

## Index of Subjects

- Abattoirs and pig farms, salmonellas in, 141
- Adenovirus, parainfluenza virus and respiratory syncytial virus antibodies in the sera of Jamaicans, 523
- Adjuvants; their role in respiratory immunization with tetanus toxoid, 627
- Adsorption of certain medium proteins to *Mycoplasma gallisepticum* and their influence on agglutination and haemagglutination reactions, 267
- Airborne bacterial transfer between hospital patients, I, 279; II, 287; III, 299
- Airborne foot-and-mouth disease virus; the effects of spraying on the amounts present in loose-boxes, 551
- Anthrax infection in bone meal from various countries of origin, 455
- Antibiotic resistance and transmissible R-factors in the intestinal coliform flora of healthy adults and children in an urban and a rural community, 99
- Antibiotic treatment, systemic; its effect on colonization resistance of the digestive tract of mice, 605
- Antibodies to toxoplasma in the sera of immigrants to the United Kingdom from Asia and East Africa, 763
- Antibody response to trachoma in the serum and conjunctival secretion in Gambian children, 727
- Antibody responses and resistance to challenge in volunteers vaccinated with live attenuated, detergent split and oil adjuvant A2/Hong Kong/68 (H<sub>3</sub>N<sub>2</sub>) influenza vaccines, 531
- Antigens present on the surface of virus released artificially from chick cells infected with vaccinia virus, and cowpox virus and its white pox mutant, 353
- Aspergillosis in mice, experimental, 741
- Atelectasis and birth injury, urban variation in infant mortality from in England and Wales in 1958-67, 181
- Bacteriophage, T4; osmotic injury in rapid thawing, 459; protection of against inactivation during freezing and thawing by addition of peptides, 465
- Bacteriuria in a Scottish island community. A comparison of chemical and cultural tests for bacteriuria applied in remote surroundings, 105
- Biotyping of Enterobacteriaceae as a test for the evaluation of isolation systems, 639
- Biotyping of *Salmonella typhimurium*, use of tartaric acid isomers and citric acid in, 651
- Birth injury and atelectasis, urban variation in infant mortality from in England and Wales in 1958-67, 181
- Bone meal from various countries of origin, anthrax infection in, 455
- Bordetella pertussis* antibodies, detection of in human sera by complement-fixation and immunofluorescence, 75
- Bordetella pertussis* intracerebral infections in mice: the influence of the route of immunization on protection against, 487; passive protection of mice against, 707
- Brucellosis in cattle; identification of the immunoglobulin class active in the Rose Bengal plate test for, 779
- Catalogue of the National Collection of Type Cultures - 1972, 797
- Chemical closet treatment of typhoid carrier faeces, 439
- Chickens, frozen dressed; procedures for thawing and spit-roasting of, and post-cooking care and storage, 565
- Chlorinated water: redox potential measurements for determining the disinfecting power of, 313
- Clostridium welchii* and other bacteria in meat; the effect of two methods of cooking and cooling on, 415
- Coliform flora of healthy adults and children in an urban and a rural community; antibiotic resistance and transmissible R-factors in, 99
- Coliform organisms in water; comparison of membrane filtration and multiple tube methods for their enumeration, 691

- Colonization resistance of the digestive tract of mice during systemic antibiotic treatment, 605
- Complement-fixation and immunofluorescence for detection of *Bordetella pertussis* antibodies in human sera, 75
- Complement-fixation studies with subtype strains of foot-and-mouth disease virus, 171
- Contamination of an operating theatre by Gram-negative bacteria. Examination of water supplies, cleaning methods and wound infections, 63
- Cooking and cooling of meat; the effect of two methods on *Clostridium welchii* and other bacteria, 415
- Coronavirus antibody titres in sera of healthy adults and experimentally infected volunteers, 235
- Cowpox virus and its white pox mutant, and vaccinia virus; a comparison of the antigens present on the surface of virus released artificially from chick cells infected with, 353
- Cross-protection afforded by dengue virus against West Nile virus in hamsters, 611
- Dengue virus, the mechanism of the cross-protection afforded by, against West Nile virus in hamsters, 611
- Development of TRIC organisms in cell cultures during multiple infection, 39
- Diphtheria infection in North West Canada, 1969, 1970 and 1971, 503
- Diphtheria in Iran, 619
- Disinfecting power of chlorinated water; determination by redox potential measurements, 313
- Echovirus type 18; an epidemic associated with, 325
- Enrichment in strontium chloride, Rappaport and strontium selenite media for the isolation of salmonellas from man, animals, meat products and abattoir effluents, 367
- Enteritis due to *Salmonella panama* from infected ham, 113
- Enterotoxin in foods implicated in staphylococcal food poisoning; serological detection of, 755
- Epidemiological study of strains of *Shigella sonnei* from two related outbreaks, 589
- Feeding stuffs for animals in England and Wales and in Denmark; contamination by salmonellas, 127
- Foot-and-mouth disease virus; comparative complement-fixation studies with subtype strains of, 171
- Foot-and-mouth disease virus airborne in loose boxes; the effects of spraying on the amounts of, 551
- Gram-negative bacteria contaminating an operating theatre; Examination of water supplies, cleaning methods and wound infections, 63
- Haemagglutination-inhibiting antibody; its role in protection against challenge infection with influenza A2 and B viruses, 767
- Ham infected with *Salmonella panama* causing enteritis, 113
- Hepatitis within a liver unit; screening for transmission of, 197
- Host specificities of RNA phages, 55
- Immunization with tetanus toxoid by the respiratory route: the role of adjuvants, 627
- Immunofluorescence and complement-fixation for detection of *Bordetella pertussis* antibodies in human sera, 75
- Immunofluorescent technique; IgG, IgA and IgM responses in acute rubella determined by, 473
- Immunoglobulin class active in the Rose Bengal plate test for bovine brucellosis, identification of, 779
- Infant mortality from birth injury and atelectasis in England and Wales in 1958–67, urban variation in, 181
- Infection in skin wards, control by isolation, 545
- Influenza A2 and B viruses; the role of serum haemagglutination-inhibiting antibody in protection against challenge infection with, 767
- Influenza type C, interferon induction by, 13

- Influenza vaccines, live attenuated, detergent split and oil adjuvant; antibody responses and resistance to challenge in volunteers vaccinated with, 531
- Influenza virus; polyethylene glycol purification of with respect to aggregation and antigenicity, 255
- Influenza virus, the nature of its toxic reaction towards lung tissue, 425
- Influenza virus type C in the chick embryo, 1
- Interferon and rabies vaccines, 445
- Interferon induction by influenza type C, 13
- Intracerebral infection with *Bordetella pertussis*; the influence of the route of immunization on the protection of mice against, 487; passive protection of mice against, 707
- Isolation for the control of infection in skin wards, 545
- Isolation systems, evaluation of by biotyping of Enterobacteriaceae, 639
- Jamaicans, viral antibodies in the sera of, 523
- Mastitis in cows produced by the intramammary inoculation of T-mycoplasmas, 511
- Medium proteins; adsorption of to *Mycoplasma gallisepticum*, and their influence on agglutination and haemagglutination reactions, 267
- Membrane antigens of *Mycoplasma hominis*, 85
- Membrane filtration and multiple tube methods compared for the enumeration of coliform organisms in water, 691
- Multiple infection of cell cultures by TRIC organisms, some consequences of, 33
- Multiple infection; the development of TRIC organisms in cell cultures during, 39
- Mycoplasma gallisepticum*, studies on the adsorption of certain medium proteins to, 267
- Mycoplasma hominis*, membrane antigens of, 85
- Mycoplasma pulmonis* isolated from cases of respiratory disease in a colony of rats, 387
- National Collection of Type Cultures catalogue – 1972, 797
- Operating theatre contaminated by Gram-negative bacteria, 63
- Oral polio vaccine; routine administration of in a subtropical area. Factors possibly influencing sero-conversion rates, 719
- Osmotic injury in rapidly thawed T4 bacteriophage, 459
- Papilloma virus, human; serological studies in a student population prone to infection with, 677
- Parainfluenza 3 virus, inoculation of hamsters with a temperature sensitive mutant of, 229
- Parainfluenza virus, adenovirus and respiratory syncytial virus antibodies in sera of Jamaicans, 523
- Particle tracer used for assessment of the control by ventilation of airborne bacterial transfer between hospital patients, I, 279; II, 287; III, 299
- Peptides providing protection of T4 bacteriophage against inactivation during freezing and thawing, 465
- Pig farms and abattoirs, salmonellas in, 141
- Pigs, the incidence of salmonellas in, 151
- Pigs and animal feeding stuffs infected with salmonellas in England and Wales and in Denmark, 127
- Plaque variant of rubella virus, 49
- Polio vaccine, oral; routine administration in a subtropical area, 719
- Polyethylene glycol purification of influenza virus with respect to aggregation and antigenicity, 255
- Predicting proportions of affected herds from proportions of affected animals, 409
- Protection of T4 bacteriophage against inactivation during freezing and thawing by addition of peptides, 465
- Pseudomonas vaccines; specificity of early protective responses induced by, 343
- Purification of influenza virus by polyethylene glycol, 255
- Rabies vaccines and interferon, 445

- Redox potential measurements for determining the disinfecting power of chlorinated water, 313
- Resistance to challenge and antibody responses in volunteers vaccinated with live attenuated, detergent split and oil adjuvant A2/Hong Kong/68 (H<sub>3</sub>N<sub>2</sub>) influenza vaccines, 531
- Resistance to experimental aspergillosis in mice, 741
- Respiratory disease in a colony of rats, II. Isolation of *Mycoplasma pulmonis* from the natural disease, 387
- Respiratory immunization with tetanus toxoid; the role of adjuvants, 627
- Respiratory syncytial virus, adenovirus and parainfluenza virus antibodies in the sera of Jamaicans, 523
- RNA phages, host specificities of, 55
- Rose Bengal plate test for bovine brucellosis; identification of the immunoglobulin class active in, 779
- Route of immunization; its influence on the protection of mice infected intracerebrally with *Bordetella pertussis*, 487
- Rubella, acute; IgG, IgA and IgM responses in, determined by the immunofluorescent technique, 473
- Rubella virus, an unusual plaque variant of, 49
- Salmonella aberdeen* infection in cattle associated with human sewage, 121
- Salmonella panama* infection of ham causing enteritis, 113
- Salmonella typhi*, survival in sea-water, 223
- Salmonella typhimurium*; use of tartaric acid isomers and citric acid in the biotyping of, 651
- Salmonella typhimurium* in mice; the relative potencies of heat-killed and acetone-killed vaccines against, 597
- Salmonellas in pigs, an epidemiological study of the incidence of, 151
- Salmonellas in pigs and animal feeding stuffs in England and Wales and in Denmark, 127
- Salmonellas on pig farms and in abattoirs, 141
- Salmonella isolations from man, animals, meat products and abattoir effluents; an evaluation of strontium chloride, Rappaport and strontium selenite enrichment for, 367
- Sea-water, survival of *Salmonella typhi* in, 223
- Serological detection of enterotoxin in foods implicated in staphylococcal food poisoning, 755
- Serological studies in a student population prone to infection with human papilloma virus, 677
- Serum and conjunctival antibody response to trachoma in Gambian children, 727
- Sewage, human, associated with *Salmonella aberdeen* infection in cattle, 121
- Shigella sonnei*; an epidemiological study of strains from two related outbreaks, 589
- Simulated human skin scales, 557
- Skin diseases, yeasts in a hospital for patients with, 667
- Skin wards, isolation for the control of infection in, 545
- Spit-roasting and thawing of frozen dressed chickens; observations on procedures for, 565
- Spontaneous magnitude estimation of thermal discomfort during changes in the ambient temperature, 203
- Spraying, the effects of on the amounts of airborne foot-and-mouth disease virus present in loose-boxes, 551
- Spread of bacteria to the lymphatic organs in mice and colonization resistance of the digestive tract, 335
- Staphylococcal food poisoning; serological detection of enterotoxin in foods implicated in, 755
- Tanapox virus and Yaba-like viruses causing epidemic disease in monkeys; comparison of, 23
- Tartaric acid isomers and citric acid used in the biotyping of *Salmonella typhimurium*, 651
- Temperature sensitive mutant of parainfluenza 3 virus inoculated into hamsters, 229
- Tetanus toxoid immunization by the respiratory route; the role of adjuvants, 627
- Thawing and spit-roasting frozen dressed chickens; observations on procedures for, 565
- Thermal discomfort; spontaneous magnitude determination of during changes in the ambient temperature, 203
- T-mycoplasmas; the production of mastitis in cows by the intramammary inoculation of, 511
- Toxic reaction of influenza virus towards lung tissue, the nature of, 425

- Toxoplasma antibodies in the sera of immigrants to the United Kingdom from Asia and East Africa, 763
- Trachoma; the serum and conjunctival antibody response to in Gambian children, 727
- Transmission of hepatitis within a liver unit, 197
- Transmissible R-factors and antibiotic resistance in the intestinal coliform flora of healthy adults and children in an urban and a rural community, 99
- TRIC organisms; some consequences of the multiple infection of cell cultures by, 33
- TRIC organisms; development of in cell cultures during multiple infection, 39
- Typhoid carrier faeces, chemical closet treatment of, 439
- Typhoid fever caused by an unusual Vi-phage type in Edinburgh, 245
- Vaccine, oral polio, in a subtropical area, 719
- Vaccines, influenza, live attenuated, detergent split and oil adjuvant A2/Hong Kong/68, 531
- Vaccines, pseudomonas, specificity of early protective responses induced by, 343
- Vaccines, rabies, and interferon, 445
- Vaccines, heat-killed and acetone-killed against *Salmonella typhimurium*, 597
- Ventilation and the control of airborne bacterial transfer between hospital patients, I, 279; II, 287; III, 299
- Vibriocidal antibodies induced by *Yersinia enterocolitica* serotype IX, 161
- Viruses: adeno, 523; corona, 235; cowpox, 353; dengue, 611; echo 18, 325; foot-and-mouth disease, 171, 551; influenza, 255, 425; influenza A2 and B, 767; influenza C, 1, 13; human papiloma, 677; parainfluenza, 523, 229; respiratory syncytial, 523; rubella, 49; Tanapox, 23; vaccinia, 353; West Nile, 611; Yaba-like, 23
- Water, enumeration of coliform organisms in by membrane filtration and multiple tube methods, 691
- Water-borne typhoid fever caused by an unusual Vi-phage type in Edinburgh, 245
- Yeasts in a hospital for patients with skin diseases, 667
- Yersinia enterocolitica* serotype IX, vibriocidal antibodies induced by, 161