## **Index of Subjects**

Adenovirus antibodies in normal children, 155 Acetylethyleneimine in the production of inactivated foot-and-mouth disease vaccines, 337 Aerosols, influenza virus, infectivity of, 331 Airborne particles carrying micro-organisms, size distribution of, 385 Antiseptic reagents, the effect of on the bacterial flora of small-pox lymph, 187 Antiserum pools in the typing of enteroviruses in tissue culture, 479 Autoradiographic detection of radioactive bacteria introduced into sea water and sewage, 307 Bacterial respiration, measurement of on pig skin with micro-respirometers, 273 Bantu school children, salmonellae and shigellae in, 257 Buccal mucosa, absorption of diphtheria toxoid through, 425 Cattle, adverse reactions in, after vaccination with lapinized rinderpest virus, 193 Cells, primary monkey kidney, Hep 2 and HeLa. Their relative susceptibility to a variety of faecal viruses, 493 Chrome typhoid vaccine, 43 Clostridium welchi  $\alpha$ -antitoxin, incidence in Indian equines, 213 Colds, experimentally induced. Variations in the clinical pattern, 231 Common cold viruses. A survey in Royal Air Force recruits on arrival from civilian life, 471 Complement-fixation titres against the species-specific trachoma antigen in sera of trachoma patients, 31 Cross-infection in hospital by Staphylococcus aureus type 83A, 499 Desiccation, the effect of on the viability of Staphylococcus aureus, 265 Diphtheria toxoid absorbed through the buccal mucosa, 425 DPN-ase activity, production of by Salmonella typhi grown in vivo and in vitro, 1 Egg, unpasteurized liquid, associated with an outbreak of human infection due to Salmonella typhi-murium, phage type 4, 323 Electron microscopy of neurotropic African horse-sickness virus, 149 Enteric infections, intradermal TAB immunization against, 365 Enterovirus typing in tissue culture by neutralization with composite antiserum pools, 479 Extracts from normal and infected organs. Their effect on the bactericidal serum action on strains of Salmonella typhi grown in vivo and in vitro, 21 Faecal viruses, the relative susceptibility of primary monkey kidney cells, Hep 2 cells and HeLa cells to a variety of, 493 Floors, cleaning of with oiled mops, 393 Food poisoning. A milk-borne outbreak due to Salmonella heidelberg, 175 Food poisoning. An outbreak caused by Salmonella typhi-murium, phage type 12, probably spread by infected meat, 419 Foot-and mouth disease vaccines, the use of acetylethyleneimine in the production of, 337 Foot-and-mouth disease vaccines, in vitro measurement of the potency of, 345 Foot-and-mouth disease virus of type SAT 1. Antigenic differences between strains, 217 Gamma globulin. Its influence on the clinical reaction of Nigerian children to measles vaccine, 135

Gamma radiation for the elimination of salmonellae from various foods, 515 Germicidal activity on skin, estimated by a respirometer technique, 283

Haemophilus influenzae type B, naso-pharyngeal carriage of, 247 Hexachlorophene soap, used intermittently, 443

Immunizing potencies of acetone-killed vaccines prepared from Salmonella typhi grown in vivo and in vitro, 353

## Index of Subjects

Inclusion blennorrhoea and trachoma viruses grown in embryonate eggs, 67 Indian equines, incidence of natural *Clostridium*  $\alpha$ -antitoxin in, 213 Infection of wounds in a provincial general hospital, 95 Infection-promoting substances, production of by *Salmonella typhi* grown *in vivo* and *in vitro*,1 Influenza virus aerosols, infectivity of, 331 Intradermal TAB immunization against enteric infections, 365

Liberation of organisms from contaminated textiles, 507

Measles in Nigerian children, 115

Measles vaccine, efficacy of, 143

Measles vaccine with and without gamma globulin, the clinical reaction of Nigerian children to, 135

Median effective dose in bioassay, estimation of by optimum moving averages, 401

Mice infesting a food store. Combined use of rodenticidal dust and poison solution against them, 169

Micro-respirameters for the measurement of bacterial respiration on pig skin, 273 Milk-borne outbreak of food poisoning due to *Salmonella heidelberg*, 175 Myxomatosis studied by the Ouchterlony gel diffusion technique, 373 Myxoma virus, two attenuated strains isolated in Great Britain, 161

Naso-pharyngeal carriage of *Haemophilus influenzae* type B, 247 Nigerian children, measles in, 115

Oiled mops for cleaning hospital floors, 393

Optimum moving averages for the estimation of median effective dose in bioassay, 401 Ouchterlony gel diffusion technique in the study of myxomatosis, 373

Para-influenza 2 virus infections in adult volunteers, 407 pH-stability of rinderpest virus, studied in tissue culture, 205 Post-operative wound infection in a provincial general hospital, 95 *Pseudomonas aeruginosa*, its growth, toxigenicity and virulence, 485 Pyocines, the production and inactivation of, 431

Respirometer technique for estimating germicidal activity on skin, 283 Rift Valley fever virus, a slowly sedimenting infectious component of, 451 Rinderpest virus, lapinized. Adverse reactions in cattle after vaccination, 193 Rinderpest virus, studies in tissue culture on the pH-stability, 205 Ringworm flora of Birmingham. A seventeen-year survey, 291 Rodenticidal dust and poison solution; combined use against house-mice infesting a foodstore, 169

Salmonellae, elimination from foods by gamma radiation, 515 Salmonellae and shigellae in a group of periurban South African Bantu school children, 257 Salmonella heidelberg causing a milk-borne outbreak of food poisoning, 175 Salmonella typhi grown in vivo and in vitro, comparative studies on, 1, 21, 353 Salmonella typhi-murium, probably spread by infected meat, 419 Salmonella typhi-murium, phage type 4 infections, associated with the use of unpasteurized liquid egg, 323 Sea water, and sewage, autoradiographic detection of radioactive bacteria in, 307 Shigella sonnei, effect of various treatments after ultraviolet irradiation, 77 Shigellae, and salmonellae, in Bantu school children, 257 Size distribution of airborne particles carrying micro-organisms, 385 Skin, measurement of bacterial respiration on, 273 Skin, measurement of germicidal activity on, 283 Smallpox lymph, the effect of some antiseptic reagents on the bacterial flora of, 187 Staphylococcal infection, sources of in surgical wound sepsis, 83 Staphylococcus aureus, the effect of desiccation on the viability of, 265 Staphylococcus aureus type 83 A as a cause of hospital cross infection, 499

## 536

Textiles, liberation of organisms from, after contamination, 507 Toxoplasma gondii antibodies, 53 Toxoplasmosis, epidemiology of, 61 Toxicity of Salmonella typhi grown in vivo and in vitro, 1 Trachoma antigen, compliment fixation titres against, in sera of trachoma patients, 31 Trachoma and inclusion blennorrhoea viruses, growth in embryonate eggs, 67 Typhoid vaccine, chrome, 43 Typing of enteroviruses in tissue culture by neutralization with composite antiserum pools, 479

Ultraviolet irradiated Shigella sonnei, effect of various post-irradiation treatments on, 77

Virulence of Salmonella typhi grown in vivo and in vitro, 1

Viruses: African horse-sickness, 149; Adeno, 155; Common cold, 471; Entero, 479, 493; Foot-and-mouth disease, 217, 345; Inclusion blennorrhoea, 67; Influenza, 331; Myxoma, 161, 373; Para-influenza, 407; Rift Valley fever, 451; Rinderpest, 193, 205; Trachoma, 31, 67.

Woolsorter's disease, Simian. Recognition and therapy of, 317 Wound sepsis, sources of staphylococcal infection in, 83