

REFERENCES

- **Alexander, J.J. (1968):**
Separation of protein synthesis in meningopneumonitis agent from that in L cells by differential susceptibility to Cycloheximide.
J. Bacteriol., 95:327-332.

- **Allan, J.; Hatch, T.P. and Pearce, J.H. (1985):**
Influence of cysteine deprivation and chlamydial differentiation from reproductive to infective life cycle.
J. Gen. Microbiol., 131:3171.

- **Aly, A.A.; El-Akhras, A.E.; El-Daly, O.M.; El-Adl, M.M. and Moustafa, A. (1984):**
Chronic prostatitis: clinicomicrobial assessment.
Zag. Univ. Med. J., 4:101.

- **Amortegui, A.J.; Neyer, M.P. and Gnatuk, (1986):**
Prevalence of *C.trachomatis* and other microorganisms in women seeking abortion in Pittsburgh, Pennsylvania, U.S.A.

- **Anderson, R.U. (1988):**
Treating prostatitis problem.
Medical Times, 6:5.

- **Anderson, R.U. and Fair, W.R. (1976):**
Physical and chemical determination of prostatic secretion in prostatitis.
Invest. Urol., 14:137.
- **Anderson, R.V. and Waller, C. (1979):**
Prostatic secretion leucocytes studies in non bacterial prostatitis (prostatosis).
J. Urol., 121:292. Ann. N.Y. Acad. Sci., 174:786.
- **Andre, D.; Sepetjian, M.; Mikaelian, S. and Fouillet, C.(1978):**
Role des mycoplasma dans la sterilité.
J. Gynecol. Obstet. Biol. Reprod., 7:51.
- **Arumaniayagam, J.T.; Matthews, R.S.; Uthayakumer, S. and Clay, J.C. (1990):**
Evaluation of a novel solid-phase immunoassay, clearview chlamydia, for the rapid detection of *C.trachomatis*.
J. Clin. Microbiol., 28(12):2813.
- **Arya, O.R.; Osoba, A.O. and Bennett, E.D. (Eds.) (1980):**
Non specific inflammatory diseases. In: Tropical Venerology. Chapter 7, pp. 146, Churchill Livingstone London, New York.
- **Auroux, M. (1988):**
Urogenital infection and male fertility.
J. Gynaec. Obst. Biol. Reprod., 17(7):869-75.

- **Barbour, A.G.; Amano, K.T. and Hackstadt, T. (1982):**
C.trachomatis has Penicillin-binding proteins but not detectable muramic acid.
J. Bacteriol., 151:420-428.

- **Barnes, R.C. (1989):**
Laboratory diagnosis of human chlamydial infections.
Clin. Microbiol. Rev., 2(2):119-136.

- **Batra, H.V.; Chand, P.; Ganju, L.; Mukherjee, R. and Sadana, J.R. (1989):**
Dot-enzyme linked immunosorbent assay for the detection of antibodies in bovine brucellosis.
Research in Veterinary Science, 46, 143-146.

- **Beem, M.O. and Saxon, E.M. (1977):**
Respiratory-tract colonization and a distinctive pneumonia syndrome in infants infected with *C.trachomatis*.
N. Engl. J. Med., 296:306-310.

- **Benes, S. and McCormack, W.M. (1982):**
Comparison of methods for cultivation and isolation of *C.trachomatis*.
J. Clin. Microbiol., 16:847-850.

- **Berger, R.E.; Alexander, E.R.; Monda, E.D.; Ansel, J.; McCormack, G. and Holmes, K. (1978):**
C. trachomatis as a cause of acute idiopathic epididymitis.
N. Eng. J. Med., 298:301.

- **Berger, R.E.; Krieger, J.N.; Kessler, D.; Ireton, R.C. and Close, C. (1989):**
Case control study of men with suspected chronic idiopathic prostatitis.
J. Urol., 141:328.
- **Bhatt, R.; Gogate, A. and Deodhar, L. (1989):**
Mycoplasma infection in genital tract with special reference to immunofluorescence.
J. Postgrad. Med., 35(1):40-2.
- **Bietti, G.B.; Johnson, J.E. and Farshy, C.E. (1991):**
Antigenic variation among strains of *C.pneumoniae*.
J. Clin. Microbiology 29(7):1312-1316.
- **Blacklock, N.J. (1975):**
Relation of prostatitis to urinary tract infection. In: Cases, E.H. and Brumfitt, W. (Eds.): Infections of the urinary tract. pp. 205, Chicago University press, Chicago.
- **Blacklock, N.J. (1981a):**
Prostatitis. In: Hendry W.F. (Ed.): "Recent advances. Urol. Androl." Chapter 3, pp. 185, Churchill Livingstone, Edinburgh.
- **Blacklock, N.J. (1981b):**
Surgical anatomy of prostate. In: Chisholm G.D. and Williams D.I. (Eds.): "Scientific Foundation of Urology". pp. 113 Heinemann, London.

- Blacklock, N.J. (1983):

Prostatitis: Modern trends in management. In: Francois, B. and Perrin, P. (Eds.): "Urinary Infection" Chapter 7, pp. 85, Butterworths, London.

- Blenk, H. and Hofstetter, A. (1991):

Complement C₃, ceruloplasmin and PMN-elastase in the ejaculate in chronic prostatitis and their diagnostic value.
Inf., 19 Suppl. 3:133-40.

- Bovarnick, M.R.; Miller, J.C. and Snyder, J.C. (1950):

The influence of certain salts, amino acids, sugars, and proteins on the stability of rickettsiae.
J. Bacteriol., 59:509-522.

- Bowie, W.R. (1984):

Non-gonococcal urethritis.
Urologic clinics of North America. Vol. 11, No. 1, February.

- Bowie, W.R.; Wang, S.P. and Alexander, E.R. (1977):

Aetiology of nongonococcal urethritis; evidence for *C.trachomatis* and *U.urealyticum*.
J. Clin. Invest., 59:735-742.

- Bowei, W.R. and Holmes, K.K. (1990):

C.trachomatis in "Principles and practice of infectious diseases" edited by Mandell, G.L. et al., 3rd edition by Churchill Livingstone, New York, Edinburgh, London, Melbourne, Chap. 157, 158, pp. 1424-1439.

- Brad, J.A. and Levitt, D. (1984):

C.trachomatis stimulates human peripheral blood B lymphocytes to proliferate and secrete polyclonal immunoglobulins in vitro.
Infect. Immun., 43:84-92.

- Braude, A.L. (1981):

Urinary tract infections.
Am. J. Med., 70:463.

- Braun, P.; Lee, Y.H. and Klein, J.O. (1971):

Birth weight and genital mycoplasmas in pregnancy.
N. Eng. J. Med., 284:167-71.

- Braun, P.; Sherman, H. and Komaraoff, A.L. (1982):

Urethritis in men: Benefits, risks, and costs of alternative strategies of management.
Sex. Transm. Dis., 9:188.

- Brown, M.B.; Cassel, G.H.; McCormack, W.M. and Davis, J.K. (1987):

Measurement of antibody to *M.hominis* by an ELISA and detection of class specific antibody responses in women with postpartum fever.
Am. J. Obs. Gynaec., 156:701-708.

- **Brunham, R.C.; Martin, D.H. and Kuo, C.C. (1981):**
Cellular immune response during uncomplicated genital infection with *C.trachomatis* in humans.
Infect. Immun., 34:98-104.
- **Brunham, R.C.; Kuo, C.C. and Stevens, C.E. (1982):**
Therapy of cervical chlamydial infection.
Ann. Inter. Med., 97:216-9.
- **Brunham, R.C.; Peeling, R. and MacLean, I. (1987):**
Postabortal *C.trachomatis* salpingitis: Corelating risk with antigen-specific serologic responses with neutralization.
J. Infect. Dis., 155:749-55.
- **Brunham, R.C.; Paavonen, J.; Stevens, C.E.; Kiviat, N.; Kuo, C.C.; Critchlow, C.W. and Holmes, K.K. (1984):**
Mucopurulent cervicitis the ignored counterpart in women of urethritis in men.
N. Engl. J. Med., 311:1-6.
- **Brunner, H. (1988):**
Mycoplasma-Infektionen des menschen.
"Antibiotika Monitor". IV, 3:46.
- **Brunner, H. and Weidner, W. (1985):**
Acute and chronic prostatitis cited from: Robinson T., Martinus Nifhafh: Clinical problems in sexually transmitted diseases. Nederland, p. 37-60.

- **Brunner, H.; Weidner, W. and Schiefer, H.G. (1983a):**
Studies on the role of *U.urealyticum* and *M.hominis* in prostatitis.
J. Inf. Dis., 147(5):807-13.
- **Brunner, H.; Weidner, W. and Schiefer, H.G. (1983b):**
Quantitative studies on the role of *U.urealyticum* in non-gonococcal urethritis and chronic prostatitis.
Yale J. Biol. Med., 56(5-6):454-60.
- **Bush, I. (1965):**
Steroid therapy in non specific granulomatous prostatitis.
J. Urol., 92:303.
- **Byrne, G.I. and Moulder, J.W. (1978):**
Parasite-specified phagocytosis of *C.psittaci* and *C.trachomatis* by L. and Hela cells.
Infect. Immun., 19:598-606.
- **Byrne, G.I. and Faubian, C.L. (1982):**
Lymphokine-mediated microblastic mechanisms restrict *C.psittaci* growth in macrophages.
J. Immunol., 128:469.
- **Caldwell, H.D. and Kuo, C. (1977):**
Purification of a *C.trachomatis* specific antigen by immunoadsorption with monospecific antigen of Chlamydia species: Location of the epitope on chlamydial lipopolysaccharide.
Infect. Immun., 44:306-314.

- **Campbell, L.A.; Kuo, C.C. and Grayston, J.T. (1987):**
Characterization of the new chlamydia agent, TWAR, as a unique organism by restriction endonuclease analysis and DNA hybridization.
J. Clin. Microbiol., 25:1911-1916.

- **Carson, C.C.; McGraw, V.D. and Zwadyk, P. (1982)**
Bacterial prostatitis caused by *Staph. Saprophyticus*.
J. Urol., 110:576.

- **Cassel, G.H.; Watson, H.L.; Blacklock, D.K.; Horowitz, S.A. and Duffy, L.B. (1988):**
Protein antigens of genital mycoplasmas.
Rev. Inf. Dis., 10 Suppl. 2:391-8.

- **Cates, W. and Wasserheit, J.N. (1991):**
Genital chlamydial infections: Epidemiology and reproductive sequelae.
Am. J. Obstet. Gynaecol., 164:1771-81.

- **Centers for Disease Control (1985):**
C.trachomatis infections: policy guidelines for prevention and control.
Morbidity and Mortality, Weekly Rep. 34(Suppl.):53-73.

- **Centers for Disease Control (1987):**
Recommendations for prevention of HIV transmission health-care settings.
Morbidity and Mortality, Weekly Rep. 36(Suppl. 25):5S-12S.

- Centers for Disease Control (1988):

Update: universal precautions for prevention of transmission of human immunodeficiency virus, hepatitis B virus, and other bloodborne pathogens in health care settings.

Morbid. Mortal., Weekly Rep., 37:377-388.

- Centers for Disease Control (1989):

Sexually transmitted diseases treatment guidelines.

Morbid. Mortal. Weekly Rep., 38:1-43.

- Cerrone, M.C.; Jeffrey, J.M.A. and Stephens, R.S. (1991):

Cloning and sequence of the gene for heat shock protein 60 from *C.trachomatis* and immunological reactivity of the protein.

Infect. Immun., 59(1):79-90.

- Cevenini, R.; Rumpianesi, R.; Donati, M. and Sarvo, I. (1983):

A rapid immunoperoxidase assay for the detection of specific IgG antibodies to *C.trachomatis*.

J. Clin. Path., 353-356.

- Cham, R.C.Y.; Bruce, A.W. and 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 uropathogens by competitive exclusion.

J. Urol., 131:596.

- **Chernesky, M.A.; Mahony, J.B. and Castriciano, S. (1986):**
Detection of *C.trachomatis* antigens by ELISA and DIMF in genital specimens from symptomatic and asymptomatic men and women.
J. Infect. dis., 154:141-148.

- **Chernesky, M.A.; Castriciano, S. and Sellors, J. (1990):**
Detection of *C.trachomatis* antigens in urine as an alternative to swabs and cultures.
J. Infect. Dis., 161:124-126.

- **Childs, S.J. (1990):**
Ciprofloxacin in treatment of chronic bacterial prostatitis.
Urology, 15 (Suppl. 1):15.

- **Cintron, R.D.; Wortham, J.W.E. and Acosta, A. (1981):**
The association of semen factors with recovery of *U.urealyticum*.
Fert. Sterl., 36:648.
Ciprofloxacin in treatment of chronic bacterial prostatitis.
Urology, 15 (Suppl. 1):15.

- **Cles, L.D.; Bruch, K. and Stamm, W.E. (1988):**
Staining characteristic of six commercially available monoclonal immunofluorescence reagents for direct diagnosis of *C.trachomatis* infections.
J. Clin. Microbiol., 26:1735-1737.

- Clyde, W.A. (1964):

Mycoplasma species, identification based on growth inhibition of specific antisera.

J. Imm., 92:958-965.

- Clyde, W.A. (1983):

Growth inhibition test. In: Tully G.H. and Razin S. (eds.): "Methods in mycoplasmaology" Ch. 1, p. 405, Academic Press, New York.

- Cocks, B.G.; Brake, F.A.; Mitchell, A. and Finch, L.R. (1985):

Enzymes of intermediary carbohydrate metabolism in *U.urealyticum* and mycoides subsp. mycoides

J. Gen. Microbiol., 131:2129-2135.

- Colleen, S. and Mardh, P.A. (1975):

Studies on non acute prostatitis. In: Danielsson, D. (Ed.): "Genital infection and their complication" pp. 121, Almquist, Wiksell, Stockholm.

- Colleen, S. and Mardh, P.A. (1984):

Prostatitis. In: Holmes, K.K., Mardh, P.A., Sparling, P.F. and Wiesner, P.J. (Eds.): "Sex. Trans. Diseases". Chapter 58, pp. 663, McGraw-Hill Book Company, New York.

- Collier, L.H. (1984):

"Chlamydia" In: Principles of bacteriology, virology and immunity (Topley, W.W.C. and Wilson, G.) 7th edition by Parker, M.T. in 4 volumes, Edward. Arnold Vol. II, Chapter 45, pp. 510-525.

- **Coufalik, D.; Taylor-Robinson and Csonka, G.W. (1979):**
Treatment of non-gonococcal urethritis with Rifampicin as a means of defining the role of *U.urealyticum*.
Br. J., of Vener. Dis., 55:36-43.

- **Cruickshank, R.; Duguid, J.P.; Marmion, B.P. and Swain, R.H.A. (Eds.) (1975):**
Test for identification of bacteria. In "Clinical Microbiology", Volume II, Chapter 7, Churchill Livingstone, New York.

- **Cruickshank, R.; Duguid, J.P.; Marmion, B.P. and Swain, R.H.A. (1980):**
Mycoplasmas technical methods.
Ch. 43, p. 522-535 Cited from Medical Microbiology, Vol. II, Hong Kong.

- **Cui, Z.D.; Tristram, D. and La Scolea, L.J. (1991):**
Induction of antibody response to *C.trachomatis* in the genital tract by oral immunization.
Infect. Immn., 59(4):1465-1469.

- **Daniliton, S.L.; MacLean, I.W. and Peeling, R. (1990):**
The 75-KD protein of *C.trachomatis*: a member of the heat shock protein 70 family.
Infect. Immun., 58:189-196.

- **Darougar, S.; Treharne, J.D. and Minassian, D. (1978):**
Rapid serological test for diagnosis of Chlamydial ocular infection.
Br. J. Ophthalmol., 62:503-508.

- David I. Limb (1989):

Mycoplasmas of the human genital tract.

Med. Lab. SC 46:146-156.

- David, I.; Limb, P.F.; Wheat, .G.M.; Hastings, and Spencer, R.C. (1991):

Antimicrobial susceptibility testing of mycoplasmas by ATP bioluminescence.

J. Med. Microbiol., 35:89-92.

- Davies, S. and Eggington, R. (1991):

Recovery of *M.hominis* from blood culture media.

Med. Lab. Sci., 48:110-113.

- De Borges, R.J.; Carmona, O.; Machado, H. and Esparza, J. (1984):

Chlamydial infection in Papanicolaou-stained cervical smears.

Acta. Cytologica, 28(94):471-76.

- De Groen, P.C. and Vukov, L.F. (1987):

Sexual intercourse you, me and the microbe makes three.

JAMA, 258(13):1730.

- De La Maza, L.M. and Peterson, E.M. (1982):

Scanning electron microscopy of McCoy cells infected with *C.trachomatis*.

Exp. Mol. Pathol., 6:17-26.

- **De La Maza, L.M.; Goebel, J.M. and Czarniecki, C.W. (1984):**
Ultrastructural analysis of the growth cycle of *C.trachomatis* in mouse cells treated with recombinant human α -interferons.
Exp. Mol. Pathol., 41:227-235.
- **De-Jong, Z.; Pontonnier, F; Plante, P.; Perie, N.; Talazac, N.; Mansat, A. and Chabanon, G. (1990):**
Comparison of the incidence of *U.urealyticum* in infertile men and in donors of semen.
Euro. Urol., 18(2):127-31.
- **Desai, S.; Cohen, M.S.; Khatamee, M. and Leiter, E. (1980)**
U.urealyticum infection: Does it have a role in male infertility?
J. Urol., 124:469.
- **Dhir, S.P.; Hakomari, S.; Kenney, G.E. and Grayston, J.T. (1972):**
Immunochemical studies on chlamydia group antigen (presence of a 2-ketodeoxy carbohydrate as immunodominant group).
J. Immunol., 109:116-122.
- **Dienes, L. and Edsall, G. (1937):**
Observations on L-organisms of kienberger.
Proc. Soc. Exp. Biol. Med., 36:740.
- **Doble, A.; Thomes, B.J.; Furr, P.M.; Walker, M.M.; Harris, J.R.W., Witherow, R.O.N. and Robinson, D.T. (1989):**
A search for infectious agent in chronic bacterial prostatitis.
Br. J. Urol., 64:297-301.

- Drach, G.W. (1974):

Problems in diagnosis of bacterial prostatitis.
J. Urol., 3:630.

- Drach, G.W. (1975):

Prostatitis man's hidden infection.
Urol. Clin. N. Amer., 2:499.

- Drach, G.W. and Kohnen, P.W. (1976):

Evaluation of urologic diseases. In: Tannenbaum, M. (Ed.):
"UROLOGIC PATHOLOGY". pp. 157, Lea & Febiger, Philadelphia.

- Drach, G.W. and Nolan, P.E. (1986):

Chronic bacterial prostatitis.
Urol., 17(2):26.

- Drach, G.W.; Fair, W.R.; Meares, E.M. and Stamey, T.A. (1978):

Classification of benign diseases associated with prostatic pain:
prostatitis or prostatodynia?
Letter to editor. J. Urol., 120:266.

- Dujardin-Beaumertz, E. (1900):

Le Microbe de la peripneumonie et sa culture, (thesis). Cited from:
Gerald L., Mandell, R., Gordon Douglas, John E., Bennett.
Principles and practice of infectious diseases Ch. 161:1445, 3rd eds.,
Churchill Livingstone, 1989.

- Edward, D.G.ff. (1947):

J. Gen. Microbiol., 1, 238(1954). Ibid, 10, 27.

- Edward,D.G. and Fitzgerald, W.A. (1954):

Inhibition of growth of pleuro-pneumonia-like organisms by antibody.

J. Path. Bacteriol., 68:23-30.

- El-Ganaini, M.S. (1982):

Effect of candidiasis on chronic prostatitis.

M.Sc. Thesis (Dermatology and Venerology), Faculty of Medicine,
Zagazig University.

- Elford, W.J. (1929):

Ultrafiltration methods and their application in bacteriological and
pathological studies.

Br. J. Exp. Path., 10:126.

**- El-Mishad, A.M.; Mokhtar, S.; Abdel-Monsef, A.; Abdel-Hady, M. and Abu
Aitta, A.M. (1992):**

Occurrence of *U.urealyticum*, *M.hominis* and anaerobic bacteria in
urine of patients with U.T.I. and haematobiasis.

Med. J. Cairo University, 60(1):167-176.

- Erno, H. and Stipkovits, L. (1973):

Bovine mycoplasmas cultural and biochemical studies.

Acta. Vet. Scand., 14:450.

Evans, R.T. and Woodland, R.M. (1983):

Detection of chlamydiae by isolation and direct examination.
Br. Med. Bull., 39:181.

- Fair, W.R. (1980):

Prostatitis. In: Chisholm, G.D. (Ed.): "Urology". Chapter 5, pp. 63,
William Heineman Medical Book LTD, London.

- Fair, W.R. and Hesoton, W.D. (1977):

The relationship of bacterial prostatitis and zinc.
Prog. Clin. Biol. Res., 14:129.

- Fair, W.R. and Parrish, R.F. (1981):

Antibacterial substances in prostatic fluid.
Ibid, 75(A):247.

- Fair, W.R.; Cough, J. and Wehner, N. (1973):

The purification and assay of the prostatic antibacterial factor.
Biochem. Med., 8:329.

- Fair, W.R.; Cough, J. and Wehner, N. (1976):

Prostatic antibacterial factor: Identity and significance.
Urology 7:169.

- Fairely, K.F. (1988):

Urine analysis in "Diseases of Kidney", edited by Schrier, R.W. and
Gottschalk, C.W., Fourth Edition. Little, Brown and Company,
Boston/Toronto, Vol. I, pp. 359-391.

- Fairely, K.F. and Brich, D.F. (1989):

Detection of bladder bacteriuria in patients with acute urinary symptoms.

J. Inf. Dis., 159(2):226.

- Fallon, R.J. and Whittlestone, P. (1969):

Methods in microbiology. Vol. 3B. Ed. by Norris J.R. and Ribbons D.W. Academic Press, London and New York.

- Faro, S. (1991):

C.trachomatis: Female pelvic infection.

Am. J. Obst. Gynaecol., 164(6), Part 2, pp. 1767-1770.

- Finegold, S.M. and Baron, E.J. (1986):

Baily and Scott's diagnostic Microbiology, 7th ed., The C.V. Mosby Company. St. Louis Missouri, U.S.A., pp. 279-288.

- Fisher, M.A. and Tarry, W.F. (1984):

Prostatitis, epididymitis and orchitis. In: Waldman, R.H. and Kluge, R.M. (Eds.): "Infectious Diseases". Chapter 34, pp. 322, Medical Exam. Publish, New York.

- Ford, D.K. (1962):

J. Bact., 84, 1028.

- **Ford, D.K.; de Roza, D.M. and Schulzer, M. (1982):**
The specificity of synovial mononuclear cell responses to microbiological antigens in Reiter's syndrome.
J. Rheumatol., 9:561-7.
- **Fowler, J.E.Jr. and Mariano, M. (1982):**
Immunologic response to bacteruria and bacterial prostatitis II. Antigen specific immunoglobulin in prostatic fluid.
J. Urol., 128:165.
- **Foy, H.M.; Kenny, G.E.; Levinsohn, E.M. and Grayston, J.I. (1970):**
Acquisition of mycoplasmata and T-strain during infancy.
J. Inf. Dis., 121:579-87.
- **Foy, H.; Kenny, G.; Bor, E.; Hamman, S. and Hickman, R. (1975):**
Prevalence of *M.hominis* and *U.urealyticum* (T strain) in urine of adolescents.
J. Clin. Microbiol., 2:226-30.
- **Franco Busolo and Renalo Zanchetta (1985):**
The effect of *M.hominis* and *U.urealyticum* on hamster egg in vitro penetration by human spermatozoa.
Fertil. Steril., 43(1):110-114.
- **Freundt, E.A.; Andrews, B.E.; Erno, H.; Kunze, M. and Black, F.T. (1973):**
Zbl. Bakt., 225, 104.

- Friberg Jan, (1978):

Genital mycoplasma infections.
Am. J. Obstet. Gynaecol., 132:573.

- Frick, J. and O'Leary, W.M. (1976):

Prostatitis. In: Alan, R. (Ed.): "Prostatic Diseases", pp. 405, Liss.
Inc., New York.

- Gail Cassel, (1988):

Association of *U.urealyticum* of lower respiratory tract with chronic
lung disease and death in very low-birth-weight infants.
Lancet 7:30.

- Gallo, D.K.W.; Dupuis, N.J.; Schmidt and Kenny, G.E. (1983):

Broadly reactive immunofluorescence test for measurement of IgM and
G antibodies to *U.urealyticum* in infant and adult sera.
J. Clin. Microbiol., 17:614-618.

- Gann, P.H.; Hermann, J.E.; Candibe, L. and Hudson, R.W. (1990):

Accuracy of *C.trachomatis* antigen detection methods in a low-
prevalence population in a primary care setting.
J. Clin. Microbiol., 28(7):1580-1585.

- George, E. Kenny (1985):

In Edwin H. Lennette, William J. Hausner, Albert Balows and J. Jean
Shadomy.
Manual of Clinical Microbiology. 4th, ed, Ch. 36, p. 407, American
Society for Microbiol., Washington, D.C.

✓Gordon, F.B. and Quan, A.L. (1965a):

Isolation of the trachoma agent in cell culture.

Proc. Soc. Exp. Biol. Med., 118:354-359.

- Gordon, F.B.; Harper, I.A.; Quan, A.L.; Treharne, J.D.; Dwyer, R.S. and Garland, J.A. (1969):

Detection of Chlamydia (Bedsonia) in certain infections of man. I.

Laboratory procedures, Comparison of yolk sac and cell culture for detection and isolation.

J. Infect. Dis., 120:451-462.

- Gotthardson, A. and Melen, B. (1953):

Acta. Pathol. Microbiol. Scand., 33:291.

- Grayston, J.T.; Kuo, C.C.; Wang, S.P. and Altman, J. (1986):

A new *C.psittaci* strain called TWAR from acute respiratory infections.

N. Engl. J. Med., 315:161-168.

- Greenberg, S.B.; Harris, D. and Giles, P. (1985):

Inhibition of *C.trachomatis* growth in McCoy, Hela and human prostate cells by zinc.

Antimicrobial Agents and Chemotherapy. 27(6):953-957.

- Grimble, A. and Lessof, M.H. (1975):

Antiprostata antibodies in asthmatics.

Brit. Med. J., 2:263.

- **Halberstaedter, L. and Von-Prowazek, S. (1907):**
Zur Antiologie des trachoms. In: Ward M.E.: Chlamydial Classification, Development and Structure, Br. Med. Bull., 39:109-115. Dtsch. Med. Wochenschr., 33:1285.
- **Hammerschlag, M.R.; Doraiswamy, B. and Cox, P. (1987):**
Colonization of sexually abused children with genital mycoplasmas. Sex. Trans. Dis., 14:23.
- **Hammerschlag, M.R.; Roblin, P.M.; Cummings, C.; Williams, T.H.; Worku, M. and Howard, L.V. (1987):**
Comparison of enzyme immunoassay and culture for diagnosis of chlamydial conjunctivitis and respiratory infections in infants. J. Clin. Microbiol., 25:2306-2308.
- **Hanna, N.F.; Taylor-Robinson, D.; Karamanoli, M.K.; Harris, J.R.W. and McFadyen, T.R. (1985):**
The relation between vaginal pH and the microbiological status in vaginitis. Br. J. Obs. and Gynaec., 92:1267-1271.
- **Harnish, J.P.; Berger, R.E.; Alexander, E.R.; Monda, G. and Holmesk, K. (1977):**
Aetiology of epididymitis. Lancet I:819-821.

- Harold Cramer (1958):

The elements of probability theory and some of its publication, Wiley
publication 4th, Print, April.

- Harwick, H.J.; Purcell, R.H.; Iuppa, J.B. and Fekety, F.R. (1970):

M.hominis and abortion.
J. Inf. Dis., 121:360-368.

- Haward, C.J. and Gourley, R.N. (1982)

Proposal for a second species within the genus ureaplasma; *U.diversum*
sp.
Nov. Int. J. Syst. Bacterial. 32, 446.

- Hawkes, R.; Niday, E. and Gordon, J. (1982):

A dot immunobinding assay for monoclonal and other antibodies.
Analytical Biochemistry, 119:142-147.

- Hayflick, L. (1964):

Tissue cultures and Mycoplasma.
Texas Rep. Biol. Med., Nov. 30.

- Hayflick, L. (1965):

Tissue cultures and mycoplasmas.
Texas Rep. Biol. Med., 23(1):285.

- Hayflack, L. and Channock, R.M. (1965):

Mycoplasma species of man bacteriology.
Rev., 29:185.

- **Hobson, D.; Lee, N. and Quayle, E. (1982):**
Growth of *C.trachomatis* in BGM cells.
Lancet, 2:872-73.
- **Hofmann, H. (1987):**
Genital mycoplasma infections-clinical aspects, diagnosis and therapy
urologe (A) 26(5):246-51.
- **Hollander, R. and Pohl, S. (1980):**
Zbl. Bakt. I. Abt. Orig., A246, 236.
- **Horowitz, S.A.; Duffy, L.; Garrett, B.; Stephen, J.; Davis, J.K. and Cassel, G.H. (1986):**
Can group and serovar-specific proteins be detected in *U.urealyticum*.
Paed. Inf. Dis., 5 (6 Suppl.):325-31.
- **Howard, L.V.; Coleman, P.F.; England, B.J. and Heerrmann, J.E. (1986):**
Evaluation of Chlamydiazyme for the detection of genital infections
caused by *C.trachomatis*.
J. Clin. Microbiol., 23:329-332.
- **Hussain, M.B. (Ed.) (1984):**
Inflammation and infection of the lower genitourinary Tract. In:
"Tropical urology". pp. 108, Churchill Livingstone, London.

- Igietsene, J.U. and Rank, R.G. (1991):

Susceptibility to reinfection after a primary chlamydial genital infection is associated with a decrease of antigen-specific T-cells in the genital tract.

Infect. Immun., 59(4):1346-1351.

- International Committee on Systematic Bacteriology Subcommittee on the Taxonomy of Mollicutes (1979):

Proposal of minimal standards for descriptions of new species of the class mollicutes.

Int. J. Syst. Bacteriol., 29:172-80.

- Jan Fri Berg, M.D. (1978):

Genital Mycoplasma infection.

Am. J. Obstet. Gynaecol., 1.

- Jenkin, H.M.; Ross, M.R. and Moulder, J.W. (1961):

Species-specific antigens from the cell walls of the agents of meningopneumonitis and feline pneumonitis.

J. Immunol., 86:123-7.

- Jimenez-Gruz, J.F.; Merrer, M.M.; Almagro, A.; De Rafael, L. and Nino, S.N. (1984):

Prostatitis: are the Gram positive organisms pathogenic.

Eur. Urol., 10:311-314.

- **Johnson, A.P. and Taylor-Robinson, D. (1982):**
Experimental infection of the primate genital tract with *C.trachomatis*.
A.J.P., 106(1):132-35.
- **Juey-Shin, L.; Susan Alpert and Randnay, K.M. (1975):**
Combined type-specific antisera in identification of *M.hominis*.
J. Inf. Dis., 131:727-730.
- **Kahane, I. and Razin, S. (1970):**
FEBS. Lett., 10, 261.
- **Kavanagh and Darby, (1982):**
Kelalis P.P., Harrison Jr.E.G. and Green L.F. (1964).
Allergic granulomas of the prostate in asthmatics. JAMA, 188:963.
- **Kawamura, N.; Nakajima, N.; Shirmaizu, M.; Hoshiro, H. and Kinoshita, H. (1988):**
Isolation of *U.urealyticum* from urological out patients.
Hinyokika Kyo 34(10):1747-9.
- **Kelalis, P.P.; Green, L.F. and Harrison, E.G.Jr. (1965):**
Granulomatous prostatitis.
JAMA, 191:11.
- **Kelly, J.P.; Reynolds, R.B. and Stagno, S. (1985):**
In vitro activity of the spermicide nonoxynol 9 against *C.trachomatis*.
Antimicrob. Agents Chemother., 27(5):760-62.

- **Kenny, G.E.; Hooton, T.M.; Roberts, M.C.; Cartwright, F.D. and Hoyt, J. (1989):**
Susceptibilities of genital mycoplasmas to the newer quinolones as determined by the agar dilution method.
Antimicrob. Agents Chemother., 33:103-107.
- **Kingsbury, D.T. (1979):**
Estimate of the genome size of various micro-organisms.
J. Bacteriol., 98:1400.
- **Klieneberger-Nobel, E. (1962):**
Pleuropneumonia-like Organisms (PPLo) Mycoplasmataceae.
Academic Press, London and New York.
- **Klousia, J.W.; Madden, D.L.; Fucillo, D.A.; Traub, R.G.; Mattson, J.M. and Kreslewicz, A.G. (1978):**
The etiology of non specific urethritis.
J. Urol., 120:67.
- **Koren Zeev, Facog and Spigland Illya, (1978):**
Irrigation technique for detection of mycoplasma intrauterine infection in infertile patients.
Am. J. Obs. and Gynec., 52(5):588-590.
- **Krogsgaard-Jensen, A. (1972):**
Mycoplasma: growth precipitation as a serodiagnostic method.
Appl. Microbiol., 23(3):523-557.

- **Kuo, C.C. and Grayston, J.T. (1988):**
Factors affecting viability and growth in Hela 229 cells of *Chlamydia* sp. strain TWAR.
J. Clin. Microbiol., 26:812-815.

- **Lamb, J.R.; Bal, V. and Mendez-Samperino, P. (1989):**
Stress proteins may provide a link between the immune response to infection and autoimmunity.
Int. Immunol., 1:191-196.

- **Lamey, J.R.; Eschenbach, D.A.; Mitchell, S.H.; Blumtragen, J.M.; Foy, H.M. and Kenny, G.E. (1982):**
Isolation of mycoplasma and bacteria from the blood of postpartum women.
Am. J. Obs. and Gynaec., 143:104-112.

- **Lamm, D.L. and Friedlander, A.M. (1977):**
Medical therapy of experimental infection stones.
Urol., 10:418.

- **Lamont, H.C.; Semine, D.Z. and Leveille, C. (1978):**
Immunity to vaginal reinfection in female guinea pigs infected sexually with *Chlamydia* of guinea pig inclusion conjunctivitis.
Inf. Imm., 19(3):807.

- **Lapides, J. (1973):**
Pathophysiology of urinary tract infection.
Mich. Med. Gent. J., 39:43.

- La Scola, L.J. and Keddell, J.E. (1981):

Efficiency of various cell culture procedures for detection of *C.trachomatis* and applicability to diagnosis of pediatric infections.
J. Clin. Microbiol., 13:705-8.

- Lassus, A. (1990):

Comparative studies of Azithromycin in skin and soft tissue infections and sexually-transmitted infections by *Neisseria* and *Chlamydia* species.

J. Antimicrobio. Chemotherap., 25(Suppl. A):115-21.

- Lee, Y.H. (1972):

T-mycoplasmas from urine and vaginal specimens: Decreased rates of isolation and growth in the presence of thallium acetate.

J. Infect Disease 125:318.

- Lee, Y.H.; Rankin, J.S.; Alpert, S.; Daly, A.K. and McCormack, (1977):

Microbiological investigation of Bartholins gland abscess and cysts.

Am. J. Obs. and Gynaec., 129:150-153.

- Lee, Y.H.; Tarr, P.L.; Schumacher, J.R.; Rosner, B.; Alpert, S. and McCormack, W.M. (1976):

Re-evaluation of the role of T-mycoplasmas in non gonococcal urethritis.

J. Am. Vener. Dis. Assoc., 3:25-8.

- **Lee, Y.H.; McCormack, W.M.; Marcy, S.M. and Klein, J.O. (1974):**
The genital mycoplasmas their role in disorders of reproduction in
paediatric infections.
Paed. Clin. North Am., 21:457-66.
- **Lemcke, R.M. (1965):**
Lab. Pract., 14, 712; (1971) Nature. Lond., 229, 492.
- **Lemcke, R. and Csonka, G.W. (1962):**
Br. J. Vener. Dis., 38:212.
- **Levitt, D. and Brad, J. (1987):**
The immunology of Chlamydia.
Immunol. Today, 8:246-250.
- **Li, T.S. (1974):**
Sperm immunology in fertility, in fertility and controls.
Obstet. Gynaec., 44:607.
- **Lin, J.S. (1985):**
Human mycoplasmal infections serologic observations.
Rev. Inf. Dis., 7(2):216-31.
- **Linder, K. (1911):**
Gonblennorrhoe, Einschlusblennorrhoe und Trachom.
Graefes Arch. Ophthal., 78:345-380.

- **Manor, E. and Sarvo, L. (1988):**

Inhibition of *C.trachomatis* replication in HEp-2 cells by human monocyte-derived macrophages.

Infect. Immun., 56(12):3280-3284.

- **Marais, N.F.; Wessels, P.H.; Smith, M.S.; Gericke, A. and Richter, A. (1991):**

C.trachomatis, *M.hominis* and *U.urealyticum* infections in women prevalence, risks and management at a South African Infertility Clinic.

- **Mardh, P.A. and Westrom, L. (1975):**

Infections of the genital and urinary tracts with mycoplasmas and ureaplasmas. In: Danielsson D. and Mardh, J.L. 2nd Ed., p. 53. Genital infections and their complications, Almqvist and Wiksell Stockholm.

- **Mardh, P.A.; Ripa, K.T.; Colleen, S.; Treharne, J.D. and Darougar, S. (1978):**

Role of *C.trachomatis* in non acute prostatitis.

Br. J. Vener. Dis., 54:330.

- **Mardh, P.A.; Westrom, L.; Colleen, S.; Wolner, P. and Hanssen, (1981):**

Sampling, specimen handling and isolation techniques in the diagnosis of chlamydial and other genital infections.

Sex. Trans. Dis., 8:280-285.

- Meares, E.M.Jr. (1990):

Prostatitis, Cited from: Chisholm G.D. and Fair W.R. eds. Scientific foundations of urology. Heinmann. Medical Books Oxford and year Book Medical Publisher Chicago p. 351.

- Melen, B. and Gotthardson, A. (1955):

Acta. Pathol. Microbiol. Scand., 37:196.

- Milazzo, F.H. and Delisle, G.J. (1984):

Immunoglobulin A proteases in Gram negative bacteria isolated from human urinary tract infections.
Infect. Immun., 43:11.

- Miles, R.J.; Taylor-Robinson, R. and Varsani, H. (1991):

Oxygen uptake and H₂O₂ production by fermentative Mycoplasma spp.
J. Med. Microbiol., 34:219-223.

- Mohammed, N.R. and Hillary, I. (1984):

Detection of *C.trachomatis* inclusions in McCoy and Hela-229 cells: an alternative staining technique using toluidine blue.
J. Clin. Path., 37:682-85.

- Monnickendam, M.A. and Pearce, J.H. (1983):

Immune responses and chlamydial infections.
Br. Med. Bull., 39:187.

- Morrison, R.P. (1990):

Immune response to chlamydiae are protective and pathogenic. In Bowie W.R., et al. (ed.), chlamydial infections, p. 163-172. Proceedings of the Seventh International Symposium on Human Chlamydial Infections. Cambridge University Press, Cambridge.

- Morrison, R.P.; Belland, R.J.; Lyng, K. and Caldwell, H.D. (1989):

Chlamydial disease pathogenesis. The 57-KD chlamydial hypersensitivity antigen is a stress response protein. J. Exp. Med., 170:1271-1283.

- Moulder, J.W. (1985):

Comparative biology of intracellular parasitism. Microbiol. Rev., 49:298-337.

- Moulder, J.W. (1991):

Interaction of chlamydiae and host cells in vitro. Microbiol. Rev., 55:143-190.

- Moulder, J.W.; Hatch, T.P.; Kuo, C.C.; Schachter, J. and Storz, J. (1984):

Genus I. Chlamydia.

Jones, Rake, and Stearns 1945, 55, p. 729-739. In Krieg N.R. and Holt J.G. (ed.) Bergey's manual of systematic bacteriology. Vol. I. The Williams and Wilkins Co. Baltimore.

- Neimark, H.C. (1971):

J. Gen. Microbiol., 63, 249; (1977) Proc. Nat. Acad. Sci., Wash. 74, 4041.

- Nettelman, M.D. and Jones, R.B. (1988):

Cost-effectiveness of screening women at moderate risk for genital infections caused by *C.trachomatis*.

J. Am. Med. Assoc., 260:207-213.

{ Nigg, C. and Eaton, M.D. (1944):

Isolation from normal mice of a pneumotropic virus which forms elementary bodies.

J. Exp. Med., 79:497-510.

- Nishimura, T. (1981):

Longitudinal study of macrophages in prostatic fluid from non bacterial prostatitis patients.

Urology, 18:255.

- Nocard, E. and Roux, E.R. (1898):

Le Microbe de la peripneumoniae.

Ann. Inst. Pasteur 12:240. Cited from: Gerlad Mandell L., Gordon Douglas R., John H. and Bennett E. Principles and practice of infectious diseases. Ch. 161, 1445, 3rd ed. Churchill Livingstone.

- Oates, J.K. (1976):

Prostatitis. In: Nlandy, J.P. (Ed.): "Urology". pp. 914, Blackwell scientific publication, Oxford, London.

- O'Grady, F. (1980):

Factors affecting urinary tract infection in "Tutorials in postgraduate medicine urology" edited by Chisholm G., William Heinemann Medical Books. Ltd., London, pp. 3-18.

- Onsrud, M. and Qvigstad, E. (1984):

Natural killer cell activity after gynaecologic infections with Chlamydia.

Acta. Obstet. Gynaecol. Scand., 63:613-615.

- Oriel, J.D. (1983):

Role of genital mycoplasmas in non-gonococcal urethritis and prostatitis.

Sex Trans. Dis., 10(4 Suppl.):263-70.

- Orland, S.M.; Hanno, P.M. and Wein, A.J. (1985):

Prostatitis, prostatosis and prostatodynia.

Urology 25:439.

- Pachas, W.N. (1970):

The role of mycoplasma in kidney and urinary tract infections.

Ann. N.Y. Acad. Sci., 174:786.

- Page, L.A. (1968):

Proposal for the recognition of the two species in the genus Chlamydia (Jones, Rake and Stears 1945).

Int. J. Syst. Bacteriol., 18:51-66.

- Palmer, L. and Falkow, S. (1986):

A common plasmid of *C.trachomatis*. In: Schachter J.: Chlamydiaceae. The chlamydiae, Vol. 43, pp. 847-863. Plasmid, 16:52-62.

- Pao, C.C.; Lin, S. and Yang, T. (1987):

Deoxyribonucleic acid hybridization analysis for the detection of urogenital *C.trachomatis* infections in women.
Am. J. Obstet. Gynecol., 156:195-199.

- Parsons, C.L. (1986):

Pathogenesis of urinary tract infections.
Urologic Clinics of North America, 13:563.

- Patton, D.L. and Taylor, H.R. (1986):

The histopathology of experimental trachoma, ultrastructural changes in the conjunctival epithelium.
J. Infect. Dis., 153:870.

- Peeling, R.W. and Brunham, R.C. (1991):

Neutralization of *C.trachomatis*.
Infect. Immun., 59(8):2624-2630.

- Peeters, M.F.; Polak-Vogelzang, A.; Debruyne, F.M. and Van-der-Veen, J. (1983):

Role of mycoplasmas in chronic prostatitis.
Yale J. Biol. Med., 56(5-6):551-6.

- Perine, P.L. and Osoba, O. (1984):

Lymphogranuloma venereum, P. 243-257. In Holmes, K.K., Mardh, P.A.; Spraling, P.F. and Wiesner, P.J. (ed.). Sexually transmitted diseases. McGraw-Hill Book Co., New York.

- Peterson, E.M. and De La Maza, L.M. (1983):

Characterization of Chlamydia DNA by restriction endonuclease cleavage.

Infect. Immun., 41(2):604-8.

- Pfau, A. (1986):

Prostatitis: a continuing enigma.

Urol. Clin. N.Am., 113:695.

- Pfau, A. and Caine, M. (1980):

Prostatitis. In: Spring-Mills, E. and Hafez, E.S.E. (Eds.): "Male accessory sex glands". Chapter 23, pp. 15, North Holland Biochemical Press.

- Poletti, F.; Medici, M.C.; Alinovi, A.; Menozzi, M.G.; Sacchini, P.;

Staagni, G.; Toni, M. and Benolli, D. (1985):

Isolation of *C.trachomatis* from the prostatic cells in non bacterial prostatitis.

J. Urol., 134:691.

- Purcell, R.H.; Taylor-Robinson, D.; Wong, D. and Chanock, R.M. (1966):

Colour test for the measurement of antibody to T-strain mycoplasmas.

J. Bacteriol., 92:6-123.

- Purcell, R.; Chanock, R. and Taylor-Robinson, D. (1969):

See Hayflick (1969), pp. 221, 254.

- Quinn, T.C.; Warfield, P and Kappus, E. (1985):

Screening for *C.trachomatis* infection in an inner-city population: a comparison of diagnostic methods.

J. Infect. Dis., 152:419-423.

- Ramsey, K.H.; Soderberg, L.S.F. and Rank, R.G. (1988):

Resolution of chlamydial genital infection in B-cell deficient mice and immunity to reinfection.

Infect. Immun., 56(5):1320-1325.

- Rank, R.G. and Batteiger, B.E. (1989):

Protective role of serum antibody in immunity to chlamydial genital infection.

Infect. Immun., 57(1):299-301.

- Rank, R.G.; Batteiger, B.E. and Soderberg, L.S.F. (1988):

Susceptibility to reinfection after a primary chlamydial genital infection.

Infect. Immun., 56(9):2243-2249.

- Razin, S. (1969):

Annu. Rev. Microbiol., 23, 317; (1973) Advanc. Microb. Physiol., 10, 1; (1975) Progr. Surf. Membr. Sci., 9, 257;; (1978) Microbiol. Rev., 42, 414.

- Razin, S. (1978):

The mycoplasmas.

Microbiol. Rev., 42:414.

- Razin, S. (1985):

Molecular biology and genetics of mycoplasmas (Mollicutes).

Microbiol. Rev., 49:419-55.

- Razin, S. (1988):

Cell biology of mycoplasma.

Antibiotika Monitor 4:42-43.

- Razin, S. and Tully, J.G. (1970):

Cholesterol requirement of mycoplasmas.

J. Bacteriol., 102:306-310.

- Report (1967):

Int. J. Syst. Bact., 17, 105; (1971) Ibid, 21, 151; (1972) Ibid, 22, 184; (1979) Ibid, 29, 172.

- Retheny, M.; Taszczak, S.; Hafez, E.; Thomas, A. and Brown, W. (1978):

U.urealyticum in vaginal fluid and cervical mucus from fertile and infertile women.

Fertil. and Steril., 30(3):297-300.

- Riedasch, G.; Heck, P.; Rautenberg, E. and Ritz, E. (1983):

Does low urinary IgA predispose to urinary tract infection?

Kidney Int., 23:519.

- Risi, G.F.Jr. and Sanders, C.V. (1989):

The genital mycoplasma.

Obs. Gynaec. Clin. North Am., 16(3):611-26.

- Rodwell, A. (1969):

See Hayflick (1969), p. 413.

- Saada, A. and Kahane, I. (1988):

Purification and characterization of urease from *U.urealyticum*.

Zentralbl. Bakteriol. Hyg., 269:160-167.

- Schachter, J. (1978):

Chlamydial infections. (3 parts).

N. Engl. J. Med., 298:428-35, 490-5, 540-49.

- Schachter, J. (1984):

Biology of *C.trachomatis*, In Holmes, K.K., Mardh, P.A., Sparling, P.F. and Wiesner P.J. editors sexually transmitted diseases. McGraw-Hill Book Co., New York.

- Schachter, J. (1988):

Chlamydiaceae: The Chlamydiae in "Laboratory diagnosis of infectious diseases" Vol. II. Edited by Lennette, E.H. et al., by Springer-Verlag, New York Berlin Heidelberg London, Paris, Tokyo. Chapter 43, pp. 847-863.

- Schachter, J. (1990):

Chlamydiae. In: "Microbiology" edited by Davis, B.D., Dulbecco, R., Eisen, H.N., Ginsberg, H.S. et al., fourth edition. J.B. Lipincott Company Philadelphia, Chapter 39, 699-706.

- Schachter, J. (1990a):

Biology of *C.trachomatis* in "Sexually transmitted diseases". Edited by Holmes, K.K. et al., 2nd edition. Chap. 15, pp. 167-180.

- Schachter, J. and Dawson, C.R. (1979):

Is trachoma an ocular component of a more generalized chlamydial infection?

The Lancet, 1:702-3.

- Schachter, J. and Caldwell, H.D. (1980):

Chlamydiae.

Annu. Rev. Microbiol., 34:285-309.

- Schachter, J. and Grossman, M. (1981):

Chlamydial infections.

Annu. Rev. Med., 32:45-61.

- Schachter, J.; Cles, L.; Ray, R. and Hines, P. (1979):

Failure of serology in diagnosing chlamydial infections of the female genital tract.

J. Clin. Microbiol., 10(5):647-649.

- **Schwartz, S.L. and Kraus, S.J. (1979):**
Persistent urethral leucocytosis and asymptomatic chlamydial urethritis.
J. Infect. Dis., 140:614.
- **Schwarz, H. (1976):**
Prostatitis. In: Marberger, H.; Haschek, H.; Schirner, H.K.A.;
Colston, J.A.C. and Witkin, E. (Eds.): "Prostatic Diseases". pp. 365,
Alan R. Liss Inc., New York.
- **Selloers, J.; Mahony, J. and Jang, D. (1991):**
Rapid on site diagnosis of chlamydial urethritis in men by detection of
antigens in urethral swabs and urine.
J. Clin. Microbiology, 29(2):407-409.
- **Shand, D.G.; Niman, C.C. and O'Grady, F.W. (1970):**
Relation between residual urine volume and response to treatment.
Lancet II, pp. 1306.
- **Sharer, W. and Fair, W. (1983):**
Prostatitis.
In: Diagnosis and treatment of sexually transmitted diseases.
10(Suppl.):263-70.
- **Shemer, Y. and Sarvo, L. (1988):**
C.trachomatis growth inhibition by IFN- γ -implications for persistent
chlamydial infections. p. 73-94. In Byrne G.I. and Turco J. (ed.).
Interferons and nonviral pathogens. Marcel Dekker, Inc., New York.

- Shepard, M.C. (1954):

The recovery of pleuropneumonia-like organisms from Negro men with and without non-gonococcal urethritis.

Am. J. Syph. Gonorr. Vener. Dis., 38:113.

Ann. N.Y. Acad. Sci., 143, 505; (1969). See Hayflick (1969), p. 49.

- Shepard, M.C. and Lunceford, C.D. (1970):

Urease test medium for detection and identification of *T.mycoplasma*.

App. Microbiology 20:539.

- Shepard, M.C. and Lunceford, C.D. (1976):

Differential agar medium (A7) for *U.urealyticum* in primary culture.

J. Clin. Microbiol., 3:613.

- Shepard, M.C.; Lunceford, C.D.; Ford, D.K.; Purcell, R.H.; Taylor-

Robinson, D.; Razin, S. and Blacks, F.T. (1974):

Int. J. Systemic Bacteriology 24:160.

- Shortliffe, L. and Stamey, T. (1986):

Infections of the UT: Introduction and general principles.

In "Campbell's urology", edited by Walsh-Gittis. Perlmutter-Stamey, fifth edition. W.B. Saunders Co. Philadelphia, London, Toronto, Mexico City, Rio de Janeiro, Sydney, Tokyo, Hong Kong, p. 738-796.

- Simberkoff, M.S. and Toharsky, A. (1976):

Mycoplasmaemia in adult male patients.

JAMA 236:2522.

- **Simmons, P.D. and Thin, R.N. (1983):**
A method for the recognition of non-bacterial prostatitis.
British Journal of Venereal Diseases, 59:306.
- **Singer, J.J. and Devoe, W.M. (1979):**
Severe *M.pneumoniae* infection in otherwise healthy siblings.
J. Paed., 95:999-1001.
- **Skulnich, M.; Small, G.W.; Simor, A.E.; Low, D.E.; Khosid, H.; Fraser, S. and Chua, R. (1991):**
Comparison of the clearview chlamydia test chlamydiazyme and cell culture for detection of *C.trachomatis* in women with a low prevalence of infection.
J. Clin. Microbiol., 29(9):2086.
- **Smith, T.F.; Brown, S.D. and Weed, L.A. (1982):**
Diagnosis of *C.trachomatis* infections by cell cultures and serology.
Lab. Med., 13:92-100.
- **Smith, R.J. (1989):**
Evidence for *C.trachomatis* and *U.urealyticum* in a patient with Reiter's disease.
J. Adolesc. Health Care 10(2):155-9.

- Smith, G.R. (1984):

Mycoplasma diseases of animal and man.

In: Wilson S.G., Miles S.A. and Parker M.T. (Eds.): Topley and Wilson's principles of Bacteriology, Virology and Immunity. Volume 2, pp. 550, Butter, Lanner Ltd., Rome and London.

- Smith, P.F. (1960):

An. N.Y. Acad. Sci., 79:543.

- Sompolinsky, D. and Richmond, S. (1974):

Growth of *C.trachomatis* in McCoy cells treated with Cyochalasin B.
App. Microbiol., 28:912-914.

- Stamey, T.A. (Ed.) (1980):

Urinary infection in men.

In: Pathogenesis and treatment of urinary tract infection. pp. 343,
Baltimore, Williams and Wilkins Co., London.

- Stamey, T.A. (1981):

Prostatitis.

Journal of Royal Society of Medicine 74:22.

- Stamm, W.E. (1988):

Diagnosis of *C.trachomatis* genitourinary infections.

Ann. Inter. Med., 108:710-17.

- **Stamm, W.E. and Cole, B. (1986):**
Asymptomatic *C.trachomatis* urethritis in men.
Sex. Transm. Dis., 13:163-5.
- **Stamm, W.E. and Holmes, K.K. (1990):**
C.trachomatis infections of the adult in "Sexually transmitted diseases"
2nd ed. by Holmes K.K. et al., Chap. 16, pp. 181-193.
- **Stamm, W.E. and Mardh, P.A. (1990):**
C.trachomatis in "Sexually transmitted diseases" 2nd ed. by Holmes
K.K. et al., Chap.74, pp.827-925.
- **Stamm, W.E.; Koutsky, L.A.; Benedetti, J.K.; Jorden, J.L.; Brunham, R.C.
and Holmes, K.K. (1984):**
C.trachomatis urethral infections in men. Prevalence, risk factors, and
clinical manifestations.
Ann. Intern. Med., 100:47-51.
- **Stay, E.J. (1980):**
Tuberculosis of the prostate gland.
Urology, 16:422.
- **Stayler, M. and Shapiro, S.S. (1985):**
Mycoplasma in infertility.
Fertil. Steril., 44:1.

- **Steingrimsen, O.; Olafsson, J.H. and Thorarinsson, H. (1990):**
Azithromycin in the treatment of STD.
J. Antimicrob. Chemother., 25:109-14.
- **Stemler, M.E.; Stembe, G.W. and Robertson, J.A. (1987):**
ATP measurements obtained by luminometry provide rapid estimation
of *U.urealyticum* growth.
J. Clin. Microbiol., 25:427-429.
- **Stratton, N.J.; Hirsch, L. and Harris, F. (1991):**
Evaluation of the rapid clearview chlamydia test for direct detection of
chlamydia from cervical specimens.
J. Clin. Microbiol., 29(7):1551-1553.
- **Sugarman, I.D.; Pead, L.J.; Payne, S.R. and Maskell, R.M. (1990):**
Bacteriological state of the urine in symptom free adult male.
Br. J. Urol., 66:148.
- **Swinney, J. (Ed.) (1960):**
Chronic prostatitis. In: Modern trends in urology. Sir. Eric Riches
Butterworths, London.
- **Tang, F.F.; Wei, H. and Edgar, J. (1936):**
J. Path. Bact., 42, 45.
- **Tang, F.F.; Wei, H.; McWhirter, D.L. and Edgar, J. (1935):**
J. Path. Bact., 40, 391.

- **Tang, F.F.; Chang, H.L.; Huang, Y.T. and Wang, K.C. (1957):**
 Trachoma virus in chick embryo.
 Natl. Med. J. China, 43:81-6.

- **Tarr, P.I.; Lee, Y.H.; Alpert, S.; Schumacher, J.R.; Zinner, S.H. and McCormack, W.M. (1976):**
 Comparison of methods for the isolation of genital mycoplasmas for men.
 J. Inf. Dis., 133:419-423.

- **Taylor, H.R. (1985):**
 Ocular models of chlamydial infection.
 Rev. Infect. Dis., 7:737-740.

- **Taylor, H.R.; MacLean, I.W. and Brunham, R.C. (1990):**
 Chlamydial heat shock proteins and trachoma.
 Infect. Immun., 58(9):3061-63.

- **Taylor-Robinson, D. (1977):**
 Infections and infertility in man and animals. In Coid C.R. (Ed.):
 "Infections and Pregnancy". pp. 141, Academic Press, New York.

- **Taylor-Robinson, D. (1985):**
 U.urealyticum and *M.hominis* characteristics and isolation.
 In: Mandeel G.L., Douglas R.G. and Bennett J.E. (eds.): Infectious diseases. Ch. 147, p. 1076, A wiley Medical Publication, New York.
 The male reservoir of *U.urealyticum*. Paed.Inf.Dis., 5(6 Suppl.):234-5.

- **Taylor-Robinson, D. and McCormack, W.M. (1979):**
Mycoplasmas in human genitourinary infection. Tully J.G.R.F. and Whitcomb R.F. (Eds.): "Human and Animal Mycoplasmas", New York, Academic Press, Vol. 3, Chap. X, pp. 307.
- **Taylor-Robinson, D. and McCormack, W.M. (1980):**
Medical progress.
N. Engl. J. Med., 302:1003.
- **Taylor-Robinson, D. and Csonka, G.W. (1981):**
Laboratory and clinical aspects of mycoplasmal infection of the human genitourinary tract. In: Harris J.R.W. eds. Recent advances in sexually transmitted diseases, 4th eds. p. 475, London, Churchill Livingstone.
- **Taylor-Robinson, D. and Furr, P.M. (1981):**
Recovery of human genital tract mycoplasmas.
Isr. J.Med. Sci., 17:648.
- **Taylor-Robinson, D. and Furr, P.M. (1986):**
Clinical antibiotic resistance of *U.urealyticum*.
Paed. Inf. Dis., 5:S 335.
- **Taylor-Robinson, D. and Munday (1988):**
Mycoplasma infection of the female genital tract and its complication.
In: Hare M.J. ed. Genital tract infection in women p. 228-257, Churchill Livingstone Edinburgh, London.

- **Taylor-Robinson, D.; Thomas, B.J. and Osborn, M.F. (1987):**
Evaluation of ELA (Chlamydiazyme) for detecting *C.trachomatis* in genital tract specimens.
J. Clin. Pathol., 40:194-199.

- **Terho, P. (1982):**
C.trachomatis and clinical genital infections: a general review.
Infection, 10(Suppl.) 1:55.

- **Terho, P. and Meurman, O. (1981):**
Chlamydial serum IgG, IgA and local IgA antibodies in patients with genital tract infections measured by solid-phase radioimmunoassay.
J. Med. Microbiol., 14:77-87.

- **Thamsen, A.C. and Lindskov, H.O. (1979):**
Diagnosis of *M.hominis* infections.
J. Clin. Microbiol., 9:681. Lancet, 1:702-3.

- **Thin, R.N. and Simmons, P.D. (1983):**
Chronic bacterial and non bacterial prostatitis.
Brit. Journal of Urology 55:513.

- **Thomas, B.J.; Evans, R.T.; Hawkins, D.A. and Taylor-Robinson, D. (1984):**
Sensitivity of detecting *C.trachomatis* EBs in smears by use of fluorescein labeled monoclonal antibody: Comparison with conventional chlamydial isolation.
J. Clin. Pathol., 37:812.

- **Thomas, B.J.; Osborn, M.F.; Munday, P.E.; Evans, R.T. and Taylor-Robinson, D. (1990):**
A 2-year quantitative assessment of *C.trachomatis* in a sexually transmitted disease clinic population by the Micro Track direct smear immunofluorescence test.
Int. J. STD, AIDS, 1:264.
- **Thompson, S.E. and Washington, A.E. (1983):**
Epidemiology of sexually transmitted *C.trachomatis* infections.
Epidemiologic. Review, 5:96-123.
- **Thomsen, A.C. (1983):**
Occurrence and pathogenicity of *M.hominis* in the upper urinary tract.
Sex Trans. Dis., 10(4 Suppl.):323-6.
- **Thygeson, P. (1934):**
The aetiology of inclusion blennorrhoea.
Am. J. Ophthalmol., 17:1019-1035.
- **Tjiam, K.H.; Van Heijst, B.Y.M. and De Roo, R.C. (1984):**
Survival of *C.trachomatis* in different transport media and at different temperatures.
Br. J. Vener. Dis., 60:92-4.
- **Toth, A.; Swenson, C.E. and O'Leary, W.M. (1978):**
Light microscopy as an aid in predicting ureaplasma infection in human semen.
Fertil. Steril., 30:586-91.

- **Toth, A.; Lesser, M.L. and Brooks, C. (1983):**
Subsequent pregnancies among 161 couples treated for T-mycoplasma genital tract infection.
N. Engl. J. Med., 308:505.
- **Treharne, J.D.; Forsey, T. and Thomas, B.J. (1983):**
Chlamydial serology.
Br. Med. Bull., 39:194-200.
- **Tully, J.G.; Taylor-Robinson, D.; Rose, D.L. and Furr, P.M. (1983):**
Evaluation of culture media for *M.hominis*.
Sex. Trans. Dis., 10:256.
- **Uehling, D.T. (1989):**
Abacterial prostatitis: More about what it isn't but what is it.
J. Urol., 141:376-377.
- **Ulstein, M.; Capel, P.; Holmes, K.K. and Paulsen, C.A. (1976):**
Non symptomatic genital tract infection. In: Hafez, E.S.E. (Ed.).
"Human Semen and Fertility Regulation" Chapter 32, pp. 355, C.V.
Mosby Co., St. Louis.
- **Vinje, O.; Fryjordet, A.; Bruu, A.L.; Moller, P.; Mellbye, O.J. and Kass, E. (1983):**
Laboratory findings in chronic prostatitis with special reference to immunological and microbiological aspects.
Scand. J. Urol. Nephrol., 17(3):291-7.

- **Wagar, E.A.; Schachter, J.; Bavoil, P. and Stephens, R.S. (1990):**
Differential human serologic response to two 60,000 molecular weight *C.trachomatis* antigens.
J. Infect. Dis., 162:922-927.

- **Wallace, R.J.Jr. (1978):**
Isolation of *M.hominis* from blood cultures in patients with postpartum fever.
Obstet. Gynaecol., 51:181.

- **Wallace, A.; Clyde, Jr.; Robert, M.; Chanock Joseph, G. Tully (1990):**
In: Bernard, Davis, Renato, Dulbeco, Herman N. Eisen Ginsberg.
Rev. Microbiol., Ch. 40:707-716, 4th ed. Lippinc. O.H.

- **Wang, S.P. and Grayston, J.T. (1970):**
Immunologic relationship between genital TRIC, LGV and related organisms in a new microtiter indirect immunofluorescence test.
Am. J. Ophthalmol., 70:367-74.

- **Wang, S.P. and Grayston, J.T. (1982):**
Micro-immunofluorescence antibody responses in *C.trachomatis* infection, a review. P. 301-316. In Mardh P.A. et al., (ed.),
Chlamydial infections.

- **Wang, S.P. and Grayston, J.T. (1991):**
Three new serovars of *C.trachomatis*. D_a I_a and L_{2a}.
J. Infect. Dis., 163:403-405.

- **Wang, S.P.; Grayston, J.T. and Gale, J.L. (1973):**
Three new immunologic types of trachoma-IC organisms.
J. Immunol., 110:873-9.

- **Wang, S.P.; Kuo, C.C.; Barnes, R.C.; Stephens, R.S. and Grayston, J.T. (1985):**
Immunotyping of *C.trachomatis* with monoclonal antibodies.
J. Infect. Dis., 152:791-800.

- **Warren, J.W.; Muncie, H.L.; Bergguist, E.J. and Hookes, J.M. (1981):**
Sequelae and management of urinary infection in the patients requiring chronic catheterization.
J. Urol., 125:1.

- **Watanabe, T.; Mishina, K. and Horikawa, T. (1973):**
Proteolytic activity of human mycoplasmas.
Jap. J. Microbiol., 24:151-153.

- **Watkins, N.G.; Hadlow, W.J.; Moos, A.B. and Caldwell, H.D. (1986):**
Ocular delayed hypersensitivity: a pathogenetic mechanism of chlamydial conjunctivitis in guinea pigs.
Proc. Natl. Acad. Sci. USA., 83:74-80.

- **Webber, M.M. and Bouldin, T.R. (1977):**
Ultrastructure of human prostatic epithelium: Secretion granules or virus particles?".
Investigative Urology, 14:482.

- Weidner, W. and Schiefer, H.G. (1988):
Urethroadnexitis of the male and sexually transmissible pathogens.
A report of experiences of the Giessen study group.
- Wentworth, B.B. and Alexander, E.R. (1974):
Isolation of *C.trachomatis* by use of 5-iodo-2-deoxyuridine treated cells.
Appl. Microbiol., 27:912-6.
- White, M.A. (1975):
Change in pH of expressed prostatic secretion during chronic prostatitis.
Proc. R. Soc. Med., 68:511.
- White, N.J. and Stamm, W.E. (1988):
Cystitis and urethritis in "Diseases of the Kidney" Edited by Schrier, R.W. and Gottschalk, C.W. fourth edition. Little, Brown and Company, Boston, Toronto, Vol. 1, pp: 1109-1133.
- Wiesmeier, E.; Bruckner, D. and Black, M. (1987):
Detection of *C.trachomatis* infection by direct immunofluorescence staining of genital secretion.
Obst. Gynaecol., 69:347-349.
- Wiesmeier, E.; Bruckner, D.A.; Malotte, C.K. and Lori, M. (1988):
Enzyme-linked immunosorbent assays in the detection of *C.trachomatis*: How valid are they?
Diagn. Microbiol. Infect. Dis., 9:219.

- **Williams, D.M.; Magee, D.M. and Bonewald, L.F. (1990):**
A role in vivo for tumour necrosis factor alpha in host defense against *C.trachomatis*.
Infect. Immun., 58:1572-1576.
- **Wills, P.J.; Johnson, L. and Thompson, R.G. (1984):**
Isolation of Chlamydia using McCoy, BGM cells.
J. Clin. Path., 37:120-21.
- **Wishnow, K.I.; Wechner, N. and Stamey, T.A. (1982):**
The diagnostic value of the immunologic response in bacterial and non bacterial prostatitis.
Ibid, 127:689.
- **Woodland, R.M.; El-Sheikh, H.; Darougar, S. and Sauires, S. (1978):**
Sensitivity of immunoperoxidase and immunofluorescence staining for detecting Chlamydia in conjunctival scraping and in cell culture.
J. Clin. Path., 31:1073-1077.
- **Young, E. and Taylor, H.R. (1984):**
Immune mechanisms in Chlamydial eye infection: Cellular immune responses in chronic and acute disease.
J. Infec. Dis., 150:745-751.
- **Young, D.B.; Ivany, L.J.; Cox, J.H. and Lamb, J.R. (1987):**
The 65-KD antigen of mycobacteria a common bacterial protein?
Immunol. Today, 8:215-219.

- **Young, H.; Moyes, A.; Lough, H.; Smith, I.W.; McKenna, J.G. and Thompson, C. (1991):**
Preliminary evaluation of "Clearview chlamydia" for the rapid detection of chlamydial antigen in cervical secretions.
Genitourin. Med., 67(2):120.

- **Zhang, Y.X.; Stewart, S. and Joseph, T. (1987):**
Protective monoclonal antibodies recognize epitopes located on the MOMP of *C.trachomatis*.
J. Immunol., 138:575-581.