

## INDEX OF SUBJECTS

- Agglutination in human and rabbit typhoid and dysentery sera, 50  
 Airborne droplets, nasal filtration of, 290  
 Animals, laboratory, feeding and breeding of: guinea pigs, 70; mice, 420; rabbits, 169; use of Cope-Chat record cards in, 327  
 Antiseptics as prophylactics in recent wounds, 297  
 Assays, biological, adjustment of results for variations in concomitant observations, 397  
 Avian tubercle bacilli, chromatinic structures in, 413  
 Avian tubercle bacilli, effect of phagocytosis in chicken tissue cultures, 354
- Bacillus coli*, morphological appearances in various stages, 410  
*Bacillus dysenteriae* Flexner, mode of origin of sulphamide-resistant strains, 28  
*Bacillus proteus*, morphological appearances in various stages, 410  
*Bacillus typhosus*, Craigie's Vi phage method with special reference to typhoid carriers, 118  
*Bacillus typhosus*, experiments on infection of cows with, 159  
 Bacterial colonies, growth of, and their viable population, 19  
 Bacterial infection in lower vertebrates and invertebrates, 128  
 Bacterial variant: the new non-motile H form, 417  
 Bacteriological investigation of washing and sterilization of food containers, 151  
 Bacteriology of dehydrated vegetables, 33  
 Biological assays, 397  
 Blood chloride, diurnal variation of, 455  
 Blood-clots, infected, standardized method of disinfecting, 12  
 Blood depletion, efficacy of protein hydrolysate in restoration of serum protein, 56  
 Blood haemoglobin, diurnal variation of, 455  
 Bug disinfestation in a prison, 354
- Cercariae, schistosome, suggested repellent for, 468  
 Chromatinic structures in avian tubercle bacilli, 413  
 Clinical nutritional surveys, 45  
 Colonies, bacterial, growth of, and viable populations in, 19  
 Comfort in domestic rooms, factors affecting, 434  
 Complement fixation in human and rabbit typhoid and dysentery sera, 50  
 Complications in scarlet fever, 25  
 Conglutination phenomenon: in experimental glanders, 497; introduction to, 480; technique of, 490; views of previous investigators, 480  
 Cope-Chat record cards, use in breeding experiments on laboratory animals, 327  
 Cows, experiments on infection with typhoid bacilli, 159  
 Craigie Vi phage method and South African strains of *B. typhosus*, 118  
 Cross infection in scarlet fever, 251  
 Digestibility of English and Canadian wheats, 59  
 Disinfectants, photometric method of comparative evaluation of, 1  
 Disinfection, dynamics of. Effect of lethal temperatures, 180, 333, 392  
 Disinfestation of bugs in a prison, 354  
 Droplets, airborne, nasal filtration of, 290
- Epidemic of respiratory infection in a rural population, 469  
 Erythrocyte sedimentation rate, diurnal variation of, 455  
 Evaluation, photometric, of disinfectants, 1
- Factory employment of women, effect of home duties on, 431  
 Feeding of laboratory animals, 70, 169, 327, 420  
 Fleas, vector efficiency in plague, 371  
 Foot-and-mouth disease in hedgehogs, 470  
 Fowls, *Salmonella Thompson* infection in, 265  
*Fusiformis necrophorus*, isolation and maintenance of an L1-like culture from, 407
- Glanders, experimental, the conglutinin test in, 497  
 Gram-negative bacteria, effect of penicillin on, 282
- Haematocrit, diurnal variation of, 453  
 Haemoglobin, blood, diurnal variation of, 455  
 Hedgehogs, foot-and-mouth disease in, 474  
 Hypoparathyroidism, some skin manifestations in, 93
- Infection, nutritional deficiency and resistance to, 103  
 Influenza A, epidemics in a rural population, 469  
 Immunity to bacterial infection in lower vertebrates and invertebrates, 128  
 Invertebrates, bacterial immunity and infection in, 128
- Laboratory animals, feeding and breeding of: guinea-pigs, 70; mice, 420; rabbits, 169; use of Cope-Chat record cards in, 327  
 L1-like organisms isolated from *Fusiformis necrophorus*, 407
- Meningitis, fatal, due to a capsulated Neisseria, 149  
 Method, photometric, of comparative evaluation of disinfectants, 1  
 Method, standardized, of disinfecting infected blood clots, 12  
 Mice, breeding of, 420  
 Mosquito repellents, 176  
 Molluscan shellfish, bacteriological examination of, 504
- Nasal filtration of airborne droplets, 290  
 Neisseria, capsulated, fatal meningitis due to, 149  
 Nurses, health of, at Westminster Hospital, 443  
 Nutritional deficiency and resistance to infection, 103  
 Nutritional surveys, clinical, 65

- Penicillin, effect upon gram-negative bacteria, 282  
 Penicillin-sulphonamide synergy, 282  
 Penicillin, synergic action of, and sulphathiazole in *S. typhi*, 313  
 Phage-resistant and phage-carrying strains of lactic streptococci, 307  
 Phagocytosis, effect of, on growth and survival of avian tubercle bacilli in embryonic chicken tissue, 359  
 Photometric method of comparative evaluation of disinfectants, 1  
 Plague, sylvatic, studies in, 371  
 Plasma protein, diurnal variation of, 455  
 Precipitinogen, thermolabile, separation and concentration of, from *Shigella dysenteriae* (Shiga), 123  
 Prisons, disinfestation of bugs in, 354  
 Protein hydrolysate, efficiency of, in restoring serum protein in hyperimmunized horse after blood depletion, 56
- Repellent suggested for *Schistosoma cercariae*, 468  
 Repellents against mosquitoes, 176  
 Return cases in scarlet fever, 251  
 Rooms, domestic, factors effecting warmth, comfort and stuffiness in, 434
- Salmonella Thompson* in fowls, 365  
*Salmonella typhi*, synergic action of penicillin and sulphathiazole on, 313  
*Salmonella typhi-murium*, effect of nutritional deficiency in susceptibility of rats and mice to, 103  
 Scarlet fever, incidence of cross-infection, complications and return cases, 251  
*Schistosoma cercariae*, a suggested repellent for, 468  
 Sera, human and rabbit, agglutination and complement fixation in, 50  
 Shellfish, molluscan, bacteriological examination of, 504  
*Shigella dysenteriae* (Shiga), thermolabile precipitinogen from, 123  
 Skin manifestations in hypoparathyroidism, 93
- Social factors in the incidence of extrapulmonary tuberculosis, 239  
 Somatic phase variation and importance of the serological standardization of O-suspensions, 111  
 Streptococci, lactic, phage-resisting and phage-carrying, 307  
 Stuffiness in domestic rooms, factors affecting, 434  
 Sulphonamide-resistant strains of *B. dysenteriae* Flexner, mode of origin of, 28  
 Sylvatic plague studies, 371
- T.A.B. vaccines, comparative studies of phenolized and alcoholized, 46  
 Tubercle bacilli, avian, chromatinic structures in, 413  
 Tubercle bacilli, avian, in tissue cultures, effect of phagocytosis, 359  
 Tuberculosis, extrapulmonary, influence on incidence of social factors, 239  
 Tuberculosis in Lanarkshire, 232  
 Typhoid bacilli, experiments on infection of cows with, 159
- Vaccines, comparative studies of phenolized and alcoholized T.A.B., 46  
 Variant, bacterial: new non-motile H form, 417  
 Variation, diurnal, in blood haemoglobin, etc., 455  
 Vector efficiency of fleas in plague, 371  
 Vegetables, dehydrated, bacteriology of, 38  
 Vertebrates, lower, bacterial infection and immunity in, 128
- Warmth in domestic rooms, factors affecting, 434  
 Westminster Hospital, health of nurses in, 443  
 Wheat protein, digestibility of, by man, 59  
 Wheats, English and Canadian, digestibility of, 59  
 Women, effect of home duties on factory employment, 431  
 Wounds, recent, value of prophylactic application of antiseptics to, 297