[550]

INDEX OF SUBJECTS

Active immunization of calves against rinderpest, 435 Acute respiratory infections and adenoviruses, 404 Adenovirus infections in adults, 404 Adenovirus infections: epidemic kerato-conjunctivitis, 101 Aerial pollution by bacteria, 163, 169 Air borne micro-organisms, survival of, 125, 364, 389 Allantois of intact egg and surviving allantois-on-shell compared as host systems for influenza viruses, 535 Antibody development during an epidemic of Type 1 poliomyelitis, 347 Antibody response to pox-group infections, 84, 466, 479 Antigenic response in guinea-pigs to live and inactivated poliovirus, 260, 266 Antigens, complement fixing, of poliovirus in infected mouse brain and tissue culture fluids, 254 Antigens, fimbrial, of Shigella flexneri, 303 Australian wild rabbits, changes in innate resistance to myxoma virus, 288 Bacterial aerosols, factors affecting death-rates, 125, 389 Bacterial aerosols, test for survival, 364 Bacterial growth in vivo, relation between dose and latent period, 323 Bacterial pollution of air, 163, 169 Bactericidal action of hexyl resorcinol aerosols, 108 Bacteriological tests for coliforms in water, 377 Bradford salmonella outbreaks related to infection of pigs coming to slaughter, 271 Brill-Zinsser disease: the possibility of its occurrence in Britain, 355 Calves, immunization against rinderpest, 427, 435 Cell-bound vaccinia virus, liberation by ultrasonic vibration, 29 Children and streptococcal infections in residential homes, 43, 62, 197, 211 Clostridium welchii, sources of, in hospital infection of wounds, 169 Coliform organisms in water, detection of, by different culture media, 377 Contagious distribution, numerical studies, 516 Control of rats living between access points in sewers, 19 Death-rates of stored bacterial aerosols, 125, 389 Dilution assays and heterogeneity of host resistance, 319 Disinfection of fabrics by gaseous formaldehyde, 488 Dose and latent period relationship in growth of micro-organisms in vivo, 323 Dose-response relationship between influenza virus and surviving allantois, 523 Drying effect on secretions containing group A streptococci on the infectivity of the organism for man, 280 Epidemic kerato-conjunctivitis, 101 Experimental pneumonia in mice, intra-oral inoculation technique, 73, 80 Fimbrial antigens of Shigella flexneri, 303 Formaldehyde disinfection of fabrics, 488 Formalin inactivation of poliomyelitis virus and effect on antigenicity, 260, 266

Glutamic acid culture media compared with MacConkey broth for detecting coli in water, 377 Growth of micro-organisms *in vivo*, relation between dose and latent period, 323

Haemagglutination titrations of tetanus antitoxin, 183 Heterogeneity of host resistance in dilution assays, 319 Hexyl resorcinol aerosols, bactericidal action of, 108 Hospital infection of wounds with *Clostridium welchii*, 169 Host resistance in dilution assays, test for heterogeneity of, 319

Inactivation of poliovirus by formalin and ultra-violet light, 260, 266 Infections with streptococci of children living in residential homes, 43, 62, 197, 211 Infectivity of group A streptococci related to drying of the organism, 280 Infectivity of influenza viruses, improved assay for, 151, 415 Infectivity of influenza viruses: comparison of allantois of intact egg and surviving allantois-onshell as host systems, 535 Influenza viruses and surviving allantois, dose response relationship, 523 Influenza viruses, assay of neutralizing antibodies, 415 Inhibition by staphylococci of growth of diphtheria bacilli, 238 Insecticide-bait-box technique in control of sylvatic plague vectors, 455 Intra-oral inoculation technique for experimental pneumonia in mice, 73, 80 Kerato-conjunctivitis, epidemic, 101 Leptospiral infection rates of wild rats in Britain, 371 Mechanism of 'Welsch phenomenon', 37 Mice, intra-oral inoculation technique, 73, 80 Myxomatosis, changes in innate resistance of Australian wild rabbits exposed to, 288 Neutralizing antibodies against influenza viruses, assay of, 415 Numerical studies on some contagious distribution, 516 Outbreaks of streptococcal infections in a children's residential home, 43, 62, 197, 211 Pigs, slaughterhouse contaminations and salmonella infections in man, 271 Plague, sylvatic, control of vectors, 455 Pneumonia, experimental in mice, intra-oral inoculation technique, 73, 80 Pock-counting technique for assessment of neutralizing antibody to smallpox, 84 Poliomyelitis Type 1 epidemic, the development of neutralizing antibodies during the outbreak, 347 Poliomyelitis virus, complement-fixing antigens in infected mouse-brain and tissue culture fluids, 254 Poliovirus immunization, relation of antigenicity to inactivation, 260, 266 Polish immigrants in Britain and possibility of Brill-Zinsser disease, 355 Pollution of air, bacteria, 163, 169 Pox group of viruses, antibody response to infection, 84, 466, 479 Rabbits, Australian wild, changes in innate resistance of those exposed to myxomatosis, 288 Radiophosphorus labelling of air borne micro-organisms to study their survival, 364 Rats, control between access points in sewers, 19 Rats, ringtail disease in new-born Norway animals, 190 Rats, wild, leptospiral infection rates in those caught in Britain, 371 Residential homes for children and streptococcal infections, 43, 62, 197, 211 Rickettsial (epidemic typhus) antibodies in Polish immigrants in Britain, 355 Rinderpest immunity in calves, maternally derived antibody, 427 Rinderpest immunization of calves, 435 Ringtail in new born Norway rats, 190 Rodent control in sewers between access points, 19 Salmonella outbreaks related to slaughterhouse contamination, 271 Shigella flexneri, fimbrial antigens, 303

Shageta fitzener, innormal antigens, 505 Slaughterhouse cattle for estimation of potency of tuberculins, 1 Slaughterhouse contamination of pig carcasses and salmonella infections in man, 271 Smallpox infections, antibody response to, 479 Soluble antigens of poliovirus in infected mouse brain and tissue culture fluids, 254 Source of *Clostridium welchii* in hospital infection of wounds, 169 *Staphylococcus aureus*, comparison of serological and phage typing, 445 *Staphylococcus aureus*, cultural characteristics of strains from skin infections, 238 Streptococcus group A, effect of drying on infectivity, 280 *Streptococcus pyogenes*, infections among children in a residential home, 43, 62, 197, 211 Stored bacterial aerosols, death rates in, 125, 389 Sylvatic plague, control of vectors, 455 Survival of airborne bacteria, test for, 364

Tetanus antitoxin titration by haemagglutination at low level of test, 183 Tonsillectomy and streptococcal sore throats in children, 197 Tuberculin potency tests, use of slaughterhouse cattle for, 1 Typhus complement-fixing antibodies, persistence of, 355 Typing staphylococci by serological and phage methods, 445

Ultrasonic vibration for liberation of cell-bound vaccinia virus, 29 Ultraviolet light inactivation of poliomyelitis virus, 260, 266

Vaccination against smallpox, antibody response to, 466 Vaccinia virus, cell-bound, liberation by ultrasonic vibration, 29 Vectors of sylvatic plague, control of, 455 Virus diseases: Adeno-virus, 101, 404 Influenza, 151, 415, 523, 535 Myxomatosis, 288 Poliomyelitis, 254, 260, 266, 347 Pox group, 29, 84, 466, 479

'Welsch phenomenon', mechanism of, 37 Wild rats in Britain, leptospiral infection rates, 371 Wounds, hospital infection of, with *Clostridium welchii*, 169

Rinderpest, 427, 435

552