Fischer, H., Henco, K., Brede, H. D.: Isolation of variants of lymphocytopathic retroviruses from the peripheral blood and cerebrospinal fluid of patients with ARC or AIDS. *J. Med. Virol.* 19 (1986) 335–344.
4. Doerr, H. W., Braun, R., Munk, K.: Human cytomegalovirus infection: Recent developments in diagnosis and epidemiology. *Klin. Wochenschr.* 63 (1985) 241–251.
5. Sundqvist, V.-A., Linde, A., Kurth, R., Werner, A., Helm, E. B., Popovic, M., Gallo, R. C., Wahren, B.: Restricted IgG subclass responses to HTLV-III/LAV and to cytomegalovirus in patients with AIDS and lymphadenopathy syndrome. *J. Infect. Dis.* 153 (1986) 970–973.
6. Parry, J. V., Mortimer, P. P.: Place of IgM antibody testing in HIV serology. *Lancet* II (1986) 979–980.
7. Sundqvist, V.-A., Linde, A., Wahren, B.: Virus-specific immunoglobulin G subclasses in herpes simplex and varicella-zoster virus infections. *J. Clin. Microbiol.* 20 (1984) 94–98.
8. Coleman, R. M., Nahmias, A. J., Williams, S. C., Phillips, D. J., Black, C. M., Reimers, C. B.: IgG subclass antibodies to herpes simplex virus. *J. Infect. Dis.* 151 (1985) 929–936.
9. Doerr, H. W., Rentschler, M., Schleiffler, G.: Serologic detection of active infections with human herpes viruses (CMV, EBV, HSV, VZV): Diagnostic potential of IgA class- and IgG subclass-specific antibodies. *Infection* 15 (1986) 93–98.
10. Hayward, A., Herberger, M., Corey, L.: IgG subclass of anti-HSV antibodies following neonatal HSV infections. *Eur. J. Pediatr.* 145 (1986) 250–251.
11. Weber, J. N., Clapham, P. R., Weiss, R. A., Parker, D., Roberts, C., Duncan, J., Weller, I., Carne, C., Tedder, R. S., Pinching, A. J., Cheingsong-Popov, R.: Human immunodeficiency virus infections in two cohorts of homosexual men: neutralising sera and association of anti-gag antibody with prognosis. *Lancet* I (1987) 119–122.
12. Ackermann, R., Nekic, M., Jürgens, R.: Locally synthesized antibodies in cerebrospinal fluid of patients with AIDS. *J. Neurol.* 233 (1986) 140–141.
13. Goudsmit, J., Wolters, E. C., Bakker, M., Smit, L., van der Noordaa, J., Hische, E. A. H., Tutuarima, J. A., van der Helm, H. J.: Intrathecal synthesis of antibodies to HTLV-III in patients without AIDS or AIDS related complex. *Br. Med. J.* 292 (1986) 1231–1234.

## Book Reviews

J. Drews

### Immunopharmakologie

Springer-Verlag, Berlin, Heidelberg, New York, Tokyo 1986

234 pages, 55 figures, 10 tables

Price: 78,- DM

The reviewed monograph tries to give a comprehensive overview of the relatively young science of immunopharmacology for non-specialists in this field. After an introductory chapter on the cellular and humoral immune system, the author describes in four chapters the different groups of substances which influence the human immune system. The first of these chapters deals with polyclonal and monoclonal antibodies. The nature of the various immunoglobulin preparations is discussed as well as their application in animal experiments and in clinical situations. In the second chapter different groups of substances, which are able to suppress various immune mechanisms, are described. This includes their chemistry, *in vitro* activity on various humoral or cellular immune mechanisms and their clinical relevance. Substances with anti-allergic properties are discussed in a separate chapter. First, the different types of acute allergic reactions are discussed followed by a description of anti-allergic substances. One chapter is dedicated to immunostimulation. This chapter is divided into three parts dealing with substances of human origin, microbial origin and of synthetic nature. Their possible application in the (adjuvant) therapy of malignancies and infectious diseases is critically discussed. In the last chapter the author discusses the current relevance of and the perspectives in clinical immunopharmacology. A well selected reference section, including recent papers, is given as an appendix. All in all, the monograph by Jürgen Drews is a comprehensive but valuable German introduction to the field of immunopharmacology.

G. Peters  
Hygiene-Institut  
Köln

T. Bergan (ed.):

### Methods in Microbiology, Vol. 15

375 pages, numerous figures

Academic Press London 1984

Price: \$ 54,-

This volume continues the classification of Enterobacteriaceae started in volume 14, again with special emphasis on the serological characterization. The first chapter presents an extensive overview of *Salmonella* serotyping followed by a description of the typing of *Citrobacter* and *Serratia marcescens*, both species closely related to *Salmonella*. Two chapters deal with bio- and serotyping of *Edwardsiella tarda* and *Erwinia*, bacteria rarely occurring in clinical diagnostic specimens. The last part of the book deals with the characterization of *Yersinia* describing the taxonomic biochemistry of all species, but the detailed serotyping of *Yersinia enterocolitica* only. An appendix-like chapter is dedicated to the fatty acid composition of gram-negative bacilli and its possible role in the classification of these bacteria. All chapters have been written by experts in each respective field. It is possible to find very detailed information about both methodology and interpretation of serotyping of Enterobacteriaceae species in a comprehensive context. Thus, both volumes (14 and 15) are of great value for the clinical and scientific microbiology laboratory. I should mention however, that I regretted that more information was not included on the relevance of some of the enterobacterial species discussed.

G. Peters  
Institute of Hygiene  
University of Cologne