INDEX

Absorption of ragweed pollen material from the nose, The rate of.............. 419
Age, Influence of, upon antibody formation........................................... 315
Agglutinable properties of human blood, On the inheritance and racial dis-
tributio of....................................................................................... 87
Agglutination, Specific, and precipitation. I. The mechanism of the re-
actions.................................................................................... 393
Agglutinins, The toxicity of human serum for the guinea pig as affected by
absorption of.................................................................................. 23
Allergic testis reactions in guinea pigs with coccidoidal granuloma............. 121
Andervont, H. B. and M. J. Rosenau. Vaccinia: studies of immunity,
reactions and effects of heat.......................................................... 51
Ando, K. and H. Nishimura. Studies on the “toxins” of hemolytic strepto-
cocci. IV. Comparison of our specific toxin—true scarlatinal toxin—
with the purified preparations reported by other authors...................... 257
Ando, K. and K. Kurauchi. The titration of scarlatinal antitoxin in white
pigs................................................................................................. 341
V. The Dick test and allergic skin reactions to streptococcus nucleo-
proteins .................................................................................. 267
Ando, K., K. Kurauchi and H. Nishimura. Studies on the “toxins” of
hemolytic streptococci. III. On the dual nature of the Dick toxin .... 223
Antianaphylactic action of heparin, Further investigations on the re-
ported............................................................................................. 181
Antibodies, Distribution of, in the serum and organs of rabbits. VI. The
antibody content of the bile of immunized rabbits................................ 325
Antibody formation, Influence of age upon............................................ 315
Antibody, Note on the quantitative relations of antigen and, in agglutination
and precipitation reactions.................................................................. 483
Anticomplementary action of pancreatic extracts, On the......................... 27
Antigen and antibody, Note on the quantitative relations of, in agglutination
and precipitation reactions.................................................................. 483
Avery, Roy C. (joint author) with James M. Neill, William L. Fleming, John
Y. Sugg, Lurline V. Richardson and Bernard E. Kane. Hypersensitive-
ness to diphtheria bacterial products. Comparison of filtrates of highly
and of weakly toxigenic strains................................................... 437

Bile of immunized rabbits, Distribution of antibodies in the serum and organs
of rabbits. VI. The antibody content of the.................................... 325
Blockade, Parenteral denaturization of foreign proteins. IV. Effect of
endothelial..................................................................................... 431
Blood groups, Incidence of, among the Maya Indians of Yucatan.............. 433
INDEX

B. mallei, Diagnosis of glanders by precipitation with so-called "soluble specific substance" derived from ................................................................. 331
Boone, T. H. and W. H. Manwaring. Parenteral denaturization of foreign proteins. IV. Effect of endothelial blockade ........................................ 431
Breitbart, J. R. (joint author) with Milton B. Cohen, E. E. Ecker and J. A. Rudolph. The rate of absorption of ragweed pollen material from the nose ........................................................................................................... 419
B. typhosus and pneumococcus agglutinins, The effect of experimental typhus fever on ........................................................................................................ 159
B. welchii growth products, The relationship of two hemotoxic antigens in.......................................................................................... 141

Casman, E. P., George Valley and Leo F. Rettger. The serologic diagnosis of pullorum disease in domestic fowls. I. Variation in agglutinability of Bacterium pullorum and elimination of the so-called "cloudy" reaction 353
Casman, E. P. (joint author) with George Valley. The serologic diagnosis of pullorum disease in domestic fowls. II. The chemical nature and the mechanism of the "cloudy" reaction ........................................................................................................ 379
Cholesterol, Is the sensitizing effect of, for the antigen used in complement-fixation test for syphilis due to the contaminating sterol, ergosterol?........ 11
Citrate, A study of the effect of sodium, on the anti-pneumococcus defense processes of the body in relation to its use in transfusion .............. 187
"Cloudy" reaction, The serologic diagnosis of pullorum disease in domestic fowls. I. Variation in agglutinability of Bacterium pullorum and elimination of the so-called ........................................................................................................ 353
"Cloudy" reaction, The serologic diagnosis of pullorum disease in domestic fowls. II. The chemical nature and the mechanism of the ........................................................................................................ 379
Coccidioidal granuloma, Allergic testis reactions in guinea pigs with ...... 121
Cohen, Milton B., E. E. Ecker, J. R. Breitbart and J. A. Rudolph. The rate of absorption of ragweed pollen material from the nose ........................................................................................................ 419
Colloidal substances, The effect of the injection of, on experimental typhus fever ........................................................................................................................................................................ 153
Complement-fixation test for syphilis, Is the sensitizing effect of cholesterol for the antigen used in, due to the contaminating sterol, ergosterol? 11
Conglutination reaction (Bordet-Streng), The nature of the so-called ...... 169
Cypridina luciferase and luciferin in the body of a rabbit, The production of antibodies for .............................................................................................. 65

D'Andrea, Dorothy and Edwin F. Hirsch. Allergic testis reactions in guinea pigs with coccidioidal granuloma ......................................................... 121
Davidsohn, I. Further studies on Heterophilic antibodies in serum sickness ........................................................................................................ 31
Davidsohn, I. (joint author) with Susan G. Ramsdell. The toxicity of human serum for the guinea pig. Serum in various clinical conditions .. 473
Dean, H. R., N. E. Goldsworthy and C. Ten Broeck. The rate of disappearance of injected horse serum from the blood of the rabbit ............. 95
INDEX

Deitrick, John E. (joint author) with E. Newton Harvey. The production of antibodies for cypridina luciferase and luciferin in the body of a rabbit .......................................................... 65

Denaturization of foreign proteins, Parenteral. IV. Effect of endothelial blockade .......................................................... 431

Dick test, Studies on the “toxins” of hemolytic streptococci. V. The, and allergic skin reactions to streptococcus nucleoproteins .......... 267

Dick toxin, Studies on the “toxins” of hemolytic streptococci. III. On the dual nature of the .................................................................. 223

Dienes, L. and E. W. Schoenheit. The antigenic substances of the tubercle bacillus. V. The antigenic substances of the synthetic culture medium .............................................................. 285

Dienes, L. The specificity of the tuberculin type of sensitiveness produced with the different protein substances of the eggwhite ........... 279

Davidsohn, I. and Susan Griffith Ramsdell. The toxicity of human serum for the guinea pig as affected by absorption of agglutinins .......... 23

Denaturization of foreign proteins, Parenteral. III. Effect of heterologous sensitization ........................................................... 427

Diphtheria bacterial products, Hypersensitiveness to. Comparison of filtrates of highly and of weakly toxicogenic strains .................. 437

Diphtheria bacterial products, Hypersensitiveness to, Prevention of hypersensitive reactions by neutralization of the toxin previous to intradermal injection ......................................................... 455

Eagle, Harry. Specific agglutination and precipitation. I. The mechanism of the reactions .......................................................... 393

Eagle, Harry. The nature of the so-called conglutination reaction (Bordet-Streng) .............................................................. 169

Ecker, E. E. (joint author) with Milton B. Cohen, J. R. Breitbart and J. A. Rudolph. The rate of absorption of ragweed pollen material from the nose ...................................................................... 419

Ergosterol, Is the sensitizing effect of cholesterol for the antigen used in complement-fixation test for syphilis due to the contaminating sterol ...... 11

Fibrins of various species, On the action of serum on the ................. 17


Freund, Jules and Howard J. Henderson. Distribution of antibodies in the serum and organs of rabbits. VI. The antibody content of the bile of immunized rabbits .................................................. 325

Freund, Jules. Influence of age upon antibody formation .................. 315
INDEX


Glanders, Diagnosis of, by precipitation with so-called "soluble specific substance" derived from B. mallei. 331

Goldsworthy, N. E. (joint author) with H. R. Dean and C. Ten Broeck. The rate of disappearance of injected horse serum from the blood of the rabbit. 95

Goodner, Kenneth. Incidence of blood groups among the Maya Indians of Yucatan. 433

Grove, Ella F. On the anticomplementary action of pancreatic extracts. 27

Harvey, E. Newton and John E. Deitrick. The production of antibodies for cypridina luciferase and luciferin in the body of a rabbit. 65

Hemotoxic antigens in B. welchii growth products. The relationship of two. 141

Henderson, Howard J. (joint author) with Jules Freund. Distribution of antibodies in the serum and organs of rabbits. VI. The antibody content of the bile of immunized rabbits. 325

Heredity of the Landsteiner blood groups, Studies in isohemagglutination. III. On the. 201

Herpes virus, Further studies on. The influence of oxidation and reduction on the virulence of herpes filtrates. 1

Heterophilic antibodies in serum sickness, Further studies on. 31

Hirsch, Edwin F. and Dorothy D'Andrea. Allergic testis reactions in guinea pigs with coccidioidal granuloma. 121

Hodgkin's disease, Study of a case of, in a child. 127

Horse serum, The rate of disappearance of injected, from the blood of the rabbit. 95

Human serum, The toxicity of, for the guinea pig as affected by absorption of agglutinins. 23

Human serum, The toxicity of, for the guinea pig. Serum in various clinical conditions. 473

Hypersensitiveness to diphtheria bacterial products. Comparison of filtrates of highly and of weakly toxicogenic strains. 437

Hypersensitiveness to diphtheria bacterial products. Prevention of hypersensitive reactions by neutralization of the toxin previous to intradermal injection. 455

Inheritance and racial distribution of agglutinable properties of human blood. On the. 87

Indians of Yucatan, Incidence of blood groups among the. 433

Isohemagglutination, Studies in. III. On the heredity of the Landsteiner blood groups. 201

Kane, Bernard E. (joint author) with James M. Neill, William L. Fleming, John Y. Sugg, Roy C. Avery, and Lurline V. Richardson. Hypersensi-
tiveness to diphtheria bacterial products. Comparison of filtrates of highly and of weakly toxieogenic strains. ............................................. 437

Kurauchi, K. (joint author) with K. Ando. The titration of scarlatinal antitoxin in white pigs......................................................... 341


Landsteiner, K. and Philip Levine. On the inheritance and racial distribution of agglutinable properties of human blood. ................................. 87

L'Esperance, Elise S. A Case of Pel Ebstein's syndrome of tuberculous origin................................................................. 133

L'Esperance, Elise S. Study of a case of Hodgkin's disease in a child. .... 127

Lederer, Max (joint author) with Alexander S. Wiener and S. H. Polayes. Studies in isohemagglutination. III. On the heredity of the Landsteiner blood groups................................................................. 201

Levine, Philip (joint author) with K. Landsteiner. On the inheritance and racial distribution of agglutinable properties of human blood.............. 87

Luciferin in the body of a rabbit, The production of antibodies for cypridina luciferase and. .......................................................... 65

Maltaner, Elizabeth. Is the sensitizing effect of cholesterol for the antigen used in complement-fixation test for syphilis due to the contaminating sterol, ergosterol.................................................... 11


Manwaring, W. H. (joint author) with T. H. Boone. Parenteral denaturiza-
tion of foreign proteins. IV. Effect of endothelial blockade................. 431

Mechanism, Specific agglutination and precipitation. I. The, of the reac-
tions........................................................................... 393


Nishimura, H. (joint author) with K. Ando. Studies on the "toxins" of hemolytic streptococci. IV. Comparison of our specific toxin—true scarlatinal toxin—with the purified preparations reported by other authors ................................................................. 257

Nucleoproteins, Studies on the "toxins" of hemolytic streptococci. V. The Dick test and allergic skin reactions to streptococcus................. 267
Odell, Helen R. Observations on the standardization of antipneumococcus serum by the protection test. 73
Ozaki, K. (joint author) with K. Ando. Studies on the "toxins" of hemolytic streptococci. V. The Dick test and allergic skin reactions to streptococcus nucleoproteins. 267
Pancreatic extracts, On the anticomplementary action of. 27
Parenteral denaturization of foreign proteins. III. Effect of heterologous sensitization. 427
Parenteral denaturization of foreign proteins. IV. Effect of endothelial blockade. 431
Pel Ebstein's syndrome, A case of, of tuberculous origin. 133
Pneumococcus agglutinins, The effect of experimental typhus fever on B. typhosus and. 159
Pneumococcus, Observations on the standardization of antiserum by the protection test. 73
Proteins, Parenteral denaturization of foreign, III. Effect of heterologous sensitization. 427
Proteins, Parenteral denaturization of foreign, IV. Effect of endothelial blockade. 431
Pullorum disease in domestic fowls, The serologic diagnosis of, II. The chemical nature and the mechanism of the "cloudy" reaction. 379
Pullorum disease, The serologic diagnosis of, in domestic fowls. I. Variation in agglutinability of Bacterium pullorum and elimination of the so-called "cloudy" reaction. 353
Precipitation, Specific agglutination and, I. The mechanism of the reactions. 393
Quantitative relations of antigen and antibody in agglutination and precipitation reactions, Note on the. 483
Racial distribution of agglutinable properties of human blood, On the inheritance and. 87
Ragweed pollen, The rate of absorption of, from the nose. 419
Ramsdell, Susan Griffith (joint author) with I. Davidsohn. The toxicity of human serum for the guinea pig as affected by absorption of agglutinins. 23
Ramsdell, Susan G. and I. Davidsohn. The toxicity of human serum for the guinea pig. Serum in various clinical conditions. 473
Rate of disappearance of injected horse serum from the blood of the rabbit, The. 95
Redfern, William W. Skin reactions produced by antihuman serum. 109
Reed, C. I. Further investigations on the reported antianaphylactic action of heparin. 181
INDEX 493

Reimann, Hobart A. The effect of the injection of colloidal substances on experimental typhus fever ............................................. 153
Reimann, Hobart A. and C. J. Wu. The effect of experimental typhus fever on *B. typhosus* and pneumococci agglutinins ......................... 159
Rettger, Leo F. (joint author) with E. P. Casman and George Valley. The serologic diagnosis of pullorum disease in domestic fowls. I. Variation inagglutinability of *Bacterium pullorum* and elimination of the so-called "cloudy" reaction .................................................... 353
Richardson, Lurline V. (joint author) with James M. Neill, William L. Fleming, John Y. Sugg, Roy C. Avery and Bernard E. Kane. Hypersensitivity to diphtheria bacterial products. Comparison of filtrates of highly and of weakly toxicogenic strains .................................................. 437
Rosenau, M. J. (joint author) with H. B. Andervont. Vaccinia: studies of immunity, reactions and effects of heat ........................................ 51

Sakamoto, K. Diagnosis of glanders by precipitation with so-called "soluble specific substance" derived from *B. mallei* ................................ 331
Samuels, S. L. (joint author) with A. F. Schnayerson. The relationship of two hemotoxic antigens in *B. welchii* growth products .................. 141
Scarlatinal antitoxin in white pigs, The titration of .......................... 341
Scarlatinal toxin, Studies on the "toxins" of hemolytic streptococci, IV. Comparison of our specific toxin—true,—with the purified preparations reported by other authors .............................. 257
Schoenheit, E. W. (joint author) with L. Dienes. The antigenic substances of the tubercle bacillus. V. The antigenic substances of the synthetic culture medium .............................................. 285
Seasteone, C. V., Jr. (joint author) with Hans Zinsser. Further studies on herpes virus. The influence of oxidation and reduction on the virulence of herpes filtrates .............................................. 1
Sensitization, Parenteral denaturization of foreign proteins, III. Effect of heterologous ......................................................... 427
Sheo, Nan Cheer. A study of the effect of sodium citrate on the anti-pneumococci defense processes of the body in relation to its use in transfusion ............................................................... 187
Skin reactions produced by antihuman serum ................................... 109
"Soluble specific substance" derived from *B. mallei*, Diagnosis of glanders by precipitation with ........................................ 331
Streptococci, Studies on the "toxins" of hemolytic, III. On the dual nature of the Dick toxin ..................................................... 223
Streptococci, Studies on the "toxins" of hemolytic, IV. Comparison of our specific toxin—true scarlatinal toxin—with the purified preparations reported by other authors ........................................ 257
Streptococci, Studies on the "toxins" of hemolytic, V. The Dick test and allergic skin reactions to streptococcus nucleoproteins .............................. 267
Sugg, John Y. (joint author) with James M. Neill, William L. Fleming, Roy C. Avery, Lurlene V. Richardson and Bernard E. Kane. Hypersensitivity to diphtheria bacterial products. Comparison of filtrates of highly and of weakly toxicogenic strains ........................................ 437
Synthetic culture medium, The antigenic substances of the tubercle bacillus, V. The antigenic substances of the ........................................... 285

Ten Broeck C. (joint author) with H. R. Dean and N. E. Goldsworthy. The rate of disappearance of injected horse serum from the blood of the rabbit .............................................................. 95
"Toxins" of hemolytic streptococci, Studies on the, IV. Comparison of our specific toxin—true scarlatinal toxin—with the purified preparations reported by other authors .................................................. 257
"Toxins" of hemolytic streptococci, Studies on the, III. On the dual nature of the Dick toxin .......................................................... 223
"Toxins" of hemolytic streptococci, Studies on the, V. The Dick test and allergic skin reactions to streptococcus nucleoproteins ....... 267
Toxicity of human serum for the guinea pig, The. Serum in various clinical conditions .......................................................... 473
Transfusion, A study of the effect of sodium citrate on the anti-pneumococcus defense processes of the body in relation to its use in ............. 187
Tubercle bacillus, The antigenic substances of the, V. The antigenic substances of the synthetic culture medium ........................... 285
Tuberculin type of sensitiveness, The specificity of the, produced with the different protein substances of the eggwhite ................. 279
Typhus fever, The effect of experimental, on B. typhosus and pneumococcus agglutinins .......................................................... 159

Vaccinia: Studies of immunity, reactions and effects of heat ........ 51
Valley, George and E. P. Casman. The Serologic Diagnosis of pullorum disease in domestic fowls. II. The chemical nature and the mechanism of the "cloudy" reaction .................................................. 379
Valley, George (joint author) with E. P. Casman and Leo F. Rettger. The serologic diagnosis of pullorum disease in domestic fowls. I. Variation in agglutinability of Bacterium pullorum and elimination of the so-called "cloudy" reaction .................................................. 353
Van Der Scheer, J. On the action of serum on the fibrins of various species .......................................................... 17

White pigs, The titration of scarlatinal antitoxin in ................... 341
Wu, C. J. (joint author) with Hobart A. Reimann. The effect of experimental typhus fever on B. typhosus and pneumococcus agglutinins .......................................................... 159
Zinsser, Hans. Note on the quantitative relations of antigen and antibody in agglutination and precipitation reactions............................ 483
Zinsser, Hans and C. V. Seastone, Jr. Further studies on herpes virus. The influence of oxidation and reduction on the virulence of herpes filtrates.. 1