Index of subjects

African swine fever antigen and antibody, solid-phase radioimmunoassay techniques for detection, 353; solid-phase enzyme-linked immunosorbent assay for detection, 363

Ampicillin resistance, characterization of R-plasmids coding for, 371

Antibody response in Legionnaires' disease, 377

Antibody studies in natural bovine cowpox, 425

A/Victoria/3/75 natural heterologous infection, comparison of protective efficacies of live vaccine RIT 4025 and an inactivated vaccine against, 221

Bacterial aerosols in a burns and plastic surgery unit, effects of ionization on, 199

Bacteriostasis of Escherichia coli by milk. III, 243; IV, 255

Blastogenic test for foot-and-mouth disease, a, 507

Bluetongue epidemic in Cyprus, August 1977, possible origin, 547

Bluetongue virus precipitating antibodies in sera of domestic animals, incidence of, 539

Bovine cowpox, natural, antibody studies in, 425

Brown Animal Sanatory Institution, 171

Brucella abortus antibodies, serological methods for detection in sera from vaccinated and non-vaccinated cattle, 491

Brucellosis diagnosis, growth agglutination and growth inhibition tests, 295

Burned patients, measurement of endotoxins with the limulus test in, 151

Burns unit, staphylococcal sepsis in, 429

Camelpox virus in Iraq, isolation, identification and characterization, 267

Cattle, vaccinated and non-vaccinated, serological methods for detection of *B. abortus* antibodies in sera from, 491

Chickens, frozen, cross-contamination during kitchen preparation, 27

Cigarette smoke, effect of long-term exposure on immune response to influenza virus, 135

- Citrate utilization, in citrate-positive variants of *Escherichia coli*, distribution of plasmids determining, 331
- Clostridium botulinum, immunofluorescent study of the spore antigens of proteolytic strains of, 1

Clostridium botulinum in soil on a cattle market site in London, 237

Comparison of the protective efficacies of the live vaccine RIT 4025 and an inactivated vaccine against a natural heterologous A/Victoria/3/75 infection, 221

Cowpox, natural bovine, antibody studies in, 425

Cross-contamination during the preparation of frozen chickens in the kitchen, 27

Cyprus bluetongue epidemic, August 1977, possible origin, 547

Disinfectants, relative resistance of f2 bacteriophage to inactivation by, 111

Endotoxin, intramammary infusion, effect on establishment of experimental mastitis by Streptococcus agalactiae in the cow, 103

Endotoxin, intramammary infusion, effect of on experimentally induced mycoplasmal mastitis, 501

Endotoxins, measurement with the limulus test in burned patients, 151

Enteric bacteria, enterotoxigenic, in foods and outbreaks of food-borne diseases in Sweden, 33 Enterotoxin production and drug resistance in *Escherichia coli* of human origin, occurrence of plasmids carrying genes for, 531

Enterotoxigenic enteric bacteria in foods and outbreaks of food-borne diseases in Sweden, 33 Enzyme-labelled immunosorbent assay, specific detection of foot-and-mouth disease virus whole particle antigen (140S) by, 127

Enzyme linked immunosorbent assay, application to detection and identification of foot-andmouth disease viruses, 513

Epidemic mechanisms of Type A influenza, 11

Escherichia coli, bacteriostasis by milk. III, 243; IV, 255

- Escherichia coli, citrate-positive variants of, distribution of plasmids determining citrate utilization in, 331
- Escherichia coli of human origin, occurrence of plasmids carrying genes for both enterotoxin production and drug resistance in, 531

European rabbit flea, Spilopsyllus cuniculi (Dale), and myxomatosis, 285

f2 bacteriophage, relative resistance to inactivation by disinfectants, 111

Fomites, oral exposure to, and risk of salivary-mediated viral hepatitis type B transmission, 487 Food-borne diseases, enterotoxigenic enteric bacteria and, 33

Food poisoning in hospitals in Scotland, 231

- Foot-and-mouth disease virus whole particle antigen (140S), specific detection by enzymelabelled immunosorbent assay, 127
- Foot-and-mouth disease, a blastogenic test for, 507
- Foot-and-mouth disease viruses, detection and identification, application of the enzyme linked immunosorbent assay, 513

Growth agglutination and growth inhibition tests in diagnosis of brucellosis, 295

HLA antigens, and rubella vaccination, 405

Hong Kong, seropidemiology of rubella infection in Chinese and Caucasians, 397

Hospital areas, salmonella isolation from, 461

Hospital patients, studies on sources of Klebsiella aerogenes in, 391

Hospitals in Scotland, food poisoning in, 231

IgA antibody response in acute rubella determined by solid-phase radioimmunoassay, 69 IgM antibody in infants with rubella, comparison of detection methods, 413

Immunofluorescence and radioimmunoassay, for detecting IgM antibody in infants with the congenital rubella syndrome, comparison of, 413

Immunofluorescent study of the spore antigens of proteolytic strains of *Clostridium botulinum*, 1

Influenza, Type A, epidemic mechanisms of, 11

Influenza, vaccination against: a five year study in the Post Office, 157

- Influenza vaccination with live attenuated and inactivated virus-vaccines during an outbreak of disease, 383
- Influenza virus, secondary immune response, effect of long-term exposure to cigarette smoke, 135
- Ionization, effects on bacterial aerosols in a burns and plastic surgery unit, 199
- Ionization of air, effect on the air-borne transmission of experimental Newcastle disease virus infections in chickens, 59
- Isolation, identification and characterization of camelpox virus in Iraq, 267

Klebsiella aerogenes in hospital patients, further studies on sources, 391

Laboratory breeding of the European rabbit flea, *Spilopsyllus cuniculi* (Dale), 521 Legionnaires' disease, antibody response in, 377 Limulus test, and measurement of endotoxins in burned patients, 151

- Mastitis, experimental, established by *Streptococcus agalactiae*, effect of intramammary infusion of endotoxin on, 103
- Mastitis, mycoplasmal, experimentally induced, effect of an intramammary infusion of endotoxin on, 501

Mastomys natalensis, laboratory tests of rodenticides for control of, 345

Measles in monkeys: an epidemiological study, 207

Microbial contamination of medicaments for treatment and prevention of pressure sores, 445 Microbial contamination of pharmaceutical products in the home, 277

Monkeys, measles in: an epidemiological study, 207

Muller-Kauffman tetrathionate, selenite F and Rappaport's medium, for isolation of salmonellas from sewage-polluted natural water, 451

564

Murine model system, exposure to eigarette smoke and response to influenza virus in, 135 Mycoplasmal mastitis, experimentally induced effect of an intramammary infusion of endotoxin on, 501

Myxomatosis and the European rabbit flea Spilopsyllus cuniculi (Dale), 285

Newcastle disease virus, experimental infections in chickens, effect of air ionization on airborne transmissions of, 59

Pharmaceutical products in the home, microbial contamination, 277 Pressure sores, microbial contamination of topical medicaments for treatment of, 445

R-plasmids coding for ampicillin resistance from Salmonella species, characterization, 371

- Radioimmunoassay, compared with immunofluorescence for detecting IgM antibody in infants with the congenital rubella syndrome, 413
- Radioimmunoassay techniques, solid-phase, for detection of African swine fever antigen and antibody, 353

Rainfall, and well water pollution in a West African (Gambian) village, 143

Rappaport's medium, selenite F and Muller-Kauffman tetrathionate, for isolation of salmonellas from sewage-polluted natural water, 451

Resistance, relative, of f2 bacteriophage to inactivation by disinfectants, 111

RIT 4025 live vaccine, and an inactivated vaccine: comparison of protective efficacies of against a natural heterologous A/Victoria/3/75/infection, 221

Rodenticides, laboratory tests for control of Mastomys natalensis, 345

Rubella, acute, IgA antibody response determined by solid-phase radioimmunoassay, 69

Rubella, congenital syndrome, and detection of IgM antibody in infants, 413

Rubella infection in Hong Kong, seroepidem. plogy, 397

Rubella vaccination, responses to HLA antigens, 405

Salmonella isolation from hospital areas, 461

Salmonella species, R-plasmids coding for ampicillin resistance from, 371

- Salmonella typhimurium and S. gallinarum, virulence and infectivity; effect of antibiotic resistance plasmids, 305
- Salmonellas, isolation by three different media from sewage-polluted natural water, 451

Schistosomiasis in snails, estimating the duration of latency and survival time, 77

Selenite F, Muller-Kauffmann tetrathionate and Rappaport's medium, for isolation of salmonellas from sewage-polluted natural water, 451

Sepsis, staphylococcal, in a burns unit, 429

- Serological diagnosis of whooping cough, 95
- Secological methods for detection of B. abortus antibodies in sera from vaccinated and non-vaccinated cattle, 491

Snails, with schistosomiasis, estimating duration of latency and survival time, 77

- Solid-phase enzyme-linked immunosorbent assay, for detection of African swine fever virus antigen and antibody, 363
- Solid-phase radioimmunoassay, and determination of IgA antibody response in acute rubella, 69
- Spilopsyllus cuniculi (Dale), European rabbit flea, and myxomatosis, 285; laboratory breeding, 521

Spore strips, use of for monitoring sterilization of bottle fluids, 121

- Staphylococcal sepsis in a burns unit, 429
- Staphylococcus aureus carriage and skin infection rates, hospital and office employees compared, 437
- Sterilization of bottled fluids, use of spore strips for monitoring, 121

Stool viruses in babies in Glasgow. 3. Community studies, 469

- Streptococcus agalactiae, establishing experimental mastitis in the cow, effect of an intramammary infusion of endotoxin on, 103
- Swine vesicular disease virus, in vivo and in vitro studies on temperature sensitive mutants, 319

Tanapox. A serological survey of the lower Tana River valley, 273

Temperature-sensitive mutants of swine vesicular disease virus, in vivo and in vitro studies, 319

Topical medicaments for treatment of pressure sores, microbial contamination, 445

Vaccination against influenza: a five-year study in the Post Office, 157

Vaccination, with live-attenuated and inactivated influenza virus-vaccines during an outbreak of the disease, 383

Vaccination, rubella, responses to, and HLA antigens, 435

Viral hepatitis type B, salivary-mediated, risk of transmission from oral exposure to fomites, 487

Virulence and infectivity of Salmonellas, effect of antibiotic resistance plasmids, 305

- Viruses: African swine fever, 353, 363; bluetongue, 539, 547; camelpox, 267; cowpox, 425; foot-and-mouth disease, 127, 507, 513; hepatitis B, 487; influenza, 11, 135, 157, 221, 383; measles, 207; Newcastle disease, 59; rubella, 69, 397, 405, 413; swine vesicular disease, 319; tanapox, 272; zikavirus, 213
- Virus-vaccines, influenza, live attenuated and inactivated, in vaccination during an outbreak of the disease, 383

Well water pollution, and rainfall, in a West African (Gambian) village, 143 Whooping cough, serological diagnosis of, 95

- Wound infections after surgery in a modern operating suite: clinical, bacteriological and epidemiological findings, 41
- Zika virus infections in Nigeria: virological and seroepidemiological investigations in Oyo state, 213