

AD-A041 071

ARMY MEDICAL RESEARCH INST OF INFECTIOUS DISEASES FR--ETC F/G 2/5
BIBLIOGRAPHY ON VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE). SUPP--ETC(U)
MAY 77 P W SUMMERS

UNCLASSIFIED

| OF |

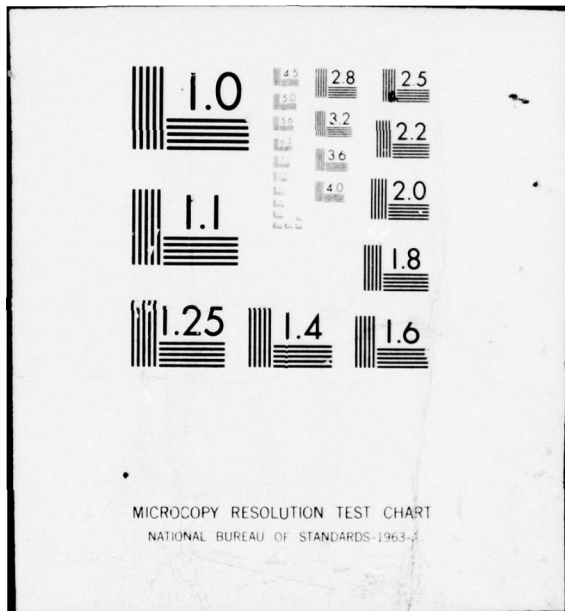
AD
A041 071



NL

END

DATE
FILMED
7-77



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

ADA 041071

AD

BIBLIOGRAPHY
ON
VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE)

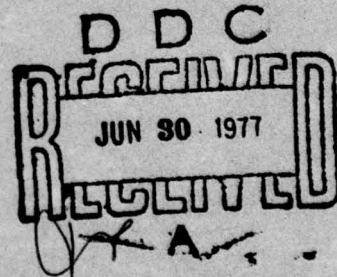
SUPPLEMENT 5

1068-1194

1 May 1977

Prepared by
Phebe W. Summers

U. S. ARMY MEDICAL RESEARCH
INSTITUTE OF INFECTIOUS DISEASES
FREDERICK, MARYLAND 21701



Approved for public release; distribution unlimited.

AD No. _____
DDC FILE COPY

BIBLIOGRAPHY
ON
VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE)

SUPPLEMENT 5

1068-1194

1 May 1977

Prepared by
Phebe W. Summers

U. S. ARMY MEDICAL RESEARCH
INSTITUTE OF INFECTIOUS DISEASES
FREDERICK, MARYLAND 21701

Approved for public release; distribution unlimited.

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) BIBLIOGRAPHY ON VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE), SUPPLEMENT 5, 1068-1194.		5. TYPE OF REPORT & PERIOD COVERED
7. AUTHOR(s) PHEBE W./SUMMERS		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS U.S. Army Medical Research Institute of Infectious Diseases Fort Detrick, Frederick, Maryland 21701		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS U.S. Army Medical Research and Development Command, Office of The Surgeon General, Department of the Army, Washington, DC 20314		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS 62776A 3M766276A841
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 1 May 1977
13. NUMBER OF PAGES 33		15. SECURITY CLASS. (of this report) UNCLASSIFIED
15a. DECLASSIFICATION/DOWNGRADING SCHEDULE NA		
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Venezuelan equine encephalomyelitis Virus diseases Epizootic Equidae Zoonoses		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) One hundred twenty-seven confirmed references are listed on the subject of Venezuelan equine encephalomyelitis, bring the total to 1194.		

FOREWORD

Supplement 5 continues the listing of confirmed references on VEE shown in the original listing dated 15 February 1972 (AD 738 795) and Supplements, 1 dated 1 September 1972 (AD 749 259), 2 dated 1 December 1973, 3 dated 1 March 1976, and 4 dated 1 December 1975 (AD A019093). Translation identification has been added where applicable.

Abstracts are now included and marked with ***. When known cross-referencing to the published full paper is included.

The Index (page 13) has been revised to include all previous and new references.

PHEBE W. SUMMERS
Microbiologist

1 May 1977

ADVISORY	
WFO	White Section <input checked="" type="checkbox"/>
DOC	Buff Section <input type="checkbox"/>
UNANNOUNCED <input type="checkbox"/>	
JUSTIFICATION	
BY	
DISTRIBUTION, APPROVAL, CHECKS	
Dist.	APPROV. AND SPECIAL
A	

BIBLIOGRAPHY
ON
VENEZUELAN EQUINE ENCEPHALOMYELITIS (VEE)

SUPPLEMENT 5

1 May 1977

1068. Agabalyan, A. S., E. T. Gasparyan, A. G. Galstyan, and M. G. Bostandzdyan. (Formation and antiviral activity of interferon induced by arboviruses in a chick fibroblast cell culture). Zh. Eksp. Klin. Med. 14:5:22-27, 1974. (Russian)
1069. Adler, W. H., and S. Rabinowitz. In vitro studies on the role of cell mediated immunity in host resistance to Venezuelan equine encephalomyelitis (VEE) viral infection in mice. Pediatr. Res. 6:4:382, 1972. See nos. 575 and 735. ***
1070. Ascher, M. S., and R. Edelman. Immunologic and clinical evaluation of an inactivated Venezuelan equine encephalomyelitis virus vaccine in man. Clin. Res. 25:3:371A, 1977. ***
1071. Barber, T. L., and N. M. Foster. Concentration, partial purification, inactivation and immunogenicity of Venezuelan equine encephalomyelitis virus. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1973, p. 254. ***
1072. Bigler, W. J. Venezuelan encephalitis antibody studies in certain Florida wildlife. Bull. Wildlife Dis. Assoc. 5:3:267-270, 1969.
1073. Bigler, W. J., E. Lassing, E. Buff, A. L. Lewis, and G. L. Hoff. Arbovirus surveillance in Florida: wild vertebrate studies 1965-1974. J. Wildlife Dis. 11:3:348-356, 1975.
1074. Bonilla, E., S. Ryder, and H. Hernandez. Venezuelan equine encephalomyelitis virus infection: effect on monoamine metabolism of mouse brain. J. Neurochem. 25:4:529-530, 1975.
1075. Bowen, G. S., and C. H. Calisher. Virological and serological studies of Venezuelan equine encephalomyelitis in humans. J. Clin. Microbiol. 4:1:22-27, 1976.
1076. Bowen, G. S., T. R. Fashinell, P. B. Dean, and M. B. Gregg. Clinical aspects of human Venezuelan equine encephalitis in Texas. PAHO Bull. 10:1:46-57, 1976.
1077. Buff, E. E., A. K. Ventura, W. J. Bigler, and N. J. Ehrenkranz. Venezuelan equine encephalitis (VEE) in Florida--epidemiologic studies of subclinical infection. Bacteriol. Proc. 1971, p. 175. See no. 914. ***

1078. Burke, D. S., and R. Edelman. The use of attenuated Venezuelan equine encephalomyelitis (VEE) vaccines in man: a review. *Arthropod-Borne Virus Information Exchange* 30:143-144, 1976.
1079. Calisher, C. H., and K. S. C. Maness. Laboratory studies of Venezuelan equine encephalitis virus in equines, Texas, 1971. *J. Clin. Microbiol.* 2:3:198-205, 1975.
1080. Chepulis, G.-K. S., and V. M. Zhdanov. (Further study of the phenomenon of the loss by mammals of natural resistance to infection with Newcastle disease virus). *Vop. Virusol.* 18:6:653-660, 1973.
1081. Cole, Jr., F. E., C. E. Pedersen, Jr., D. M. Robinson, and G. A. Eddy. Improved method for production of attenuated Venezuelan equine encephalomyelitis (TC-83 strain) vaccine. *J. Clin. Microbiol.* 3:4:460-462, 1976.
1082. Dickerman, R. W., and W. F. Scherer. Serologic survey for antibodies to VE virus in western and northcentral Mexico. *Bol. Of. San. Panam.* 70:6:550-556, 1971.
1083. Digoutte, J.-P. Rapport Annuel 1975. Institut Pasteur de la Guyane Francaise. Institut Pasteur de la Guyane, Cayenne, French Guyana. (includes a good deal on VEE).
1084. Dubes, G. R. Methods for transfecting cells with nucleic acids of animal viruses: a review. *Experientia (Suppl. 16)*, p. 29 (82 p.) Birkhauser Verlag, Basel, 1971.
1085. Eldridge, B. F., B. A. Schiefer, and W. G. Pearson. U. S. Army activities in the 1971 Venezuelan equine encephalitis outbreak in Mexico and Texas. *Calif. Mosq. Control Assoc. Proc. Papers* 40:5-8 (Jan/Feb) 1972.
1086. (Y)ershov, F. I., E. B. Tazulakhova, and A. S. Novokhatsky. The effect of combination of different inducers on the refractory state in interferon production. *Acta Virol.* 20:1:15-22, 1976.
1087. Esparza, J., and A. Sanchez. Multiplication of Venezuelan equine encephalitis (Mucambo) virus in cultured mosquito cells. *Arch. Virol.* 49:2-3:273-280, 1975.
1088. Esparza, J., C. I. Pina, and E. Novo. Photoinactivation of Venezuelan equine encephalitis virus mediated by tetracyclines. *Antimicrob. Agents Chemother.* 10:1:176-178, 1976.
1089. Ferguson, J. A., W. C. Reeves, and J. L. Hardy. Antibody studies in ponies vaccinated with Venezuelan equine encephalomyelitis (strain TC-83) and other alphavirus vaccines. *Am. J. Vet. Res.* 38:4:425-430, 1977.
1090. France, J. K., and D. W. Trent. Biochemical and antigenic characterization of the envelope glycoproteins of Venezuelan equine encephalitis virus strains. Abstracts of the Ann. Meeting - 1977, Am. Soc. Microbiol. p. 299, 1977.
- ***

1091. Gaitskhoki, V. S., F. I. Yershov, O. I. Kisselev, O. V. Zaitseva, V. M. Zhdanov, and S. A. Neifakh. On the synthesis of viral ribonucleic acids and ribonucleoproteins in the submitochondrial system completely free of interfering cytoplasmic contaminations. *Mol. Cell. Biochem.* 10:1:17-26, 1976.
1092. Galindo, P. Ecologia de los ciclos endemicos de los virus de la encefalitis equina Venezolana. *Rev. Vet. Venez.* 30:173:279-286, 1972. (Publication of no. 838).
1093. Gaskin, J. M., F. C. Neal, and H. L. Rubin. Equine antibody to bovine serum induced by several equine vaccines as a source of extraneous precipitin lines in the agar gel immunodiffusion test for equine infectious anemia. *Am. J. Vet. Res.* 38:3:373-377, 1977.
1094. Gorelkin, L., and P. B. Jahrling. Mechanisms of pancreatic involvement by Venezuelan equine encephalomyelitis (VEE) virus in the hamster. *Fed. Proc.* 33:3:605, 1974. See no. 842.
1095. Groot, H. Epidemiologia de la forma epizootica de la encefalitis equina Venezolana y su impacto sobre la economia y la salud de las naciones de las Americas. *Rev. Vet. Venez.* 30:173:299-310, 1971. (Publication of no. 845).
1096. Gruber, J. Inactivation of purified Venezuelan equine encephalitis virus by ionizing radiation. *Bacteriol. Proc.*-1970, p. 164. See no. 160.
1097. Guttman, D. The biting activity of black flies (Diptera: Simuliidae) in three types of habitats in western Colombia. *J. Med. Entomol.* 9: 5:269-276, 1972.
1098. de Haas, R. A., and W. C. Timmers. Infection rate of arboviruses in Dutch recruits returning from Surinam. *Trop. Geogr. Med.* 28:2:137-140, 1976.
1099. Hanson, R. P., and D. O. Trainer. Significance of changing ecology on the epidemiology of arboviruses in the United States. *U. S. Anim. Health Assoc., Proc.* 1969. 73:291-294, 1970.
1100. Harrington, D. G., C. L. Crabbs, D. E. Hilmas, J. R. Brown, and H. B. Levy. Inactivated Venezuelan encephalitis (VE) virus vaccine: enhanced immune response in monkeys with stabilized poly(I)·poly(C). *Abstracts Ann. Meeting - 1977*, p. 113.
1101. Harrison, A. K., and F. A. Murphy. Murine oncornavirus activation in the pancreas during infection with Venezuelan equine encephalitis virus. *J. Nat. Cancer Inst.* 55:4:917-923, 1975.
1102. Hayes, R. O., D. B. Francy, J. S. Lazuick, G. C. Smith, and R. H. Jones. Arbovirus surveillance in six states during 1972. *Am. J. Trop. Med. Hyg.* 25:3:463-476, 1976.

1103. Heard, C. D., D. E. Hilmas, and P. B. Jahrling. Vascular clearance of
*** Venezuelan equine encephalomyelitis viruses as a determinant of viru-
lence for rhesus monkeys. Abstr. Ann. Meeting, Am. Soc. Microbiol.,
1976, p. 260.
1104. Heydrick, F. P. Lipids of Venezuelan equine encephalomyelitis virus
and their relationship to the lipids of the host. Diss. Abstr. Part
B. Sci. Eng. 29:1:289, 1968. See no. 207.
1105. Hofmann, H. Die unspezifische Abwehr bei neurotrophen Arbovirus-infek-
tionen. (Nonspecific host defence of neurotropic arbovirus infections).
Zbl. Bakt. Hyg., I. Abt. Orig. A223:2:143-163, 1973. p. 155 only.
1106. Houston, W. E., C. E. Pedersen, Jr., F. E. Cole, Jr., and R. O.
*** Spertzel. Effects of antigen-antibody complexes on the primary immune
response in rhesus monkey. Abstr. Ann. Meeting, Am. Soc. Microbiol.
1974, p. 248. See no. 852.
1107. Houston, W. E., R. J. Kremer, C. L. Crabbs, and R. O. Spertzel. Altera-
*** tions in the primary immune response in rhesus monkeys immunized with
antibody complexes. Abstr. Ann. Meeting, Am. Soc. Microbiol., 1975,
p. 80. (See no. 1193)
1108. Houston, W. E., C. L. Crabbs, R. J. Kremer, and J. W. Springer. Adju-
vant effects of diethylaminoethyl-dextran. Infect. Immun. 13:6:1559-
1562, 1976.
1109. Houston, W. E., C. L. Crabbs, E. L. Stephen, and H. B. Levy. Modified
riboinosinic-polyribocytidylic acid, an immunological adjuvant. Infect.
Immun. 14:1:318-319, 1976.
1110. Hrusková, J., V. Rychterová, and V. Kliment. Influence of infection
*** with attenuated Venezuelan equine encephalomyelitis (VEE) virus on
antibody response of guinea pigs and mice to sheep red blood cells.
Folia Microbiol. 16:6:540, 1971. See nos. 514 and 515.
1111. Hughes, F., and C. E. Pedersen, Jr. Spin label probe of structure of
*** a group A arbovirus. Fed. Proc. 33:5:1543, 1974. See no. 993.
1112. Irvin, W., and J. Pepple. Viral induced anergy. Clin. Res. 20:1:
*** 47, 1972.
1113. Irvin, W. S., R. G. Sherry, J. Pepple, and C. P. Craig. Viral induced
*** anergy. Clin. Res. 20:3:510, 1972.
1114. Irvin, W. S., R. G. Sherry, and C. P. Craig. Correlation between in
*** vivo and in vitro tests for anergy induced by virus. Clin. Res. 18:
3:619, 1970.
1115. Jahrling, P. B., and L. Gorelkin. Selective clearance of a benign
clone of Venezuelan equine encephalitis virus from hamster plasma by
hepatic reticuloendothelial cells. J. Infect. Dis. 132:6:667-676, 1975.

1116. Jahrling, P. B. Chromatographic separation of Venezuelan and Western encephalitis virus subtypes. *Arthropod-Borne Virus Information Exchange* 30:137-140, 1976.
1117. Jahrling, P. B., E. Navarro, and W. F. Scherer. Interferon induction and sensitivity as correlates to virulence of Venezuelan encephalitis viruses for hamsters. *Arch. Virol.* 51:1:23-35, 1976.
1118. Johnson, A. D., J. F. Metzger, and G. A. Eddy. Growth characteristics *** of Venezuelan equine encephalitis virus (VEE) on an artificial capillary system. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1977, p. 300.
1119. Johnson, J. W. Growth of Venezuelan equine encephalitis virus in *** tissue cultures of minced *Aedes aegypti* pupae. *Bacteriol. Proc.* 1969. pp. 185-186. See no. 220.
1120. Johnson, K. M. Propiedades y patogenicidad de los virus de la encefalitis equina Venezolana. *Rev. Vet. Venez.* 30:173:287-293, 1971. (Publication of no. 859).
1121. Kastello, M. D. The rhesus monkey as a model for the study of infection. *** *Proc. Meeting 4th Internat. Congr. Primatol.* 1972, p. 40. See no 682.
1122. Kastello, M. D., C. G. McLeod, and A. T. McManus. Altered course of *** Venezuelan equine encephalomyelitis (VEE) infection in cyclophosphamide-treated rhesus monkeys. *Fed. Proc.* 32:3:1036, 1973.
1123. Kramer, L. D., and W. F. Scherer. Vector competence of mosquitoes as a marker to distinguish Central American and Mexican epizootic from enzootic strains of Venezuelan encephalitis virus. *Am. J. Trop. Med. Hyg.* 25:2:336-346, 1976.
1124. Kubes, V., and J. Armando Ruiz. Encefalomyelitis equine tipo Venezuela y pruebas de proteccion en ratones contra tres cepas EEV centroamericanas. *Rev. Fac. Med. Vet. Zootec.* 4:1:15-19, 1972.
1125. Kuehne, R. W., W.L. Pannier, and E. L. Stephen. Indirect mouse model for the evaluation of potential antiviral compounds: results with Venezuelan equine encephalomyelitis virus. *Antimicrob. Agents Chemother.* 11:4:683-687, 1977. ***An indirect mouse model for evaluating potential antiviral compounds. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1976, p. 5.
1126. Kuehne, R. W., W. L. Pannier, and E. L. Stephen. Evaluation of various analogues of tilorone hydrochloride against Venezuelan equine encephalitis virus in mice. *Antimicrob. Agents Chemother.* 11:1:92-97, 1977.
1127. Leblanc, P., W. F. Scherer, and D. H. Sussdorf. Thymus dependence *** of the response of the mouse to Venezuelan encephalitis virus infection. *Abstr. Ann. Meeting, Am. Soc. Microbiol.*, 1976. p. 85.

1128. Leon, C. A., R. Jaramillo, S. Martinez, F. Fernandez, H. Tellez, B. Lasso, and R. de Guzman. Sequelae of Venezuelan equine encephalitis in humans: a four year follow-up. *Int. J. Epidemiol.* 4:2:131-140, 1973.
1129. Levitt, N. H., W. T. London, S. G. Kent, and J. L. Sever. In utero
*** induction of cataracts and hydrocephalus in rhesus monkeys using Venezuelan equine encephalitis virus. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 226.
1130. Levitt, N. H., H. V. Miller, R. E. Edelman, and G. A. Eddy. Inter-
*** action of Venezuelan equine encephalomyelitis (VEE) vaccine virus with human peripheral leukocytes. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1977, p. 327.
1131. London, W. T., N. H. Levitt, S. G. Kent, and J. Sever. The teratogenic
*** effects of Venezuelan equine encephalitis virus in rhesus monkeys. *Teratology* 7:3:A-22, 1973.
1132. Luscri, B. J. Preparation, bioassay, and partial fractionation of an
*** efficient L cell interferon. *Bacteriol. Proc.* 1971, p. 213.
1133. Luscri, B. J. Several observations on the induction and bioassay of
*** interferon originating from human cell cultures. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 259.
1134. Luscri, B. J. Some aspects on the titration of the antiviral property
*** of interferons. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 259.
1135. Mackenzie, R. M., J. de Siger, and D. Parra V. Venezuelan equine
encephalitis virus: comparison of infectivity and virulence of strains V-38 and P676 in donkeys. *Am. J. Trop. Med. Hyg.* 25:3:494-499, 1976.
1136. Marker, S. C., and M. S. Ascher. Specific lymphocyte transformation
*** to Venezuelan equine encephalitis virus (VEE). Program, 14th Intersci. Conf., Antimicrobial Agents and Chemotherapy, 1974, No. 13. See no. 1137.
1137. Marker, S. C., and M. S. Ascher. Specific *in vitro* lymphocyte trans-
formation with Venezuelan equine encephalitis virus. *Cell. Immunol.* 23:1:32-38, 1976.
1138. Marker, S. C., and P. B. Jahrling. Correlation of *in vitro* adsorption
*** efficiency and pH-dependence with *in vivo* clearance and virulence of group A arboviruses. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1976, p. 210.
1139. Mayer, G. D., A. C. Hagan, and F. Bray. Preclinical experience with
*** Tilorone and related compounds against live Venezuelan equine encephalomyelitis vaccine. *Fed. Proc.* 32:3:704 abs, 1973.
1140. McManus, A. T., G. A. Eddy, and M. D. Kastello. Temporal appearance
*** of circulating virus, interferon and antibody in Venezuelan equine encephalomyelitis (VEE) infected rhesus monkeys. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1973, p. 226.

1141. Mills, K. W., M. G. Petit, L. H. Lauerman, and T. Walton. A method for bleeding vampire bats, Desmodus rotundus murinus. Lab. Anim. Sci. 26:3:507-508, 1976.
1142. Miryutova, T. L., and E. A. Peshkova. (Change of the activity of aldolase and lactate dehydrogenase in the cultural fluid of cells infected with pathogenic and attenuated variants of Venezuelan equine encephalitis virus). Vop. Virusol. 20:2:244-245, 1975. (Russian)
1143. Motyl, M. R., and W. F. Scherer. Growth and adsorption of virulent and benign strains of Venezuelan encephalitis virus in cultures of macrophages. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1977, p. 327. ***
1144. Naeve, C. W., and G. C. Parikh. A comparative analysis of the sequence of VEE and WEE virus RNA synthesis in Aedes albopictus tissue culture. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1973, p. 254. ***
1145. Naeve, C. W., T. C. Sorensen, S. A. Carlson, and A. Progulski. Computer assisted volume measurements in the detection of viral infected cells. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1974, p. 231. ***
1146. Nichols, J. B., W. J. Bigler, E. B. Lassing, and G. L. Hoff. An evaluation of military sentry dogs as a sentinel system to Everglades virus (Venezuelan equine encephalitis Fe3-7c strain). Mil. Med. 140:10:701-712, 1975.
1147. Novokhatsky, A. S., F. I. Ershov, A. L. Timkovsky, S. E. Bresler, E. M. Kogan, and N. S. Tikhomirova-Sidorova. Double-stranded complex of polyguanylic and polycytidylic acids and its antiviral activity in tissue culture. Acta Virol. 19:2:121-129, 1975.
1148. Novokhatsky, A. S., and F. I. Yershov. The dynamics of development of cell resistance to viruses induced by synthetic polynucleotides. Acta Virol. 20:1:23-30, 1976.
1149. Office International Epizootiques. Table ronde sur l'encephalomyelite Equine Venezuelienne. Bull. Off. Int. Epizootiol. 77:11-12:1595-1600, 1972.
1150. Omohundro, R. E. Meeting the challenge. In Proc. Foreign Animal Diseases Seminar, Jan 15-16, 1976. Emergency Programs, Veterinary Services, Animal and Plant Health Inspection Service, U.S.D.A., Hyattsville, Md. 1976, p. 93-97.
1151. Ordonez, J. V., W. F. Scherer, and R. W. Dickerman. Isolation of eastern encephalitis virus in Guatemala from sentinel hamsters exposed during 1968. Bol. Of. San. Panam. 70:4:371-375, 1971.
1152. Ordonez, J. V., W. F. Scherer, and R. W. Dickerman. Studies of possible movement of Venezuelan encephalitis virus from an enzootic focus in Guatemala during 1971-1974. Am. J. Trop. Med. Hyg. 25:1:163-172, 1976.

1153. Pancake, B. A., and W. F. Scherer. Use of chicken antisera in HI
*** tests to differentiate Central American and Mexican epizootic and
enzootic Venezuelan encephalitis viruses. Abstr. Ann. Meeting, Am.
Soc. Microbiol. 1973, p. 253.
1154. Pancake, B., Z. Harsanyi, and W. F. Scherer. Preliminary characteriza-
*** tion of temperature sensitive mutants of Venezuelan encephalitis virus.
Abstr. Ann. Meeting, Am. Soc. Microbiol. 1976. p. 245.
1155. Parker, M. D., C. D. Blair, and T. E. Walton. Isolation and charac-
*** terization of temperature sensitive mutants of Venezuelan equine
encephalomyelitis virus. Abstr. Ann. Meeting, Am. Soc. Microbiol.
1977, p. 319.
1156. Pedersen, Jr., C. E. Preparation and testing of vaccines prepared
from the envelopes of Venezuelan, Eastern, and Western equine encephalo-
myelitis viruses. J. Clin. Microbiol. 3:2:113-118, 1976.
1157. Pellacani, D. de G. and A. Soto Escalona. Encefalitis equina vengo-
lana. Estudio clinico y de laboratorio en pacientes pediatricos.
Invest. Clin. 14:4:145-158, 1973.
1158. Pepple, J., R. Sherry, and W. Irvin. New parameters and clue to
*** mechanism of viral induced anergy. Clin. Res. 19:3:672, 1971.
1159. Pollok, III, N. L. Mixed infections of Venezuelan equine encephalo-
myelitis and Q fever in Macaca mulatta monkeys. Technical Memorandum
28, U. S. Army Biological Laboratories, Fort Detrick, Frederick, Md.
December 1962.
1160. Proctor, R. A. Brain microtubular proteins following infection of
*** M. mulatta with Venezuelan equine encephalomyelitis virus. Clin. Res.
22:2:186A, 1974.
1161. Rabinowitz, S., and W. Adler, III. Host defenses during primary
*** Venezuelan equine encephalomyelitis virus infection in mice. Clin.
Res. 20:1:54, 20:3:535, 1972. See nos. 575, 735.
1162. Rabinowitz, S., and R. Proctor. In vitro study of the antiviral
*** activity of immune spleen cells in experimental Venezuelan equine
encephalomyelitis (VEE) infection in mice. Clin. Res. 21:3:609,
1973. See no. 892.
1163. Rabinowitz, S. G. Host immune responses after administration of inac-
tivated Venezuelan equine encephalomyelitis virus vaccines. I.
Description and characterization of adoptive transfer by immune spleen
cells. J. Infect. Dis. 134:1:30-38, 1976.
1164. Rabinowitz, S. G. Host immune responses after administration of inac-
tivated Venezuelan equine encephalomyelitis virus vaccines. II.
Kinetics of neutralizing antibody responses in donors and adoptively
immunized recipients. J. Infect. Dis. 134:1:39-47, 1976.

1165. Rayfield, E. J., P. B. Jahrling, L. Gorelkin, and R. T. Curnow. Virus-
*** induced diabetes mellitus: a new model. *Diabetes* 23:(Suppl. 1):345,
1974. See. no. 1166).
1166. Rayfield, E. J., L. Gorelkin, R. T. Curnow, and P. B. Jahrling. Virus-
induced pancreatic disease by Venezuelan encephalitis virus. Altera-
tions in glucose tolerance and insulin release. *Diabetes* 25:7:623-
631, 1976.
1167. Rayfield, E. J., and G. S. Bowen. The evaluation of Venezuelan encephali-
*** titis virus induced carbohydrate abnormalities in rhesus monkeys. *Clin.
Res.* 25:3:398A, 1977.
1168. Rodriquez, G. Morphological changes in the pancreas of the hamster
during Venezuelan equine encephalomyelitis (VEE) virus infection. *Patologia* 13:3:297-310, 1975.
1169. Scherer, W. F. Problemas y perspectivas para el control de las enferme-
dades humana y animal causadas por los virus de la encefalitis equina
Venezolana. *Rev. Vet. Venez.* 30:173:294-298, 1971. (Journal publica-
tion no. 905).
1170. Scherer, W. F., K. Anderson, B. A. Pancake, R. W. Dickerman, and J. V.
Ordonez. Search for epizootic-like Venezuelan encephalitis virus at
enzootic habitats in Guatemala during 1969-1971. *Am. J. Epidemiol.*
103:6:576-588, 1976.
1171. Scherer, W. F., J. Madalengoitia, W. Flores, and M. Acosta. The first
isolations of Eastern encephalitis, group C, and Guama group arbo-
viruses from the Peruvian Amazon region of western South America.
Bull. Pan Am. Health Org. 9:1:19-26, 1975.
1172. Scherer, W. F., J. V. Ordonez, R. W. Dickerman, and J. E. Navarro.
Search for persistent epizootic Venezuelan encephalitis virus in Guate-
mala, El Salvador and Nicaragua during 1970-1975. *Am. J. Epidemiol.*
104:1:60-73, 1976.
1173. Scherer, W. F., R. W. Dickerman, J. V. Ordonez, C. Seymour, III, L. D.
*** Kramer, P. B. Jahrling, and C. D. Powers. Ecologic studies of Vene-
zuelan encephalitis virus and isolations of Nepuyo and Patois viruses
during 1968-1973 at a marsh habitat near the epicenter of the 1969
outbreak in Guatemala. *Am. J. Trop. Med. Hyg.* 25:1:151-162, 1976.
1174. Schryer, R. F., M. E. Steichen, R. E. McGeorge, G. C. Parikh, and D.
*** L. Larson. Equine and migratory bird surveillance for WEE and VEE
viruses. *Abstr. Ann. Meeting, Am. Soc. Microbiol.* 1974, p. 268.
1175. Solianik, R. G., and Yu. V. Fedorov. (Variability of viruses of the
equine encephalomyelitis group under the effect of alkylating com-
pounds. 2. Genetic characteristics of mutants of Venezuelan and
eastern equine encephalomyelitis viruses induced by formadehyde and
N-nitrosomethylurea). *Rev. Roum. Virol.* 25:3:259-263, 1974. (Russian)

1176. Spertzel, R. O. Venezuelan equine encephalomyelitis (pesta loca, VEE). In Foreign Animal Diseases, Committee on Foreign Animal Diseases of the United States Animal Health Association, Richmond, Va. Revised 1975. p. 284-290.
1177. Stellmann, C., and J. Santucci. Le complexe des encephalomyelites equines Venezueliennes. Bull. Off. Int. Epizootiol. 75:11-12:1027-1097, 1971.
1178. Stephen, E. L., R. O. Spertzel, W. L. Pannier, and R. L. Mundy. Treatment of Venezuelan equine encephalomyelitis (VEE) in mice using various analogs of tilorone hydrochloride. Fed. Proc. 33:3:555, 1974. See no. 1123.
1179. Teruel de Lopez, E. and H. Hernandez. Efectos del pH y la concentracion ionica sobre la infecciosidad del virus de la encefalitis equina Venezolana. Invest. Clin. 16:3:114-120, 1975.
1180. Trevino, G. S. Role of the military in task force operations. In Proc. Foreign Animal Diseases Seminar, Jan 15-16, 1976, Emergency Programs, Veterinary Services, Animals and Plant Health Inspection Service, U.S.D.A., Hyattsville, Md. 1976, p. 97-99.
1181. Tsitsin, V. A., S. Ya. Gaidamovich, and V. S. Kokorev. (Factors determining the antigenic activity of tissue culture arbovirus diagnostic preparations.) Vop. Virusol. 20:2:206-209, 1975. (Russian)
1182. Ventura, A. K., N. J. Ehrenkranz, E. E. Buff, and W. J. Bigler. Epidemiologic studies of endemic Venezuelan equine encephalitis infection in Florida. Clin. Res. 20:1:84, 1972. See no. 813.
1183. Ventura, A. K., and N. J. Ehrenkranz. Detection of Venezuelan equine encephalitis virus in rural communities of southern Florida by exposure of sentinel hamsters. Am. J. Trop. Med. Hyg. 24:4:715-717, 1975.
1184. Vittoz, R. Le rôle des modifications de l'environnement dans l'évolution des maladies infectieuses des animaux considérées sous l'angle international. Bull. Off. Int. Epizootiol. 77:9-10:1495-1519, 1972.
1185. Wachter, R. F., J. F. Comer, and J. W. Johnson. Effect of EDTA on the infectivity of VEE virus. Bacteriol. Proc. 1970. p. 164-165.
1186. Wachter, R. F., J. W. Johnson, and J. F. Comer. Effect of salicylaldoxime and hydroxylamine on the infectivity of Venezuelan equine encephalitis virus. Abstr. Ann. Meeting, Am. Soc. Microbiol. 1972, p. 201.
1187. Walder, R. and F. Liprandi. Kinetics of heat inactivation of Venezuelan equine encephalomyelitis virus. Arch. Virol. 51:4:307-317, 1976.
1188. Walder, R., and O. M. Suarez. Studies of arboviruses in southwestern Venezuela: I. Isolations of Venezuelan and Eastern equine encephalitis viruses from sentinel hamsters in the Catatumbo region. Int. J. Epidemiol. 5:4:375-384, 1976.

1189. Walker, D. H., A. Harrison, K. Murphy, M. Flemister, and F. A. Murphy. Lymphoreticular and myeloid pathogenesis of Venezuelan equine encephalitis in hamsters. *Am. J. Pathol.* 84:2:351-370, 1976.
1190. Wannemacher, Jr., R. W., A. S. Klainer, R. E. Dinterman, and W. R. Beisel. The significance and mechanism of an increased serum phenylalanine-tyrosine ratio during infection. *Am. J. Clin. Nutr.* 29:9:997-1006, 1976.
1191. Watts, D. M., and B. F. Eldridge. Transovarial transmission of arboviruses by mosquitoes: a review. *Med. Biol. (Helsinki)* 53:5:271-278, 1975.
1192. Woodman, D. R., A. T. McManus, and G. A. Eddy. Extension of the mean time to death of mice with a lethal infection of Venezuelan equine encephalomyelitis virus by antithymocyte serum treatment. *Infect. Immun.* 12:5:1006-1011, 1975.
1193. Houston, W. E., R. J. Kremer, C. L. Crabbs, and R. O. Spertzel. Inactivated Venezuelan equine encephalomyelitis virus vaccine complexed with specific antibody: enhanced primary immune response and altered pattern of antibody class elicited. *J. Infect. Dis.* 135:4:600-610, 1977. (Publication of no. 1107)
1194. Scherer, W. F., and J. Chin. Responses of guinea pigs to infections with strains of Venezuelan encephalitis virus, and correlations with equine virulence. *Am. J. Trop. Med. Hyg.* 26:2:307-312, 1977.

Preceding Page BLANK - NOT FILMED

13

AUTHOR INDEX

Aaslestad, H. G.	574
Acha, P. N.	464
Acosta, M.	1039, 1171
Adames, A. J.	839
Adler, W. H.	575, 735, 924, 1069, 1161
Agabalyan, A. S.	465, 497, 576, 928, 1068
Agrba, V. Z.	138
Airhart, J. W.	1, 79, 354
Aitken, T. H. G.	2-6, 98, 101, 223-226, 396, 447, 577-580, 679
Akers, T. G.	804, 929
Alava A., A.	987
Albrecht, P.	466
Alekseeva, A. A.	7
Alevizatos, A. C.	8, 126
Alexander, T. M.	843
Alice, F. J.	9
Allen, R.	413
Allen, W. P.	38, 323, 834
Allison, A. C.	581
Allner, K.	989
Alva, S.	704
Alvarez, Jr., O.	567, 916
Alvarez Tostada, J.	995
Anastas'yan, S. N.	467
Andersen, A. A.	511
Anderson, C. R.	3, 90-92, 396
Anderson, K.	1038, 1170
Anderson, S. G.	379
de Andrade, A. H. P.	380, 889
Andrewes, C.	10
Anonymous	11, 12, 468-473, 582-586, 805-810, 930-935
Anslow, R. O.	139
Araujo, R.	587, 936
Arbelaez, N.	365
Arbiter, A.	182
Arenas, J. V.	961
Arkina, M. A.	1015
Armando-Ruiz, J.	1124
Arzube R., M.	987
Ascher, M. S.	1070, 1136, 1137
Ashley, R. F.	527
Austin, F. J.	13
Avilan Rovira, J.	14, 588-590, 733
Ayres, J. C.	15
Azevedo, M. C.	889
Baer, G. M.	485
Baez Flores, M.	820, 953
Bagust, T. J.	937
Baker, G. J.	767
Banks, I. S.	26, 288

Baquerizo A., L.	16-19
Barber, T. L.	698, 858, 996, 1071
Barkley, W. E.	919
Barretto, P.	20, 366, 747
Barry, C.	28
Barry, D. W.	824
Bartelloni, P. J.	326
Bartlema, H. C.	938
Bass, J. W.	423
Bast, T. F.	875
Batalla, D.	698
Batter-Hatton, D.	927
Baumann, G.	939
Beadle, L. D.	1047
Beck, C. E.	21
Beisel, W. R.	326, 376, 1190
Behymer, D. E.	1056
Beketova, Z. P.	940
Belem Virus Lab.	591
Bellett, A. J. D.	941
Benavides, G.	636
Benavides, L.	393
Benenson, A. S.	22
Bensabath, G.	889
Berdjis, C. C.	23, 24
Berendt, R. F.	25, 474, 475
Berezina, O. N.	967
Berge, T. O.	23, 26, 27, 147, 148, 151, 283, 418, 422, 423, 592
Bergold, G. H.	375, 409, 476, 593-595, 662, 715
Bernal-Cupides, E. C.	336
Bessudo M., D.	811
Beveridge, W. I. B.	581
Bigler, W. J.	310, 596, 812-814, 942, 1072, 1073, 1077, 1146, 1182
Bikbulatov, R. M.	1018
Birrell, D.	509
Bivin, W. S.	28
Bjornson, B. F.	29
Black, F. L.	311
Blackford, V. L.	297
Blair, C. D.	1155
Bonacorsa, C. M.	633, 960
Bonilla, E.	943, 1074
Borghans, J. G. A.	95
Borman, E. K.	125
Bornstein, S.	944
Borunda Falcon, O.	945
Bose, H. R.	597
Bostandzyan, M. G.	1068
Bostian, K. A.	326
Bourke, A. T. C.	202
Bowen, G. S.	598, 874, 1048, 1075, 1076, 1167
Bowersox, Jr., O. C.	198
Bowne, J.	533

Bradish, C. J.	989, 1059
Braga Dias, L.	587, 936
Brand, O. A.	43, 74, 76
Brandt, W. E.	899
Brautigam, F. E.	566
Braverman, Y.	946
Brawner, T. A.	599
Bray, F.	1139
Bresler, S. E.	1147
Briceno-Rossi, A. L.	30-34
Brooke, C. C.	415
Brown, A.	35-38, 179, 180, 187, 192, 282, 289, 323, 454, 455
Brown, D. G.	477, 947
Brown, J. R.	991, 1044, 1100
Bruno-Lobo, G. G.	39, 428
Bruno-Lobo, M.	39, 428
Bryan, J. A.	708
Bryans, J. T.	478, 600
Buckler, J. A.	948
Buckley, S. M.	270, 601, 824
Buckwalter, R. M.	567, 916
Buescher, E. L.	42, 43, 177
Buff, E. E.	105, 556, 815, 914, 1073, 1077, 1182
Buitrago, B.	898
Bukrinskaya, A. G.	461, 949
Burghen, G. A.	326
Burguete, J.	950
Burke, D. S.	1078
Byer, M. A.	92
Bykovsky, A. F. (Bykovskii)	40, 41, 433, 435, 832
Byrne, R. J.	42, 43, 602, 603
Calia, F. M.	326
Calisher, C. H.	485, 604, 696, 816, 817, 874, 951, 952, 1047, 1049, 1066, 1075, 1079
Callis, J. J.	818
Campbell, C. L.	605, 606, 819
Campbell, Jr., W. E.	355
Campillo-Sainz, C.	44-47, 88, 546, 753, 995
Canseco Gonzalez, C.	820, 953
Carbrey, E. A.	831
Cardiff, R. D.	899
Carlson, S. A.	1140
Carneiro, V.	48
Carpio, V.	49
Casals, J.	50, 51, 71, 125, 136, 286, 287, 479, 601, 607, 608, 821-824, 1008
Castillo, C. E.	52, 53, 609
Causey, C. E.	54, 57, 59, 278
Causey, O. R.	54-59, 380
Center for Disease Control	60-65, 480-483, 610-612, 825
Chamberlain, R. W.	66-70, 239, 240, 244, 613-616, 987

Chaniotis, B. N.	1010
Chappell, W. A.	200, 410, 532
Cheban, D. S.	699
Chepulis, G. K. S.	484, 561, 1080
Chernetsov, Yu. V	433
Chia, C. W. (see Wong-Chia)	
Chin, J.	1194
Ciaccio, G.	953
Clarke, D. H.	71, 270
Cockburn, W. C.	581
Coghill, K.	954
Cole, Jr., F. E.	72, 535, 617, 618, 826, 852, 963, 1081, 1104
Cole, G. A.	308
Coleman, P. H.	69, 70
Colon, J. E.	73-76
Comer, J. F.	207, 1185, 1186
Committee, Tissue Culture Virus/Vaccines	77
Conferencia Internacional sobre Vacunas contra las Encefalitis equinas	955
Cooke, K. O.	165
Cornejo Ubiliuz, J.	704
Coronel Salmon, A.	78
Correa-Giron, P.	485
Corristan, E. C.	28, 85, 228
Costlow, R. D.	76, 312
Cowen, W. F.	619
Cox, H. R.	253
Crabbs, C. L.	766, 991, 1100, 1107-1109, 1193
Craig, C. P.	1, 79, 212, 354, 407, 1113, 1114
Cree, L. M.	205
Crenshaw, G. L.	917
Crosby, W. H.	423
Crozier, D.	283, 620
Cruz Ayala, U.	80
Cunha, R.	48
Curnen, E. C.	50
Curnow, R. T.	1165, 1166
Dahlgren, C. M.	81, 82
Dalgarno, L.	956
Dalrymple, J. M.	621, 899
Dammin, G. J.	221
Danes, L.	83, 213-216, 486, 622-624, 857
Dangerfield, H. G.	423
Dardiri, A. H.	818
Davies, J. E.	84
Davey, M. W.	956
Davis, J. B.	625
Davis, III, J. L.	601
Davis, M. H.	85, 874
Dawson, F. W.	86, 191

Dean, P. B.	883, 1066, 1076
De Goes, P.	127
del Aguila B., C.	526
DeLay, P. D.	827
de Mucha Macias, J.	87, 88, 295, 487-490, 493, 626, 627, 753
de Rodaniche, E.	140
Decker, H. M.	81, 82
Delpeche, K. A.	92, 94
Dendy, E.	856
Derkach, Yu. S.	434, 491, 560, 561
DeRubertis, F. R.	957
Diamante, A.	520, 525
Diaz Najera, A.	370, 492, 544, 958
Dickerman, R. W.	143, 370, 371, 492, 493, 543-547, 569, 628- 634, 753, 754, 767, 828, 959, 960, 1025, 1082, 1151, 1152, 1170, 1172, 1173
Dikiy, V. V.	1026
Diebel, R.	875
Digoutte, J.-P.	1083
Dikiy, V. V.	1026
Dill, Jr., G. S.	635
Dinterman, R. E.	1190
Divo, A.	636, 961
Dominguez, A.	637
Donaldson, A. W.	89
Dorsey, E. L.	25, 474, 475
Dougherty, S. F.	212
Downs, W. G.	4, 6, 90-101, 223-226, 396, 397, 421, 422, 477, 638, 912
Downie, A. W.	972
Dozier, S. M.	102
Drynov, I. D.	962, 966
Dubes, G. R.	1084
Dubnyakova, N. M.	7
Dubovi, E. J.	804
Duenas, A.	364
Duran Vidaurri, M.	393
Earley, E.	103
East, J.	581
Eddy, G. A.	494, 529, 639, 640, 826, 829, 856, 869, 885, 887, 888, 963, 1006, 1013, 1023, 1081, 1118, 1130, 1140, 1192
Edelman, R.	1070, 1078, 1130
Ehrenkranz, N. J.	84, 105, 641, 813, 830, 914, 1077, 1182, 1183
Ehrlich, R.	106, 107, 495
Eldridge, B. F.	642, 643, 909, 1045, 1085, 1191
Eliason, D. A.	512
Elisberg, B. L.	104
Elliston, N. G.	901

Ellsworth, C. A.	373
Elsner, V.	38
Emelyanov, B. A.	644, 954
Engel, L. L.	341
Erickson, G. A.	831, 965
Ermol'eva, Z. V.	113
Ershov (Yershov), F. I.	40, 41, 108-122, 245, 246, 314, 315, 317-321, 433-435, 456-462, 465, 496, 497, 502, 517, 560, 561, 570, 571, 573, 576, 726, 727, 778, 797, 832, 863, 865, 878, 907, 911, 926, 966-969, 1017, 1019, 1020, 1051, 1052, 1065, 1086, 1091, 1147, 1148
Escalona, A. S. (See Soto Escalona)	
Esparza, J.	1087, 1088
Espriella, C.	970
Essex, M. E.	634
Esteves, M. B.	124
Eugster, A. K.	971
Evans, A. S.	125
Fairchild, G. B.	642, 769
Fashinell, T. R.	1076
Faulkner, R. T.	991
Fedorov, Yu. V.	549, 550, 1175
Federova, Y. V.	1043
Feemster, R. F.	15
Feigin, R. D.	8, 126
Fenner, F.	833, 972
Fereira V., H.	772
Ferguson, J. A.	917, 1089
Fernandez, F.	1128
Fernandez Z., L.	1049
Ferrell, J. F.	85
Ferrer, J. A.	566
Ferris, D. H.	818
Fevver, F.	941
Figueroa, L.	551
Figueroa, M. E.	645
Fine, D. L.	834
Finol, L. T.	123, 742, 743
Fiser, R. H.	738
Fleming, P.	835
Flemister, M.	1189
Fletcher, O. K.	1001
Flores, W.	601, 1008, 1171
Florey, C. du V.	127
Fomina, A. N.	690, 1005
Fontanges, R.	938
Fossaert, C. H.	646, 647, 662
Foster, N. M.	698, 1071
Fraenkel-Conrat, H.	973
Fraiha, H.	889
Franck, P. T.	128, 129, 498, 648, 649

France, J. K.	1090
Francy, D. B.	988, 1102
Frank, W.	23, 423
Franty, C. E.	1056
French, G. R.	43, 130
Fuentes, L. G.	650, 836
Gaidamovich (Gaydamovich), S. Ya.	131-138, 277, 285, 381, 499-501, 837, 974, 975, 1181
Gaitskhokhi, V. S.	121, 502, 863, 926, 968, 1091
Gajdusek, D. C.	139
Galakhar, N. L.	976
Galegov, G. A.	277, 690, 1005, 1026
Galindo, P.	140, 141, 154, 328, 404, 405, 503, 508, 651-653, 664, 838, 839, 1045, 1092
Gallia, F.	142, 504, 521, 524
Gallo, P.	654-657
Galstyan, A. G.	1068
Galun, R.	946
Galvez G., O. E.	538
Ganan, D.	80
Gapochko, K. G.	505
Garcia-Tamayo, J.	506, 658, 840, 977-979, 1034
Garin, N. S.	505
Garman, J. L.	143
Gaskin-de Pellacani, D.	980
Gaskin, J. M.	1093
Gasparyan, E. T.	1068
Gauld, L. W.	450
Gavrilov, V. I.	381, 1057
Gebhardt, L. P.	382
Geiger, R.	370
Geiser, D. R.	948
Gerasimova, S. S.	659
Gerhardt, R. R.	643, 1045
Gheorghiu, V. N.	817
Gibbs, A. J.	941
Gil, R. S.	52
Gillespie, J. R.	901
Gillette, R.	144
Gilyard, R. T.	145, 146, 507
Gleiser, C. A.	23, 27, 147-149, 151, 284, 297
Global Epidemiology Working Group	150
Gochenour, Jr., W. S.	23, 27, 43, 81, 147, 148, 151, 184, 257-259, 367, 660
Godoy V., M	981
Gofman, Y. P.	245, 246
Goldsmith, R. S.	661
Golubkov, V. I.	968
Gomez N., J. C.	662
Gonzales, E.	546
Gonzalez Carbajal, E.	995

Gonzalez Marquez, L. A.	476
Gonzalez, R.	982
Goodman, H. C.	581
Gorelkin, L.	841, 842, 983, 1094, 1115, 1165, 1166
Gorgas Memorial Laboratory (Institute)	152, 153, 984, 985
Gould, J. R.	768
Grant, D. P.	463, 927
Grant, L. S.	93, 398
Grayson, M. A.	140, 141, 154, 508, 663, 664
Green, L.	348, 349
Green, R. J.	843
Gregg, M. B.	665, 708, 1076
Grigoryan, S. S.	320, 321, 907, 1016, 1017
Grimes, J. E.	848, 986
Groot, H.	155-158, 363, 666-669, 844, 845, 1095
Gruber, J.	159, 160, 408, 509, 1096
Grueter, H. P.	901
Gushchin (Gutshin), B. V.	161, 162, 432, 509, 558, 559, 777, 846, 1053
Gutierrez Vera, E.	670, 747, 847, 952, 987
Guttman, D.	1097
de Guzman, R.	1128
Guzman Lopez, R.	163, 164
de Haas, R. A.	1098
Habluetzel, J. E.	848
Hagan, A. C.	1139
Hahon, N.	165-171
Halle, S.	172
Hammon, W. McD.	173-177
Hankins, W. A.	671
Hannoun, C.	672
Hanson, R. P.	177, 425, 1001, 1099
Hardy, F. M.	178-182, 192
Hardy, J. L.	755, 1089
Harper, G. J.	183
Harrington, D. G.	1100
Harrison, A. K.	713, 1101, 1189
Harsanyi, Z.	1154
Harstad, J. B.	81, 82
Hartman, H. A.	184
Hatch, R. C.	184
Hayes, R. O.	185, 510, 988, 1102
Hayes, S. A.	186
Heard, C. D.	1103
Hearn, Jr., H. J.	86, 181, 187-199, 206, 208, 391, 429-431, 474, 475, 511, 671, 989
Heckly, R. J.	990
Hejl, J. M.	673
Hellman, A.	919
Henderson, B. E.	200, 208, 412, 532
Henderson, J. R.	127, 201-203, 229, 311

Henson, J. B.	868
Hernandez, H.	1074, 1179
Heydrick, F. P.	204-207, 619, 849, 1104
Hill, E. F.	512
Hilmas, D. E.	991, 992, 1044, 1100, 1103
Hinman, A. R.	208
Hoff, G. L.	674, 1073, 1146
Hoffman, E. J.	323
Hoffman, R. K.	86
Hofmann, H.	1105
Hoggan, M. E.	288
Hogge, Jr., A. L.	28, 85, 417
Holden, P.	185, 510
Horwitz, A.	675
Horzinek, M.	209-211, 850, 851
Hourrigan, J. L.	1003
Houston, W. E.	852, 991, 1106-1109, 1193
Howard, A. T.	853
Howard, R. J.	212
Howie, D. L.	24, 423
Hruskova, J.	83, 213-216, 486, 513-515, 622-624, 1110
Hubbard, H. B.	464
Hubbell, E. J.	139, 296
Hughes, F.	993, 1111
Hunt, R. D.	906
Hurlbut, H. S.	217
Hutchinson, L. R.	854
Huth, F.	587, 936
Hyde, J. L.	818
Idoine, J. B.	73-76
Idrisova, Z. V.	690, 1005
Irons, J. V.	218
Irvin, W. S.	1112-1114, 1158
Ising, E.	564
Ivanovsky, D. I.	571
Jaeger, R. F.	126
Jahrling, P. B.	547, 676, 800-802, 842, 855, 856, 983, 994, 1093, 1103, 1115-1117, 1138, 1165, 1161, 1173
Jameson, P.	199
Jaramillo, R.	1128
Jelinkova, A.	214, 215, 857
Jenson, A. B.	337
Jimenez Cantu, J.	995
Jochim, M. M.	858, 917, 996
Johnson, A. D.	1118
Johnson, H. N.	219
Johnson, J. W.	220, 516, 1120, 1185, 1186
Johnson, K. M.	103, 128, 129, 221, 406, 448-450, 494, 498, 529, 565-567, 639, 677, 678, 788, 829, 859, 860, 915, 916, 997, 1120

Johnson, R. T.	222
Johnston, Jr., J. G.	70, 200, 1047, 1048
Joklik, W. K.	972
Jones, R. H.	998, 1102
Jones, T. C.	906
Jonkers, A. H.	4, 6, 101, 223-227, 230, 398, 679, 680
Jordan, E. K.	543
Jordan, G. W.	681
Joubert, L.	999
Kagan, R. Ya.	517
Kahn, D. E.	401
Kappus, K. D.	228
Karbatsos, N.	202, 229, 1000
Karbaat, J.	227, 230
Karpova, E. F.	518
Karstad, L. H.	1001
Kascsak, R. J.	861
Kastello, M. D.	682, 1121, 1122, 1140
Katz, H. H. (see also Mamay)	385
Kaverin, N. V.	231-234
Kehoe, J. M.	235
Kent, S. G.	1129, 1131
Kenyon, R. H.	869
Kerr, J. A.	156, 236
Kester, W. O.	606, 819, 862, 1002
Khaltayeva, L. G.	285
Khutoretskaya, N. V.	499-501, 837, 975
Kilpatrick, J. E.	512
King, S. J.	843
Kirchner, E. E.	237
Kiselev, O. I.	121, 502, 863, 926, 968, 969, 1091
Kissling, R. E.	67, 238-244, 411, 683-685
Klainer, A. S.	1190
Klimenko, S. M.	161, 162, 245, 246, 432, 558, 559, 777, 846, 1053
Kliment, V.	213, 216, 514, 515, 624, 1110
Klin, S.	279
Kloene, W.	247
Klugerman, M. R.	377
Knowles, R. C.	864, 1003
Kogan, E. M.	1147
Kokernot, R. H.	686
Kokorev, V. S.	1181
Kondig, J. P.	869
Konnerup, N. M.	687, 1004
Kono, Y.	248
Koprowski, H.	249-253, 262-266, 581
Kosch, P. C.	957
Kosyakov, P. N.	865, 1065
Kramer, L. D.	1123, 1173
Krechetova, N. A.	137
Kremer, R. J.	1107, 1108, 1193

Kress, S.	423
Kruml, J.	214, 215
Kubes, V.	142, 254-256, 519, 526, 688, 689, 1124
Kuehne, R. W.	81, 257-259, 367, 1125, 1126
Kufner, J.	622, 623
Kundin, W. D.	260, 261
Kuttler, K. L.	281
LaFiandra, R. P.	545
Lainson, R.	889
Lambert, P.-H.	581
LaMotte, L. C.	185
Larsen, J. R.	527
Larson, D. L.	1174
Lassing, E.	942, 1073, 1146
Lasso, B.	1128
Lauerman, L. H.	1141
Lazuick, J. S.	1102
Lebedeva, N. V.	7
Lebedinsky, V. A.	505
Leblanc, P.	1127
Lee, V. H.	20
Lennette, E. H.	249-251, 262-266
Leon, C. A.	1128
Leont'eva, N. A.	690, 1005
Lepine, P.	267, 358
Lesmes, C. I.	366, 747
Levi-Castillo, R.	268, 528
Levine, L.	125
Levitt, N. H.	730, 1006, 1129-1131
Levkovich, E. N.	269
Levy, H. B.	1100
Lewis, A. L.	813, 814, 942, 1073
Lightfoot, Jr., P. R.	203
Likar, M.	270
Likosky, W. H.	691
Lindsey, H. S.	532
Lins, Z. C.	889
Liprandi, F.	1187
Lithgow, E. W.	271
Littlefield, J. W.	416
Liu, C.	260
Loginova, N. V.	518
London, W. T.	1129, 1130
Lopez Toribio, J. M.	692
Lord, R. D.	411, 693-696, 866, 952
Lovejoy, T.	697
Ludwig, E. H.	849
Luedke, A. J.	533, 698, 712, 803, 858, 917
Lugo E., A.	654
Lundgren, D. L.	272-274
Luscri, B. J.	1133, 1134
Lust, G.	235, 275, 276
Lvov, D. K.	161, 162, 432, 558, 559, 699, 777, 846, 1053, 1057

L'vova, A. I.	137, 277, 499-501, 837, 975
Lyman, D. O.	105
Lyons, M. J.	861
Lyons, R. W.	203
Macedo, D. N. G.	55, 59
MacKenzie, R. B.	284, 356, 700-702, 747, 1007
Mackenzie, R. M.	1135
Madalengoitia, J.	601, 1008, 1039, 1171
Mamay, H. K. (see also Katz)	386, 703-705
Maness, K. S. C.	817, 951, 952, 1047, 1079
Mare, C. J.	831, 965
Marker, S. C.	887, 1136-1138
Marmol C., F.	16-19
Maroja, O.	54, 59, 278
Marshall, I. D.	1009
Marshall, R. G.	386
Martin, D. H.	494, 529, 706, 829, 860, 1010
Martinez, S.	1128
de Martinez Segovia, Z.	279, 280
Martins Vianna, C.	359
Mason, D. W.	1044
Mathis, B.	1003
Mathis, M.	267
Mattingly, P. F.	1011
Maurer, F. D.	281, 342, 827
May, S. W.	618, 826
Mayer, G. D.	1139
Mayhew, C. J.	170
Mayyasi, S. A.	282
Mazzali, R.	476
McAllister, R. M.	530
McAuslan, B. R.	833
McConnell, S.	707, 867, 897, 1012
McGann, V. G.	924
McGeorge, R. E.	1174
McGowan, Jr., J. E.	208, 691, 708
McGuire, T. C.	868
McKinney, R. W.	8, 72, 126, 130, 177, 283, 387, 399, 402, 417, 709, 767
McLaughlin, A. R.	1003
McLean, R. G.	812
McLeod, C. G.	1122
McManus, A. T.	531, 869, 1013, 1062, 1063, 1122, 1140, 1192
Medina, G.	284
Mekler, L. B.	285
Mel'nikova, E. E.	137, 277, 974
Menshikh, L. K.	120, 121, 465, 502, 863, 865, 926, 968, 969, 1065
Mercado, S.	698, 712
Mergenhagen, S. E.	212
Metcalf, H. E.	1003
Metselaar, D.	710
Mettler, N. E.	286, 287

Metzger, J. F.	288, 1118
Meyer, N. L.	687, 870, 871, 1014
Miesse, M. L.	27, 418
Miescher, C. A.	581
Mika, L. A.	289
Miles, J. A. R.	290
Miller, D. L.	411, 1047, 1048
Miller, H. V.	1006, 1130
Miller, L. D.	872
Miller, M. H.	291, 544
Miller, S.	106, 107, 495
Miller, W. S.	292-294
Mills, J. W.	339, 341
Mills, K. W.	1141
Mims, C. A.	222, 581, 833
Miro Abella, J.	970
Miryutova, T. L.	711, 1015, 1142
Mishin, L. N.	313
Mitchell, C. A.	873
Mitchell, C. J.	510
Miura, T.	755
Miyat, J. A.	901
Monastyreva, L. A.	644
Monath, T. P. C.	532, 874, 987
Monlux, W. S.	533, 712, 803
Moore, D. H.	252
Moore, R. M.	876
Moorhouse, A. S.	370, 634
Mora, J. A.	650
Morales, A.	157, 375, 534
Morales G., G.	893
Moreira, L. P.	330
Morgan, D. O.	478
Morilla-Gonzalez, M. V. Z. A.	295, 489
Morris, C. D.	875
Motyl, M. R.	1143
Moulthrop, J. I.	876
Muhm, R. L.	872
Mullenax, C. H.	747
Mundy, R. L.	1178
Munz, K.	209, 476
Murphy, F. A.	713, 1101, 1189
Murphy, K.	1189
Murphy, L. C.	296, 297
Mussgay, M.	49, 298-307, 714, 715, 877, 1022
Myou, D. S.	134
Nabatnikov, A. P.	245, 246
Naeve, C. W.	1144, 1145
Nagle, Jr., S. C.	198, 430, 431
Naroditskii, B. S.	798
Nathanson, N.	308
Navarro, J. E.	1172
Navarro M., E.	828, 959, 1117

Neal, F. C.	1093
Negrette, A.	309, 716-723
Neifakh, S. A.	121, 502, 863, 926, 968, 969, 1091
Nelson, D. B.	66-68, 239, 240
Nemirovskaya, B. M.	910
Newhouse, V. F.	70, 410-412, 529, 555, 1046-1049
Newton, W. H.	880
Nichols, J. B.	67, 68, 310, 724, 1146
Niederman, J. C.	311
Nikishina, V. I.	1026
Nilsson, M. R.	124, 331
Normann, S. J.	407
Norrell, S. A.	312
Notkins, A. L.	581
Novak, M.	857
Novo, E.	1088
Novokhatsky, A. S.	116, 313-321, 659, 725-727, 797, 878, 962, 1016-1021, 1051, 1052, 1067, 1086, 1147, 1148
Nuckolls, J. G.	532
Office Interantionale Epizootique	1149
Officer, J. E.	35, 289, 322, 323
Olson, G. B.	879
Olson, J. K.	880
Omohundro, R. E.	881, 882, 1003, 1150
Opton, E. M.	125, 311
Ordonez, J. V.	371, 547, 728, 767, 828, 959, 1151, 1152, 1172, 1173
Ortiz Mariotte, C.	324
Osipova, T. V.	910
Osorno-Mesa, E.	363
Oudar, J.	999
Palacios, O.	704
Pan American Health Organization	729
Pancake, B. A.	372, 547, 1153, 1154, 1164
Pannier, W. L.	1125, 1126, 1178
Parikh, G. C.	1144, 1174
Parker, D. R.	869
Parker, M. D.	1155
Parker, R. L.	876, 883, 1066
Parra Villasmil, D.	1022, 1135
Parodi, A. S.	286, 360
Patrick, III, W. C.	355
Payan, J.	356
Peacock, G. V.	884
Peacock, S.	463, 927
Pearson, J. E.	831, 872, 1027
Pearson, J. L.	1056
Pearson, W. B.	1085

Pedersen, Jr., C. E.	535, 617, 635, 730, 731, 852, 885-888, 963, 993, 1006, 1023, 1081, 1106, 1111, 1156
Peguero V., A.	325
Pekarek, R. S.	326
Peleg, J.	327
Pellacani, D. de G.	1157
Pepple, J.	1112, 1113, 1158
Peralta, P. H.	103, 221, 328, 329
Pereira, H. G.	10, 972
Pereira, O. A. de C.	124, 237, 330, 331
Perez Barrientos, M.	1022
Peshkova, E. A.	711, 1015, 1142
Petit, M. G.	1141
Petrelli, R. L.	287
Pierce, E. P.	950
Pigott, Jr., M. B.	848
Pina, C. I.	1088
Pinheiro, F. P.	889
Pinkovsky, D. D.	1024
Pizzi, M.	732
Podoplekin, V. D.	539, 550, 976, 1043
Poland, J. D.	988
Pollack, A. D.	439
Pollok, III, N. L.	1159
Pond, W. L.	84
Poppensiek, G. C.	890
Porterfield, J. S.	332, 972
Posevaya, T. A.	865, 1065
Potter, Jr., H. W.	998
Powers, C. D.	1025, 1173
Prato, C. M.	804
Pratt, H. D.	333
Pravdina, N. F.	1026
Prave, M.	999
Prias-Landinez, E.	334-336
Prickett, M. E.	478
Proctor, R. A.	892, 1160, 1162
Proctor, S. J.	1027
Progulski, A.	1145
Pulgar G., E.	1028
Quinn, J. F.	891
Quiroz V., C. A.	589, 733, 734, 1028
Rabin, E. R.	337
Rabinowitz, S. G.	575, 735, 892, 1069, 1161-1164
Rainey, C. T.	188, 196
Rabovskaya, I. V.	517
Ralph, R. K.	338
Ramsburg, H. H.	43
Randall, R.	339-342
Rathmacher, R. P.	901
Ratushkina, L. S.	1057
Rave V., G.	893, 1029

Ravelo de la Fuente, J. J.	343
Rayfield, R. J.	1165-1167
Reeves, W. C.	173, 344-346, 494, 529, 536, 755, 894, 1089
Reitman, M.	347, 350, 537
Reta Pettersson, G. A.	736, 737, 895
Revista Medica Dominicana	351
Revista Venezolana Sanidad Asistencia Social	352
Revo, M. V.	353
Reynolds, S. L.	79, 354
Rhodes, H. A.	998
Richmond, G.	252
Riemann, H. P.	1056
Richter, H.	896
Riley, J. M.	355
Rios, F. A.	254, 519, 655, 689
Rios, R.	712
Roberts, E. D.	356
Roberts, R.	1001
Robiou, M. A.	357
Robinson, D. M.	531, 535, 617, 618, 731, 897, 1081
Rodina, P.	260
Rodrigues Filho, A.	359
Rodriguez, G.	898
Rodriguez J., H. L.	440
Rodriguez, M.	820
Rodriguez Torres, J. G.	1030
Rodriquez, G.	1168
Roedenbeck, S. D.	1031
Rojas, E.	330
Rollins, J. B.	738
Romero Avecedo, S.	950
Romero-Leon, M.	336, 898
Rosales, J. C.	712
Rosato, R. R.	899
Roubaud, E.	358
Round Table on Epidemic Control	739
Ruano, C. E.	538
Rubin, H. L.	1092
Rugiero, H. R.	360
Ruiz, J. A.	538
Ruiz A., A.	525
Ruiz Martinez, C.	539, 540
Rusakiev, M.	541
Russell, P. K.	43, 740, 899
Rychterova, V.	214, 215, 513-515, 622-624, 1110
Ryder, E.	979, 1034
Ryder, S.	123, 723, 741-743, 900, 943, 978, 979, 1032-1034, 1074

Sabattini, M. S.	361
Saenz, A. C.	360
Sagik, B. P.	599
Saidi, S.	543
Salido R., F.	950
Salterini, V.	362, 744
Sambrook, J.	833
Samper, B.	542
Sampson, G. R.	901
Sanchez, A.	1087
Sanchez-Spindola, I.	87, 88
Sanmartin-Barberi, C.	156, 356, 363-366, 745-747, 902
Santucci, J.	1177
Sanz B., R.	1049
Sasso, D. R.	816, 817
Sather, G. E.	816, 1048, 1066
Saturno, A.	49
Saulmon, E. E.	748, 903, 1035
Sautter, V.	267, 358
Sawyer, W. D.	259, 283, 367, 387
Schaffer, P. A.	368, 544, 1036
Scheider, F. G.	43
Scherer, W. F.	13, 143, 291, 368-373, 405, 438, 443, 451, 452, 492, 493, 543-547, 562, 563, 569, 634, 749-755, 767, 800-802, 828, 904, 905, 959, 1036-1039, 1082, 1117, 1123, 1127, 1143, 1151-1154, 1169-1163, 1194
Schiefer, B. A.	909, 1085
Schryer, R. F.	1174
Secretaria de Agricultura y Ganaderia & Organizacion Panamericana de la Salud	756
Seligmann Silva, E.	359
Sellers, R. F.	374, 375
Serie, C.	757
Sever, J.	1129, 1131
Seymour, C.	1173
Shambaugh, III, G. E.	376
Shanoyan, N. K.	974
Sharman, R.	758
Shaw, J. J.	889
Shelokov, A.	221, 328, 329
Shepel, M.	377, 378
Sherry, R. B.	1113, 1114, 1158
Shmalii, K. V.	353
Shope, R. E.	361, 379, 380, 759, 760, 817, 1040
Shubladze, A. K.	381, 690, 1005
Shultz, T. D.	738
Shushkov, L. S.	846
Sibley, H. Q.	870
Siger, J. de	1022, 1135
Sidwell, R. W.	382, 420
Sikes, R. K.	66-68
Siliokas, Z. V.	511

Simpson, D. I. H.	548
Sims, R.	413
Sinclair, M. C.	105
Singh, K. R. P.	761
Sippel, W. L.	971
Skvrnova, K.	311
Slepushkin, A. N.	383
Slocum, D. R.	730, 731, 885
Slotnik, V.	282
Smadel, J. E.	342
Smart, D. L.	1041
Smart, K. L.	273, 274, 420
Smith, C. E. G.	384, 463, 762, 1042
Smith, C. W.	288
Smith, D. G.	238, 385, 386, 439
Smith, G. C.	1102
Smith, H. A.	906
Smith, T. J.	387
Smithburn, K. C.	388
Sokolova, T. M.	778, 832, 865, 907, 967, 1065
Solianik, R. G.	549, 550, 1043, 1175
Sollers-Riedel, H.	763
Soper, W. T.	195, 197, 389-391, 429
Sorensen, T. C.	1145
Soriano Lleras, A.	542, 551, 552
Sosa-Martinez, J.	392, 393
Soto Escalona, A.	123, 723, 742, 743, 764, 980, 1157
Sotomayor, C. G.	394
Sotomayor Navas, G.	553
Spalatin, J.	1001
Spence, L. P.	6, 95-98, 101, 223-227, 230, 395-398, 679
Spertzel, R. O.	399-402, 554, 682, 765-767, 852, 908, 963, 991, 992, 1044, 1106, 1107, 1176, 1178, 1193
Springer, R. J.	1108
Srihongse, S.	140, 403-406, 768, 1045
Staab, E. V.	79, 354, 407
Stacy, H. G.	768, 769
Stakhanova, V. M.	456
Stamm, D. D.	67, 239, 240
Steele, R. E.	634
Steglich, C.	599
Steichen, M. E.	1174
Stellmann, C.	1177
Stephen, E. L.	1109, 1125, 1126, 1178
Stinski, M. F.	408
Stookey, J. L.	635
Suarez, O. M.	299, 375, 409, 595, 770, 1188
Sudia, W. D.	66, 69, 70, 200, 410-412, 529, 555, 696, 771, 1046-1049, 1066
Sugay, W.	331
Sulbaran Solis, G.	722, 772
Sulkin, S. E.	177, 413, 414
Surtees, G.	1042

Sussdorf, D. H.	1127
Sutton, L. S.	415
Suyemoto, W.	909
Sveshnikova, N. A.	837, 975
Svet-Moldavsky, G. J.	910
Swartz, M. N.	416
Swerczek, T. W.	478
Taber, L. E.	417
Tamm, E. L.	1056
Tamoglia, T. W.	1050
Tang, A. T.	889
Tasker, J. B.	418
Taylor, R. M.	201, 229
Taylor, W. M.	556
Tazulakhova, E. B.	113, 119, 907, 911, 967, 1051, 1052, 1086
Tellez, H.	1128
Terrian, J.	545
Teruel de Lopez, E.	1179
Theiler, M.	58, 90, 380, 419, 912
Thomas, L.	50, 395
Thorpe, B. D.	272, 382, 420
Tigertt, W. D.	26, 27, 147, 148, 151, 283, 421-423, 444, 773
Tikasingh, E. S.	4, 5, 225, 447
Tikhonenoko, T. I.	798
Tikomirova-Sidorova, N. S.	1147
Tilitchenko, M. M.	1067
Timkovsky, A. L.	1147
Timmers, W. C.	1098
Toaz, E.	634
Tobin, W. C.	913
Todd, F. A.	557
Todd, J. D.	827
Tonik, E. J.	350, 424
Toro, G.	898
Torrigiani, G.	581
Toy, S. T.	923
Trainer, D. O.	425, 674, 1041, 1099
Trapido, H.	366, 747, 774-776
Trapp, E. E.	124, 331
Traub, E.	426, 427
Travassos, J.	30, 428
Treillard, M.	358
Trent, D. W.	1090
Trevino, G. S.	1, 212, 1180
Tribble, Jr., H. R.	198, 347, 349, 429-431
Trukhmanova, S. V.	1015
Tsareva, A. A.	109, 111, 517
Tsilinsky, Ya. Ya.	161, 162, 432, 499-501, 518, 558, 559, 699, 777, 846, 1053
Tsitsin, V. A.	1181
Tumanyan, M. A.	1057

Ueberschar, S.	715
Urbakh, V. Yu.	727
Urigen B., D.	987
Uryvaev, L. V.	41, 114, 115, 117, 118, 121, 122, 433-435, 458-462, 491, 497, 502, 560, 561, 570, 571, 573, 576, 778, 797, 832, 863, 926, 966
U. S. Department of Agriculture	779-783, 1054, 1055
Uttley, K. H.	94
Vagzhanova, V. A.	108, 133, 135
Vanderwagen, L. C.	1056
van Loghem, J. J.	581
Van Tongeren, H. A. E.	436
Vanella, J. M.	361
Vargas De Torres, S.	336
Vashkova, V. V.	1057
Vasilieva, O. A.	940
Vaughn, R. E.	766
Ventura, A. K.	370, 373, 437, 438, 543, 562, 813, 830, 914, 1077, 1182, 1183
Versteeg, J.	442
Vestergaard, B. F.	563
Victor, J.	439
Vidales, H.	156, 157, 534
Vilchis Villasenor, J.	784
Villegas Delgado, M.	785, 1058
Vinas Roman, J.	440
Vittoz, R.	1184
Vogelsang, E. G.	656, 657
von Sprockoff, H.	564
Wachter, R. F.	204-207, 849, 1185, 1186
Wagner, J. C.	238, 385, 386
Wagner, R. R.	973
Walder, R.	1059, 1187, 1188
Walker, D. H.	1189
Walton, T. E.	565-567, 786-788, 915-917, 1141, 1155
Wannemacher, Jr., R. W.	1190
Ward, B. A.	544
Warner, A.	281
Watko, L. P.	918
Watts, D. M.	1191
Wedum, A. G.	919, 920
Weekly Epidemiological Record	441
Weibel, J.	300, 302
Weide, K. D.	921, 1060
Weiland, E.	715, 877
Weinhold, E.	922
Wellings, F. M.	813
Wenger, F.	789
Western Hemisphere Committee	1061
Wheelock, E. F.	923

White, III, C. S.	924
White, D. O.	833
White, J.	874
White, J. D.	1062
Whitford, H. W.	354
Whitney, E.	875
Wilkins, L. B.	834
Wilterdink, J. B.	442
Wong-Chia, C. (see also Chia)	370, 443, 545, 753
Woodall, J. P.	790, 791, 1040
Woodman, D. R.	1192
Woodward, T. E.	444
Work, T. H.	69, 70, 177, 445, 696, 792, 793
Worth, C. B.	4, 5, 101, 226, 446, 447, 679
Wyckoff, R. W. G.	21
Yager, R. H.	139, 281, 296
Yakhontov, L. N.	1005
Yalan, F.	1031
Yancey, F. S.	43
Yepez M., M. S.	1064
Young, D. G.	643
Young, M. D.	769, 925
Young, N. A.	221, 448-450, 568, 794, 795
Young, R.	1047
Yuill, T. M.	1041
Zaitseva, O. V.	120, 121, 502, 863, 865, 926, 968, 969, 1065, 1091
Zarate, M. L.	451, 452, 493, 543, 546, 569, 753, 796, 811
Zebovitz, E.	38, 453-455
Zehmer, R. B.	883, 1066
Zhdanov, V. M.	40, 41, 110, 111, 114, 115, 117, 118, 120- 122, 245, 246, 433-435, 456-462, 484, 491, 496, 497, 502, 517, 560, 561, 570- 573, 778, 798, 799, 832, 863, 926, 949, 966, 968, 969, 1026, 1080, 1091
Zhukova, G. E.	1067
Zimmerman, W. D.	167
Zlotnik, I.	110, 111, 463, 927