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This *Journal*, founded by the Medical Society for the Study of the Venereal Diseases, publishes original work on the investigation and treatment of genitourinary and allied disorders, and review articles, correspondence, and abstracts.

Advice to authors Papers for publication, which will be accepted on the understanding that they have not been and will not be published elsewhere and are subject to editorial revision, should be sent in duplicate to Dr A Mindel, Academic Department of Genitourinary Medicine, James Pringle House, Middlesex Hospital, London W1N 8AA. All authors must give signed consent to publication. Submitted papers must be accompanied by the following statement, signed by all the authors: "No paper resembling the enclosed article has been or will be published except in Genitourinary Medicine. We transfer all copyright ownership to Genitourinary Medicine." Manuscripts will only be acknowledged if a stamped addressed postcard or international reply coupon is enclosed. Rejected papers will not be returned. Figures will be returned if requested at the time of submission.

Full details of requirements for manuscripts in the Vancouver style (*BMJ* 1982;284:1766-70) are given in *Uniform requirements for manuscripts submitted to biomedical journals*, available from the Publishing Manager, *British Medical Journal*, BMA House (50p post free). Briefly details are as follows:

(1) *Scripts (including correspondence and book reviews)* must be typewritten on one side of the paper in double spacing with ample margins. Two copies should be sent.

(2) *Each script* should include, in the following order: a brief summary (structured summaries are preferred), typed on a separate sheet, outlining the main observations and conclusions; the text divided into appropriate sections; acknowledgements; references; tables, each on a separate sheet; and legends for illustrations.

(3) *The title* of the paper should be as brief as possible.

(4) *The number of authors* should be kept to the minimum, and only their initials and family names used.

(5) *Only the institution(s)* where work was done by each author should be stated.

(6) *SI units* must be used. If old fashioned units are used, SI units should be given in parentheses or, for tables and figures, a conversion factor given as a footnote.

(7) *Only recognised abbreviations* should be used.

(8) *Acknowledgements* should be limited to workers whose courtesy or help extended beyond their paid work, and supporting organisations.

(9) *Figures* should be numbered in the order in which they are first mentioned in the text. Captions should be typed on a separate sheet. *Diagrams*: use thick, white paper and insert lettering lightly in pencil. *Photographs*: should be marked lightly on the back with the author's name and indicating the top, and should not be attached by paper clips or pins. They should be trimmed to include only the relevant section (and will be reproduced 68 or 145 mm wide) to eliminate the need for reduction. Photomicrographs must have internal scale markers. Radiographs should be submitted as photographic prints, carefully prepared so that they bring out the exact point to be illustrated.

(10) *Tables* should be numbered, have titles, and be typed on separate sheets. Please avoid large tables and use the format which appears in current issues.

(11) *References* should be numbered consecutively the first time they are cited and identified by arabic numbers in the text, tables, and legends to figures. Authors must take full responsibility for the accuracy of their references, and the list should be kept as short as practicable. It should be in the order in which references are first mentioned, and should include (in the following order), *journals*: author's name and initials, title of paper, name of journal (in full or abbreviated according to the list in *Index Medicus*), year of publication, volume number, and first and last page numbers; *books*: author's name and initials, full title, edition, place of publication, publisher, and year of publication. When a chapter in a book is referred to, the name and initials of the author of the chapter, title of the chapter, "In:", name and initials of the editor, and "ed" should precede book title, etc as above. In references to journals or books, when there are seven or more authors the names of the first three should be given followed by "et al." Names of journals no longer published or not in *Index Medicus* should be given in full — for example, *British Journal of Venereal Diseases*.

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weighty less glossy tomes. This atlas certainly deserves serious consideration for a place on the clinic bookshelf but I would advise firstly measuring to ensure it will fit (vital statistics—12" × 10" × 1").

CHRIS SONNEX

Topics in clinical dermatology: sexually transmitted diseases. By Tomasz F. Mroczkowski (Pp 404, £96) New York. Pub Igaku-Shoin. 1990. ISBN 0-89640-163-4.

Although the author in his preface anticipates a wide readership for this short textbook on sexually transmitted diseases I strongly suspect that his prime market is that of the American dermatovenereologist who may only dabble in the subject.

As one might expect for a book aimed at a dermatology market the volume is lavishly illustrated and printed on high quality paper (reflected in its price). There is little logical structure to the arrangement of chapters, the book being organised on a disease orientated basis, each chapter dealing with a single disease or group of diseases. Chapters follow a simple formula starting with an overview, epidemiology and aetiology section followed by clinical manifestations, differential diagnosis and treatment. All but the clinical sections are kept to the barest minimum. The discussions are almost entirely from an American perspective, where patterns of disease presentation surprisingly differ from those in the UK, and still seem to predominate in the author's practice ("50% of female clinic attenders harbor trichomonas, most PID is due to gonorrhoea"). Treatment and follow-up recommendations are based on the STD treatment guidelines issued by the Center for Disease Control—many firstline UK treatments fail to be mentioned or are only presented in passing. Although the author aims to give particular advice on how best to collect and store specimens so as to maximise isolation rates these details are slipped into the text in an ad hoc manner. Even at the end of reading the whole book one is left wondering what the author would recommend as adequate screening in straightforward presentations of common illness.

The absence of any introduction or discussion of the scope of sexually

transmitted diseases is an obvious omission. Important principles of practice such as screening for associated disease, contact tracing, and health education are only mentioned in passing. Although lists of differential diagnoses are offered for each causative agent no attempt is really made to discuss clinical problems on a syndrome basis. It is for all these reasons as well as its poor value that this book is particular unsuitable for anyone coming new to the subject.

R PATEL

Dermatology. By O Braun-Falco, G Plewig, H H Wolff, R K Winkelmann. 1991. (Pp 1235, DM 340) Berlin: Springer-Verlag. ISBN 3-540-16672-6.

This is the English translation of a major German textbook. It covers classical dermatology plus venerology, proctology, allergies, photobiology etc. It is well illustrated with colour plates and very readable. Differential diagnoses are covered as well as treatment. One section which will be of particular interest to genitourinary physicians is the 13 page chapter on diseases of the glans penis and prepuce which ends with a one and a half page bibliography on those diseases.

Vulval disease, in contrast, is dealt with briefly in only four pages and the bibliography fails to mention Ridley's monograph on the subject. The coverage of sexually transmitted diseases is also relatively basic. For instance, in 14 pages on gonorrhoea there are only two sentences on penicillin resistance. Genitourinary physicians will nevertheless find this useful for its excellent coverage of general dermatology and for some of its coverage of dermatological aspects of genitourinary medicine.

C CARNE

All titles reviewed here are available from the BMJ Bookshop, PO Box 295, London WC1H 9TE. Prices include postage in the UK and for members of the British Forces Overseas, but overseas customers should add £2 per item for postage and packing. Payment can be made by cheque in sterling drawn on a UK bank, or by credit card (MASTERCARD, VISA or AMERICAN EXPRESS) stating card number, expiry date and full name.

NOTICE

The Medical Society for the Study of Venereal Diseases Undergraduate Prize Regulations

A prize of £150.00 to be called the MSSVD UNDERGRADUATE PRIZE will be awarded annually by the MSSVD (provided an entry of a suitable standard is received).

Entries for the prize will take the form of a report written in English.

The subject of the report should be related to sexually transmitted disease, genitourinary medicine or HIV infection.

The report should concern original and unpublished observations made by the entrant. The report, which should not exceed 2000 words, should include an introduction to the subject, methods used to make the observations, findings and discussion. A summary of the report on a separate sheet should also be provided. Entries must be machine or type-written and double spaced on one side only of A4 paper. Three copies must be submitted.

The subject must be approved by a genitourinary physician to the entrant's medical school. The observation must be made before full registration. A winner may not enter for the Prize again. Each entry should be accompanied by a declaration that these conditions have been fulfilled.

Entries should be submitted to the Hon Secretary of the Medical Society for the Study of Venereal Diseases by 30 June each year. They will then be considered by the President, the Hon Secretary and the Hon Treasurer. When appropriate other experts may be consulted. These assessors will make recommendations to Council who will make the final decision concerning the Prize.

Entries must be submitted within 12 months of full registration or its equivalent.

Regulations are obtainable from the Hon Secretary MSSVD.

The assessors may ask the editor of an appropriate journal to consider an entry for publication. If so, it will be received for publication in the usual way.

CURRENT PUBLICATIONS

Selected titles from recent reports published worldwide are arranged in the following sections:

Gonorrhoea
Chlamydia
Pelvic inflammatory disease
Non-specific genital infection
Candidiasis
Syphilis and other treponematoses
Herpes simplex virus
Human papillomavirus infection
Cervical cytology and colposcopy
Other sexually transmitted diseases
Public health and social aspects
Microbiology and Immunology
Dermatology
Miscellaneous

Gonorrhoea

Gonorrhoea and Asian prostitution—the Sydney Sexual Health Centre experience
 B DONOVAN, C HARCOURT, I BASSETT, CR PHILPOT, *Med J Aust* 1991;154:520.

Bacteriologic studies on *Neisseria gonorrhoeae* isolated in Sapporo, Japan—investigation of β -lactamase production and auxotypes
 M NISHIMURA, Y KUMAMOTO, T HIROSE, S SAKAI, T TSUKAMOTO, K DEGUCHI. *Sex Transm Dis* 1991;18:80.

Primary gonococcal meningitis
 FT BILLINGS, VA EVANS, PS WITTINGER, HE ROWEN, *Sex Transm Dis* 1991;18:129.

Identification of *Neisseria gonorrhoeae* using the Neisstrip Rapid Enzyme Detection test
 SF DEALLER, KR GOUGH, L CAMPBELL, A TURNER, PM HAWKEY, *J Clin Pathol* 1991;44:376.

Noeggerath and latent gonorrhoea
 JD ORIEL, *Sex Transm Dis* 1991;18:92.

Characterization of a gyrB mutation responsible for low-level nalidixic acid resistance in *Neisseria gonorrhoeae*
 DC STEIN, RJ DANAHER, TM COOK, *Antimicrob Agents Chemother* 1991;35:622.

Chlamydia

Simplification of procedures used to test urine samples for *Chlamydia trachomatis*
 BJ THOMAS, C GILCHRIST, PE HAY, D TAYLOR ROBINSON, *J Clin Pathol* 1991;44:374.

Detection of *Chlamydia trachomatis* by the polymerase chain reaction in swabs and urine from men with non-gonococcal urethritis
 HM PALMER, CB GILROY, BJ THOMAS, PE HAY, C GILCHRIST, D TAYLOR ROBINSON, *J Clin Pathol* 1991;44:321.

***Chlamydia trachomatis* detection and non-invasive sampling methods**
 R PATEL, GR KINGHORN, G KUDESIA, R VANHEGAN, *Lancet* 1991;337:1169.

Intraamniotic detection of *Chlamydia trachomatis* deoxyribonucleic acid sequences by polymerase chain reaction
 CC PAO, SM KAO, HC WANG, CC LEE, *Am J Obstet Gynecol* 1991;164:1295.

Correlation of the percent of positive *Chlamydia trachomatis* direct fluorescent antibody detection tests with the adequacy of specimen collection
 C HOWARD, DL FRIEDMAN, JK LEETE, ML CHRISTENSEN, *Diag Microbiol Infect Dis* 1991;14:233.

Diagnosis of chlamydial infection in pregnant women using the Testpack chlamydia diagnostic kit
 JH GROSSMAN, ME RIVLIN, JC MORRISON, *Obstet Gynecol* 1991;77:801.

Comparison of the gen-probe PACE-2 system, direct fluorescent-antibody and cell culture for detecting *Chlamydia trachomatis* in cervical specimens
 PC IWEN, TMH BLAIR, GL WOODS, *Am J Clin Pathol* 1991;95:578.

Single-dose Trospectomycin for Chlamydial urethritis in men
 MC KEEFER, MA MENEGUS, MA NASELLO, JA REID, M LONG, RC REICHMAN, *Antimicrob Agents Chemother* 1991;35:986.

Effectiveness of Ofloxacin in the treatment of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* cervical infection
 S FARO, MG MARTENS, M MACCATO, HA HAMMILL, S ROBERTS, G RIDDLE, *Am J Obstet Gynecol* 1991;164:1380.

Cost-effectiveness of prenatal testing for *Chlamydia trachomatis*
 MD NETTLEMAN, TA BELL, *Am J Obstet Gynecol* 1991;164:1289.

Induction of antibody response to

***Chlamydia trachomatis* in the genital tract by oral immunization**
 ZD CUI, D TRISTRAM, LJ LASCOLEA, T KWIATKOWSKI, S KOPTI, PL OGRA, *Infect Immun* 1991;59:1465.

Susceptibility to reinfection after a primary chlamydial genital infection is associated with a decrease of antigen-specific T-cells in the genital tract
 JU IGIETSEME, RG RANK, *Infect Immun* 1991;59:1346.

***Chlamydia trachomatis* induces an inflammatory response in the male genital tract and is associated with altered semen quality**
 H WOLFF, U NEUBERT, M ZEBHAUSER, G BEZOLD, HC KORTING, M MEURER, *Fert Steril* 1991;55:1017.

Synovial lymphocyte-T-specific immune response to *Chlamydia trachomatis* in Reiter's disease
 J SIEPER, G KINGSLEY, A PALACIOSBOIX, C PITZALIS, J TREHARNE, R HUGHES, A KEAT, GS PANAYI, *Arthritis Rheum* 1991;34:588.

Implications for persistent chlamydial infections of phagocyte-micro-organism interplay
 I SAROV, E GERON, Y SHERMERAVNI, E MANOR, M ZVILLICH, D WALLACH, E SCHMITZ, H HOLTSMAN, *Eur J Clin Microbiol Infect Dis* 1991;10:119.

Typing *Chlamydia trachomatis* by detection of restriction fragment length polymorphism in the gene encoding the major outer membrane protein
 EH FROST, S DESLANDES, S VEILLEUX, D BOURGAUXRAMOISY, *J Infect Dis* 1991;163:103.

Typing of *Chlamydia trachomatis* by restriction endonuclease analysis of the amplified major outer membrane protein gene
 P RODRIGUEZ, A VEKRIS, B DEBARBEYRAC, B DUTILH, J BONNET, C BEBEAR, *J Clin Microbiol* 1991;29:1132.

A heat-labile protein of *Chlamydia trachomatis* binds to HeLa cells and inhibits the adherence of chlamydiae
 TD JOSEPH, SK BOSE, *Proc Nat Acad Sci USA* 1991;88:4054.

Pelvic inflammatory disease

Think PID—new directions in prevention and management of pelvic inflammatory disease
 RT ROLFS, *Sex Transm Dis* 1991;18:131.

Diagnosis and laparoscopic grading of acute salpingitis

DE SOPER *Am J Obstet Gynecol* 1991; 164:1370.

Comparison of cefotetan plus doxycycline with cefoxitin plus doxycycline in the inpatient treatment of acute salpingitis

CK WALKER, DV LANDERS, MJ OHMSMITH, MO ROBBIE, J LUFT, J SCHACHTER, RL SWEET, *Sex Transm Dis* 1991;18:119.

A randomized trial of ofloxacin versus cefoxitin and doxycycline in the outpatient treatment of acute salpingitis

GD WENDEL, SM COX, RE BAWDON, SK THERIOT, MC HEARD, BJ NOBLES, *Am J Obstet Gynecol* 1991;164:1390.

Non-specific genital infection

Clinical and microbiologic features of urethritis in men in Toulouse, France

JC LEFEVRE, JP LEPARGNEUR, R BAURIAUD, MA BERTRAND, C BLANC, *Sex Transm Dis* 1991;18:76.

Candidiasis

Mechanisms of host defense against candida species. 1. Phagocytosis by monocytes and monocyte-derived macrophages

L MARODI, HM KORCHAK, RB JOHNSTON, *J Immunol* 1991;146:2783.

Mechanisms of host defense against candida species. 2. Biochemical basis for the killing of candida by host mononuclear phagocytes

L MARODI, JR FOREHAND, RB JOHNSTON, *J Immunol* 1991;146:2790.

Syphilis and other treponematoses

Specific syphilis serological tests may become negative in HIV infection

PDR JOHNSON, SR GRAVES, L STEWART, R WARREN, B DWYER, CR LUCAS, *AIDS* 1991;5:419.

Syphilis superinfection activates expression of human immunodeficiency virus—1 in latently infected rabbits

CK TSENG, MA HUGHES, PL HSU, S MAHONEY, M DUVIC, S SELL, *Am J Pathol* 1991;138:1149.

Failure of recommended maternal therapy to prevent congenital syphilis

SA RAWSTRON, K BROMBERG, *Sex Transm Dis* 1991;18:102.

Tertiary syphilis of the face

G CHUNG, GR KANTOR, S WHIPPLE, *J Am Acad Dermatol* 1991;24:832.

A population-based serosurveillance of syphilis in Costa Rica

SA LARSEN, MW OBERLE, JM SANCHEZBRAVERMAN, L ROCEROBIXBY, KM VETTER, *Sex Transm Dis* 1991;18:119.

An experimental model of early central nervous system syphilis

C MARRA, SA BAKERZANDER, EW HOOK, SA LUKEHART, *J Infect Dis* 1991;163:825.

Pathogen-specific humoral response in *Treponema pallidum* infected humans, rabbits and guinea pigs

V WICHER, K ZABEK, K WICHER, *J Infect Dis* 1991;163:830.

Splenic macrophage function in early syphilitic infection is complex—stimulation versus down-regulation

MA TOMAI, TJ FITZGERALD, *J Immunol* 1991; 146:3171.

Contribution of rabbit leucocyte defensins to the host response in experimental syphilis

LA BORENSTEIN, T GANZ, S SELL, RI LEHRER, JN MILLER, *Infect Immun* 1991;59:1368.

Molecular cloning and characterization of a 35.5-kilodalton lipoprotein of *Treponema pallidum*

CL HUBBARD, TC GHERARDINI, PJ BASSFORD, LV STAMM, *Infect Immun* 1991;59:1521.

Herpes simplex virus

Neonatal herpes simplex virus infection in relation to asymptomatic maternal infection at the time of labour

ZA BROWN, J BENEDETTI, R ASHLEY, S BURCHETT, S SELKE, S BERRY, LA VONTVER, L COREY, *N Engl J Med* 1991;324:1247.

Incidence of genital herpes simplex virus at the time of delivery in women with known risk factors

PM CATALANO, AO MERRITT, PB MEAD, *Am J Obstet Gynecol* 1991;164:1303.

Acyclovir resistant genital herpes virus infection in a patient with AIDS

M MARRERO, M ALVAREZ, JC MILLAN, PM LAGO, M SOLER, M DIAZ, *Acta Virol* 1991;35:86.

Prophylaxis for genital herpes—should it be used routinely

A MINDEL, *Drugs* 1991;41:319.

Latency of the human herpes viruses

KD CROEN, *Am Rev Med* 1991;42:61.

Cell-mediated immunologic responses and recurrent genital herpes in the guinea pig—effects of glycoprotein immunotherapy

DI BERNSTEIN, CJ HARRISON, LJ JENSKI, MG MYERS, LR STANBERRY, *J Immunol* 1991; 146:3571.

Expression of herpes simplex virus type-2 latency-associated transcript in neurons and non-neurons

RB TENSER, WA EDRIS, KA HAY, BE DEGALAN, *J Virol* 1991;65:2745.

Leucine repeats in the large subunit of herpes simplex virus type-2 ribonucleotide reductase (RR-ICP10) are involved in RR activity and subunit complex formation

TD CHUNG, JH LVOM, JP WYMER, CC SMITH, L AURELIAN, *J Gen Virol* 1991;72:1139.

Human papillomavirus infection

Human papillomavirus up-date—meeting held in Sao Paulo, Brazil, November 8–10, 1990

LL VILLA, RR BRENTANI, *Int J Cancer* 1991; 48:163.

Case-controlled study of risk factors for cervical neoplasia in Denmark. 1. role of the male factor in women with one lifetime sexual partner

SK KJAER, EM DEVILLIERS, C DAHL, ET AL. *Int J Cancer* 1991;48:39.

Human papillomavirus segregation patterns in genital and nongenital warts in prepubertal children and adults

GJ NUOVO, DA LASTARRIA, S SMITH, J LERNER, SL COMITE, YD ELIEZRI, *Am J Clin Pathol* 1991;95:467.

Subclinical human papillomavirus infection in condylomata acuminata patients attending a VD clinic

CS PETERSEN, J ALBRECHTSEN, J LARSEN, ET AL. *Acta Derm Venereol (Stokh)* 1991;71:252.

High prevalence of human papillomavirus in prostate tissues

PJ MCNICOL, JG DODD, *J Urol* 1991;145:850.

A double-blind, randomized trial of 0.5 percent Podofilox and placebo for the treatment of genital warts in women

MD GREENBERG, LH RUTLEDGE, R REID, NR BERMAN, SL PRECOP, RK ELSWICK, *Obstet Gynecol* 1991;77:735.

Recurrent condylomata acuminata treated with recombinant interferon alfa-2a—a multicenter double-blind placebo-controlled clinical trial

PG HOGAN, *JAMA* 1991;265:2684.

- Dietary and serum carotenoids and cervical intraepithelial neoplasia.** J VANEENWYK, JG DAVIS, PE BOWEN, *Int J Cancer* 1991;48:34.
- Cervical human papillomavirus deoxyribonucleic acid and cytologic evaluations in gynecologic outpatients** P NIEMINEN, VRX SOARES, M AHO, E VESTERINEN, E SAVIA, A VAHERI, J PAAVONEN, *Am J Obstet Gynecol* 1991;164:1265.
- Simultaneous detection and typing of genital human papillomavirus DNA using the polymerase chain reaction** Y FUJINAGA, M SHIMADA, K OKAZAWA, M FUKUSHIMA, I KATO, K FUJINAGA, *J Gen Virol* 1991;72:1039.
- Double HPV infection in African cervical cancer detected by polymerase chain reaction** KO ROGO, M EVANDER, L BJERSING, U STENDAHL, G WADELL, *Anticancer Res* 1991;11:169.
- Insitu hybridization with human papillomavirus using biotinylated DNA probes on archival cervical smears** XM LIANG, RL WIECZOREK, LG KOSS, *J Histochem Cytochem* 1991;39:771.
- Insitu human papillomavirus (HPV) genotyping of cervical intraepithelial neoplasia in South African and British patients—evidence for putative HPV integration in vivo** K COOPER, CS HERRINGTON, AK GRAHAM, MF EVANS, LO MCGEE, *J Clin Pathol* 1991;44:400.
- Insitu evidence for HPV-16, HPV-18, HPV-33 integration in cervical squamous cell cancer in Britain and South Africa** K COOPER, CS HERRINGTON, AK GRAHAM, MF EVANS, JO MCGEE, *J Clin Pathol* 1991;44:406.
- Absence of human papillomavirus in cervical adenocarcinoma determined by insitu hybridization** FI YOUNG, LM WARD, LJR BROWN, *J Clin Pathol* 1991;44:340.
- Human papillomavirus type-16 and type-18 in adenocarcinoma of the uterine cervix** A LEMINENE, J PAAVONEN, E VESTERINEN, T WAHLSTROM, I RANTALA, M LEHTINEN, *Am J Clin Pathol* 1991;95:647.
- HPV-18 and cervical adenocarcinomas** L BJERSING, K ROGO, M EVANDER, U GERDES, U STENDAHL, G WADELL, *Anticancer Res* 1991;11:123.
- Detection of human papillomavirus DNA on routine Papanicolaou's smears by insitu hybridization with the use of biotinylated probes** YJ CHOI, *Am J Clin Pathol* 1991;95:475.
- Diagnostic sensitivity of polymerase chain reaction and Southern blot hybridization for the detection of human papillomavirus DNA in biopsy specimens from cervical lesions** KM THAM, VTK CHOW, P SINGH, ET AL. *Am J Clin Pathol* 1991;95:638.
- Detection of transforming gene regions of human papillomavirus type-16 in cervical dysplasia by the polymerase chain reaction** J CZEGLEDY, M EVANDER, L VERES, L GERGELY, G WADELL, *Med Microbiol Immunol* 1991;180:37.
- The use of polymerase chain reaction in generation of biotinylated human papillomavirus DNA probes for insitu hybridization** S SYRJANEN, B ANDERSSON, L JUNTUNEN, K SYRJANEN, *J Virol Methods* 1991;31:147.
- Use of universal and type-specific primers in the polymerase chain reaction for the detection and typing of genital human papillomaviruses** H MAKI, S SAITO, T IBARAKI, M ICHIJO, O YOSHIE, *Jpn J Cancer Res* 1991;82:411.
- A general primer pair for amplification and detection of genital human papillomavirus types** M EVANDER, G WADELL, *J Virol Methods* 1991;31:239.
- Detection of transcripts of human papillomavirus-16 and papillomavirus-18 in cancer-derived cell lines and cervical biopsies by enzyme immunoassay for DNA-RNA hybrids following solution hybridization** F COUTLEE, KV SHAH, JS RADER, JL CURRIE, RP VISCI DI, *J Clin Microbiol* 1991;29:968.
- Amplification of human papillomavirus genomes in vitro is dependent on epithelial differentiation** MA BEDELL, JB HUDSON, TR GOLUB, ME TURYSK, M HOSKEN, GD WILBANKS, LA LAIMINS, *J Virol* 1991;65:2254.
- Oncogene expression in cervical intraepithelial neoplasia and invasive cancer of cervix** SB PINION, JH KENNEDY, RW MILLER, AB MACLEAN, *Lancet* 1991;337:819.
- Very high incidence of germ cell tumorigenesis (seminomagenesis) in human papillomavirus type-16 transgenic mice** G KONDOH, Y MURATA, K AOZASA, M YUTSUDO, A HAKURA, *J Virol* 1991;65:3335.
- Presence and distribution of human papillomavirus sense and antisense RNA transcripts in genital cancers** GD HIGGINS, DM UZELIN, GE PHILLIPS, CJ BURRELL, *J Gen Virol* 1991;72:885.
- Antibodies to human papillomavirus type-16 in human sera as revealed by the use of prokaryotically expressed viral gene products** HG KOCHER, K SIEVERT, M MONOZAHIAN, A MITTELSTADTDETERDING, A TIECHMANN, R THOMSEN, *Virology* 1991;182:644.
- The viral transcriptional regulatory region upstream of the E6 and E7 genes is a major determinant of the differential immortalization activities of human papillomavirus type-16 and type-18** H ROMANCZUK, LL VILLA, R SCHLEGEL, PM HOWLEY, *J Virol* 1991;65:2739.
- An E1M or E2C fusion protein encoded by human papillomavirus type-11 is a sequence-specific transcription repressor** CM CHIANG, TR BROKER, LT CHOW, *J Virol* 1991;65:3317.
- Human papillomavirus type-16 transcripts expressed from viral cellular junctions and full-length viral copies in CaSki cells and in a cervical carcinoma** HL SMITS, MYF CORNELLISSSEN, MF JEBBINK, JG VANDENTWEELE, APHB STRUYK, M BRIET, J TERSCHEGGET, *Virology* 1991;182:870.
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