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MONTHLY
BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 11, NO. 4, APRIL 1973

(PAGE NOS. 49 - 63)

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MULTIPLE SUBJECT AREA

AREHART-TREUCHEL, J.

Viruses may lie in wait months, even years
before triggering human diseases.

Scrapie; Visna.

Sci. News 103(15):245-247, 1973.

CIRC.FILE

CHO, C.T., and WENNER, H.A.

Monkeypox virus.

Cont.ecthyma; Sheep pox; Goat pox.

Bacteriol. Rev. 37(1):1-18, 1973.

PIL

CZEKALOWSKI, J.W., HALL, D.A., and WOOLCOCK, P.R.

Studies on proteolytic activity of mycoplasmas:
gelatinolytic property.

CBPP; CAPP; Cont. agalactia.

J. Gen. Microbiol. 75(1):125-133, 1973.

PIL

DAFNI, I.

Animal health in 1971.

Rinderpest; CBPP; FMD; Cont. agalactia;

Sheep pox.

Refu. Vet. 29(4):173-181, 1972.

PIL

DANES, L., and others.*

The role of the olfactory route on infection of
the respiratory tract with Venezuelan equine
encephalomyelitis virus in normal and operated
Macaca rhesus monkeys. I. Results of
virological examination.

VEE; Louping ill.

Acta Virol. 17(1):50-56, 1973.

*J. Kufner, J. Hruskova, and V. Rychterova.

PIL

HOFMANN, H.

Die unspezifische Abwehr bei neurotrophen
Arbovirusinfektionen. [Nonspecific host
defence of neurotropic arbovirus infections.]
English abstract.

VSV; VEE.

Zentralbl. Bakteriolog., Parasitenkd., Infektionskr.
Hyg., Erste Abt. Orig.-Reihe A Med. Mikrobiol.
Parasitol. 223(2):143-163, 1973.

PIL

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250

MEMORANDUM FOR THE DIRECTOR, BUREAU OF LAND MANAGEMENT
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ITO, Y., and others.*

Electron microscopy of Ibaraki virus.

Bluetongue-Cattle; AHS.

Arch. Gesamte Virusforsch. 40(1-2):29-46, 1973.

*Y. Tanaka, Y. Inaba, and T. Omori.

PIL

LEACH, R.H.

Further studies on classification of bovine strains of Mycoplasmatales, with proposals for new species, Acholeplasma modicum and Mycoplasma alkalescens.

CBPP; Cont. agalactia; CCPP.

J. Gen. Microbiol. 75(1):135-153, 1973.

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LOBRY, M.A.

The Expert Panel on Contagious Bovine Pleuropneumonia and its role in the control of the disease.

CBPP; Rinderpest.

Trop. Anim. Health Prod. 5(1):46-51, 1973.

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LONGWORTH, J.F., and others.*

Reactions between an insect picornavirus and naturally occurring IgM antibodies in several mammalian species.

FMD; VES.

Nature (Lond.) 242(5396):314-316, 1973.

*J.S. Robertson, T.W. Tinsley, D.J. Rowlands, and F. Brown.

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McINTOSH, B.M.

Rift Valley fever: 1. Vector studies in the field.

RVF; Wesselsbron.

J. S. Afr. Vet. Assoc. 43(4):391-395, 1972.

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MACKENZIE, J.S., and DIMMOCK, N.J.

A preliminary study of physiological characteristics of temperature-sensitive mutants of influenza virus.

VSV; Fowl plague.

J. Gen. Virol. 19(1):51-63, 1973.

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MAEHARA, N., and NAGANO, Y.

Formation of virus-inhibiting factor or interferon in splenectomized mice.

VSV; RVF.

Jap. J. Microbiol. 16(6):469-474, 1972.

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MÅRDH, P.-A., and TAYLOR-ROBINSON, D.

The differential effect of lysolecithin on mycoplasmas and acholeplasmas.

CBPP; Cont. agalactia; CCPP.

Med. Microbiol. Immunol. 158(3):219-226, 1973.

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MARSH, R.F., MILLER, J.M., and HANSON, R.P.

Transmissible mink encephalopathy: studies on the peripheral lymphocyte.

Scrapie; VSV.

Infect. Immun. 7(3):352-355, 1973.

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- POVEY, R.C., and JAMES, Z.H.
Bovine herpes mammillitis virus and vulvo-vaginitis.
Bov. mamm.; Lumpy skin; FMD.
Vet. Rec. 92(9):231-233, 1973. PIL
- PRASAD, I.J., and DATTA, N.S.
Observation on the use of live and inactivated
vaccines against goat pox.
Goat pox; Sheep pox.
Indian Vet. J. 50(1):1-10, 1973. PIL
- SCHULZE, P.
Der Schnellnachweis von Viren mit dem Elektronenmikroskop.
[Rapid virus detection by means of electron
microscope.]
English summary.
Lumpy skin; Cont. ecthyma; ASF; Bov. mamm.; AHS;
Rinderpest; Fowl plague; VSV; FMD; Ephemeral
fever; Teschen; Talfan.
Monatsh. Veterinärmed. 28(6):208-213, 1973. PIL
- SINGH, A.K., and SAWHNEY, A.N.
Capillary tube agglutination test for diagnosis
of goat-pox.
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Indian Vet. J. 49(12):1272-1273, 1972. PIL
- TANDLER, B., ERLANDSON, R.A., and SOUTHAM, C.M.
Unusual membrane formations in HEp-2 cells
infected with Ilheus virus.
RVF; Wesselsbron.
Lab. Invest. 28(2):217-223, 1973. PIL
- THEILER, M., and DOWNS, W.G.
The arthropod-borne viruses of vertebrates; an
account of the Rockefeller Foundation Virus
Program, 1951-1970 [by] M. Theiler, and
W.G. Downs. New Haven, Yale University Press,
xxviii, 578 p., illus., 1973.
AHS; ASF; FMD; VSV; Louping ill; Nairobi
sheep disease; RVF; VEE; Wesselsbron; Ephemeral fever. QR 360 T45
- VIROLOGY and Virus Diseases; Proceedings No. 16 [Refresher]
Course for Veterinarians (The J.D. Stewart Course
for 1972). Sydney, Aust., Univ. Sydney, xiii, 382 p.,
illus., 1972.
34 papers presented - covering numerous (26)
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AFRICAN HORSE SICKNESS

- DATTA, N.S., and others.*
Studies on African horsesickness virus type IX
('Jaipur' strain): adaptation of the virus
to embryonating chicks and development of
a modified vaccine strain.
Indian J. Anim. Sci. 42(8):601-605, 1972.
*C.L. Sehgal, S. Kumar, R.N. Sharma, and G.L. Sharma. PIL

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AFRICAN HORSE SICKNESS

-52-

KUMAR, S., and others.*

Studies on African horsesickness virus type IX
('Jaipur' strain): further studies on
mouse-adapted vaccine.

Indian J. Anim. Sci. 42(8):597-600, 1972.

*B.B.L. Mathur, R.N. Sharma, N.S. Datt, and G.L. Sharma.

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TEWARI, S.C., DATT, N.S., and KUMAR, S.

Studies on African horsesickness virus:
haemagglutination and haemagglutination-
inhibition tests with purified virus suspensions.

Indian J. Anim. Sci. 42(8):593-596, 1972.

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BLUETONGUE DISEASE IN CATTLE (IBARAKI VIRUS)

SCHMIDT, R.E., and PANCIERA, R.J.

Cerebral malformation in fetal lambs from a
bluetongue-enzootic flock.

J. Am. Vet. Med. Assoc. 162(7):567-568, 1973.

PIL

BORNA DISEASE

ANZIL, A.P., and BLINZINGER, K.

Electron microscopic studies of rabbit central
and peripheral nervous system in
experimental Borna disease.

Acta Neuropathol. 22(4):305-318, 1972.

Vet. Bull. 43(3):128(1082), 1973.

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ANZIL, A.P., BLINZINGER, K., and MAYR, A.

Persistent Borna virus infection in adult hamsters.

Arch. Gesamte Virusforsch. 40(1-2):52-57, 1973.

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BOVINE MAMMILLITIS

LUDWIG, H., and STORZ, J.

Activation of herpesvirus from normal bovine fetal
spleen cells after prolonged cultivation.

Med. Microbiol. Immunol. 158(3):209-217, 1973.

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CONTAGIOUS BOVINE PLEUROPNEUMONIA

BREDT, W., and others.*

Microcinematographic studies of Mycoplasma
hominis cells.

J. Bacteriol. 113(3):1223-1227, 1973.

*H.H. Heunert, K.H. Höfling, and B. Milthaler.

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COLE, B.C., and WARD, J.R.

Fate of intravenously injected Mycoplasma
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Infect. Immun. 7(3):416-425, 1973.

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CONTAGIOUS OVINE PLEURCPNEUMONIA

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KRUYFF, B. de, and others.*

The effect of different fatty acid and sterol composition on the erythritol flux through the cell membrane of Acholeplasma laidlawii.

Biochim. Biophys. Acta 298(2):479-499, 1973.

*W.J. de Greef, R.V.W. van Eyk, R.A. Demel, and L.L.M. van Deenen.

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CONTAGIOUS ECTHYMA OF SHEEP

OSINGA, A.

De behandeling van ecthyma bij schapen.

[Treatment of ecthyma in sheep.]

English summary.

Tijdschr. Diergeneeskd. 98(6):294-297, 1973.

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ROMERO-MERCADO, C.H., and others.*

Virus particles and antigens in experimental orf scabs.

Arch. Gesamte Virusforsch. 40(1-2):152-158, 1973.

*E.A. McPherson, A.H. Laing, J.B. Lawson, and G.R. Scott.

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ROMERO-MERCADO, C.H., and others.*

Virus particles and antigens in natural orf.

Brief report.

Arch. Gesamte Virusforsch. 40(1-2):159-160, 1973.

*E.A. McPherson, A.H. Laing, J.B. Lawson, and G.R. Scott.

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EAST COAST FEVER

BLEWETT, D.A., and BRANAGAN, D.

The demonstration of Theileria parva infection in intact Rhipicephalus appendiculatus salivary glands.

Trop. Anim. Health Prod. 5(1):27-34, 1973.

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SHANNON, D.

The mortality rate in East Coast fever.

Vet. Rec. 92(8):213, 1973.

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FOOT-AND-MOUTH DISEASE

AFZAL, H.

A study on the appearance and disappearance of foot-and-mouth disease type 'O' in synovial fluid and brain tissues of experimentally infected buffalo-calves.

Pak. J. Sci. 23(5/6):274-278, 1971.

Vet. Bull. 43(3):125(1058), 1973.

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Milk code of practice: foot-and-mouth disease.

Milk Ind. 71(4):33, 36-37, 1972.

Bibliogr. Agric. 37(2):53(013552), 1973.

PIL &
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1910

The following is a list of the books
 which have been added to the library
 during the year 1910.

ALPHABETICALLY

Adams, J. W. The history of the
 United States from 1789 to 1899.
 Boston, 1899.
 Adams, J. W. The history of the
 United States from 1800 to 1899.
 Boston, 1899.
 Adams, J. W. The history of the
 United States from 1800 to 1899.
 Boston, 1899.

BY AUTHOR

Adams, J. W. The history of the
 United States from 1789 to 1899.
 Boston, 1899.
 Adams, J. W. The history of the
 United States from 1800 to 1899.
 Boston, 1899.

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Adams, J. W. The history of the
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 United States from 1789 to 1899.
 Boston, 1899.
 Adams, J. W. The history of the
 United States from 1800 to 1899.
 Boston, 1899.

Admitted to the library

of the University of Michigan

AUSTRALIA. COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
RESEARCH ORGANISATION.

Foot-and-mouth disease vaccine.

Patent No.: AU 421 060; Publication
date: 24.2.72.

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1581, 4-20-73.

REF.

BEER, J.

Neue Wege der Immunprophylaxe bei Virustierseuchen.

[New trends of immunoprophylaxis for epidemic
virus diseases of animals.]

English summary.

Monatsh. Veterinärmed. 28(4):156-160, 1973.

PIL

BOSHKOV, J., and PEIKOW, G.

Veterinärmedizinische Probleme bei der Betreuung
der Tierzucht Komplexe in der VR Bulgarien.

[Veterinary problems in attending animal
husbandry complexes in the People's Republic
of Bulgaria.]

English summary.

Monatsh. Veterinärmed. 28(4):140-144, 1973.

PIL

BRASIL. MINISTERIO DA AGRICULTURA.

Projecto de combata a febre aftosa. Stage 1
1969/72. Regiao leste.

SPL:Janeiro, 210 pp., 1970.

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1532, 2-16-73.

REF.

BROOKSBY, J.B.

Notes on swine vesicular disease.

Mimeogr. copy, Addendum: AGA:EUFMD/20/73/2, 8 p., 1973. #6287/2a

FELKAI, V.

Egyes fertőtlenítoszerek hatásossága a száj-es
körömfajás vírusával szemben. [Efficiency
of certain disinfectants against the virus
of the foot-and-mouth disease.]

Magy. Allatorv. Lapja 27(11):621-626, 1972
(Hung., with Engl. summ.).

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1537, 2-16-73.

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Abstr. in: Foot and Mouth Dis. Bull. (Wellcome Res.
Labs., Kent) 12(4):55(73/69), 1973.

SF 793 W4

GINANNI, C., and MAGLIONE, E.

Contribution to the study of early anaphylactic
reactions following the antiaphthic
vaccination of cattle.

Atti Soc. Ital. Buitria 4:162-171, 1972
(Ital., with Engl. summ.).

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1561, 3-2-73.

REF.

MEMORANDUM FOR THE DIRECTOR

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GREAT BRITAIN. MINISTRY OF AGRICULTURE,
FISHERIES AND FOOD.

Swine vesicular disease.

Vet. Rec. 92(9):234-235, 1973.

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KUCSERA, G.

Active immunisation of pigs against foot-and-mouth disease.

Allatgyogy. Oltoany. Int. Evk., p. 168-185,
1968-1972 (Hung., with Engl. summ.).

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1540, 2-16-73.

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KUCSERA, G.

On the judgement of eventual feverish reaction
after challenge of immunised cattle for the
control of foot-and-mouth disease vaccine.

Allatgyogy. Oltoany. Int. Evk., p. 186-195,
1968-1972 (Hung., with Engl. summ.).

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1541, 2-16-73.

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LORENZ, R.J., and STRAUB, O.C.

Statistische Erhebungen über Impfschäden nach der
Maul- und-Klauenseuche-Schutzimpfung im Jahr
1970. [Statistical evaluation of allergic
reactions following vaccinations against
foot-and-mouth disease in 1970.]

English abstract.

Zentralbl. Bakteriол., Parasitenkd., Infektionskr.
Hyg., Erste Abt. Orig.-Reihe A Med. Mikrobiol.
Parasitol. 223(1):1-14, 1973.

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McLAREN, C., and POTTER, C.W.

The relationship between interferon and virus
virulence in influenza virus infections
of the mouse.

J. Med. Microbiol. 6(1):21-32, 1973.

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MARTIN, J.T.

Potential vectors of foot-and-mouth disease.

N. Z. J. Agric. 125(6):18-23, 1972.

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1588, 4-20-73.

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MERIEUX INSTITUT, (S.A.).

Production of foot-and-mouth disease vaccines.

Patent No.: PK 122 333; Publication
date 4.2.72.

Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus
Res. Inst., Pirbright), No. 1583, 4-20-73.

REF.

PHYSICS DEPARTMENT

PHYSICS 311

LECTURE 10: ELECTROSTATICS

1. Gauss's Law

2. Electric Potential

3. Capacitors

4. Energy in Electrostatics

5. Dielectrics

MEXICO-U.S. COMMISSION PREVENTION FMD.

Estudio de la vacuna contra la fiebre aftosa y observaciones relacionadas, en Mexico, en 1946-1954. [Studies of foot-and-mouth disease, vaccine, and related observations, in Mexico, 1946-1954.] Mexico, Centro Regional de Ayuda Tecnica, Agencia para el Desarrollo Internacional (A.I.D.), iv, 114 p., illus., 1972.
Spanish, p. 1-55; English, p. 57-114.

#8711

MEYER, N.L.

Future Pan-American Highway link points up growing need for foot-and-mouth controls.
Foreign Agric. (Wash., D.C.) 11(15):10, 12, 1973.

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MIHAJLOVIC, S.

Pojava sliavke i sapa prouzrokovana egzoticnim virusom A22 u grckoj i turskoj i preduzimanje mera za sprečavanje unosenja ove zaraze u Jugoslaviju. [Outbreak of foot and mouth disease in Greece and Turkey due to virus type A22 and measures to prevent the spread of infection into Yugoslavia.]
Vet. Glas. 26(7):489-491, 1972 (Serb.-Croat., engl., russ.).
Index Vet. 41(3):101, 1973.

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POPOVIC, M., and others.*

Prilog poznavanju duzine imuniteta u vakcinisanih i revakcinisanih svinja protiv sliavke i sapa.
[Duration of immunity in pigs inoculated once or twice with foot and mouth disease vaccine.]
Vet. Glas. 26(9):651-656, 1972 (Serb.-Croat., engl., russ.).
Index Vet. 41(3):106, 1973.
Abstr. in Vet. Bull. 43(4):188(1525), 1973.
*D. Panjevic, T. Dujin, M. Arsenijevic, and S. Savin.

PIL

POVEY, R.C., WARDLEY, R.C., and JESSEN, H.

Feline picornavirus infection: the in vivo carrier state.
Vet. Rec. 92(9):224-229, 1973.

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PRISTON, R.A.J.

A study of the biological and physical properties of some induced mutants of foot-and-mouth disease virus.
--Thesis, Ph.D., Univ. Lond., Lond. Sch. Hyg. Trop. Med., p., 1972.
Cited in: Foot-and-Mouth Dis. Ref. (Anim. Virus Res. Inst., Pirbright), No. 1572, 3-2-73.

REF.

The first part of the book is devoted to a general survey of the history of the world from the beginning of time to the present day. It is divided into three main periods: the prehistoric period, the classical period, and the modern period. Each period is further subdivided into smaller units, such as centuries or decades, to provide a more detailed account of the events that shaped the world.

The second part of the book is devoted to a detailed study of the various civilizations that have flourished throughout history. It covers the ancient civilizations of the East, the classical civilizations of the West, and the medieval and modern civilizations of Europe and America.

The third part of the book is devoted to a study of the various religions and philosophies that have influenced human thought and behavior. It covers the major world religions, such as Hinduism, Buddhism, Christianity, and Islam, and the various philosophical schools that have shaped the intellectual landscape of the world.

The fourth part of the book is devoted to a study of the various scientific discoveries and technological innovations that have transformed the world. It covers the history of science from the ancient Greeks to the modern era, and the various technological advances that have improved the human condition.

The fifth part of the book is devoted to a study of the various social and political movements that have shaped the modern world. It covers the history of the various social and political movements, such as the Renaissance, the Enlightenment, and the Industrial Revolution.

The sixth part of the book is devoted to a study of the various cultural movements and artistic achievements that have enriched the human experience. It covers the history of the various cultural movements, such as the Renaissance, the Baroque, and the Romanticism.

The seventh part of the book is devoted to a study of the various international relations and conflicts that have shaped the modern world. It covers the history of the various international relations and conflicts, such as the World Wars and the Cold War.

RIEDEL, G.

Anforderungen an Gesundheit und Leistung des Tiermaterials für die industriemässige Tierproduktion beim Schwein. [Demands on health and performance of animals for industrialised livestock farming patterns of pigs.] English summary.

Monatsh. Veterinärmed. 28(4):144-148, 1973.

PIL

RON, N., PELEG, B.A., and TRAININ, Z.

Neutralizing activity of bovine foetal sera against foot and mouth disease virus.

Refu. Vet. 29(4):146-153, 1972.

PIL

SELLERS, R.F., and FORMAN, A.J.

The Hampshire epidemic of foot-and-mouth disease, 1967. J. Hyg. (Camb.) 71(1):15-34, 1973.

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VOLKMANN, H.

Zum Einfluss der Maul- und Klauenseucheschutzimpfung auf die Zusammensetzung der Milchserumproteine unter Berücksichtigung verschiedener Impfstoffe. [Effect of vaccination against foot and mouth disease on the protein composition of milk with reference to different vaccines.]

Inaug. Diss., Tierärztl. Hochsch., Hannover, 57 p., 1970 (Ger.).

Index Vet. 41(3):119, 1973.

PIL

WISNIEWSKI, J., and JANKOWSKA, J.

Effect of passive immunity of calves, acquired by colostrum, on the results of vaccination against foot-and-mouth disease.

Bull. Vet. Inst. Pulawy 16:46-50, 1972 (Pol.).

Foot-and-Mouth Dis. Ref. (Anim. Virus Res. Inst., Pirbright), No. 1549, 2-16-73.

REF.

FCWL PLAGUE

BEARD, C.W., and EASTERDAY, B.C.

A/Turkey/Oregon/71, an avirulent influenza isolate with the hemagglutinin of fowl plague virus.

Avian Dis. 17(1):173-181, 1973.

PIL

BEARE, A.S., SCHILD, G.C., and HALL, T.S.

Experimental infection of human volunteers with a swine influenzavirus antigenically related to the human A/Hong Kong/68 virus.

Bull. W.H.O. 47(4):493-495, 1972.

PIL

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
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