Acidosis and some of the factors which influence it (Lang) 456
Alveolar air in man, effect of the ingestion of urea, sodium lactate and sodium bicarbonate on the composition of (Momose) 485
Amino nitrogen, the free, of the different proteins of ox and horse serum (Hartley) 269
Antigen, excretion of (Porter) 1
Antigens, detection and concentration of, by ultrafiltration, pressuredialysis, etc. (Glenny and Walpole) 298
Auxo-lipase of serum (Tsuiji) 53
Azotobacter, soil organic matter as a culture medium for (Mockeridge) 272
Bacillus coli communis, the reducing enzyme of (Harden and Zilva) 379
Barendrecht, H. P. A simple hydrogen electrode 66
Barratt, J. O. W. Thrombin and calcium chloride in relation to coagulation 511
Beam, W. and Freak, G. A. On a greatly improved haemin test for blood, with notes on some recently proposed methods 161
Blood, a greatly improved haemin test for (Beam and Freak) 161
Blood, creatininuria and changes in the sugar content of (MacAdam) 229
Blood, effect of alkalis on the rates of oxidation and reduction of (Kato) 393
Blood, effect of ingestion of urea, sodium lactate and sodium bicarbonate on the reaction of (Momose) 485
Blood elements, part played by, in glycolysis (MacLean and Weir) 412
Blood, fixation of salvarsan and neosalvarsan by (Young) 479
Blood, quantitative determination of glyoxalase in the (Dudley) 253
Boletus edulis, origin of the glucosamine obtained in the hydrolysis of (Ross) 313
Bottomley, W. B. The formation of humic bodies from organic substances 260
Brown, W. Preliminary note on the preparation of collodion dialysers of graded permeability 320
Brown, W. The preparation of collodion membranes of differential permeability 591
Calcium chloride in relation to coagulation (Barratt) 511
Carbohydrate, influence of, on protein metabolism and output of sulphur (Tsuiji) 439
Carbohydrate, influence of, on the excretion of endogenous purines (Umeda) 421
"Carnaubon," lignoceric acid from (Rosenheim and MacLean) 103
Caseinogen, preparation and composition of (Mellanby) 342
Caseinogens, the specificity of (Dudley and Woodman) 97
Cholesterol content of the tissues of growing rats (Lander) 78
Coagulation process of milk, the reaction and calcium content as factors in the (Milroy) 215
Coagulation, thrombin and calcium chloride in relation to (Barratt) 511
Co-enzyme, of inactive lipase, the nature of (Umeda) 38
"Co-enzyme" of the urease of the soy-bean (Onodera) 575
Collodion dialysers of graded permeability, preparation of (Brown) 320
Collodion membranes for ultrafiltration and pressure dialysis (Walpole) 284
Collodion membranes of differential permeability, preparation of (Brown) 501
Cotton seed meal, note on toxic (Symes and Gardner) 9
Counter diffusion in aqueous solution (Walpole) 132
Cow, study of the caseinogen of (Dudley and Woodman) 97
Cramer, W. A new test for reducing sugars in urine 156
Cramer, W. On the cause and significance of an abnormal reaction obtained in testing urine for sugar with Fehling's solution 71
Creatine, the output of, in glycosuria (Tsuiji) 449
Creatininuria, relationship of, to changes in sugar content of the blood (MacAdam) 229
Cruickshank, E. W. H. The digestion and absorption of protein and fat in normal and depancreatised animals 138
Depancreatised animals, the digestion and absorption of protein and fat in (Cruickshank) 138
INDEX

Dextrose, remarks on Rubner's test for (Rogerson) 245
Diabetes, experimental, a study of the metabolism in (Moorhouse, Patterson and Stephenson) 171
Dialysers, preparation of collodion, of graded permeability (Brown) 320
Diaz reactions of histidine and tyrosine (Totani) 385
Digestion des protéines de la viande, nouvelles recherches sur la (Zunz) 17
Digestion, relation of salivary to gastric (Maxwell) 323
Diphtheria toxin, detection and concentration of, by ultrafiltration, pressure dialysis, etc. (Glenny and Walpole) 298
Drummond, J. C. Volumetric estimation of total sulphur and sulphates in small quantities of urine 492
Dudley, H. W. The quantitative determination of glyoxalase in the blood and some of its applications 263
Electrode, a simple hydrogen (Barendrecht) 66
Ellagic acid, formation of, from galloyl-glycine by Penicillium (Nierenstein) 240
Enzyme, reducing of Bacillus coli communis (Harden and Zilva) 379
Enzymes, reducing, of dried yeast and rabbit muscle (Harden and Norris) 330
Excretion of endogenous purines under the influence of fat and carbohydrate (Umeda) 421
Fat, influence of, on protein metabolism and output of sulphur (Tsuiji) 439
Fat, influence of, on the excretion of endogenous purines (Umeda) 421
Fat, the digestion and absorption of, in normal and depancreatised animals (Cruckshank) 138
Filtration under diminished pressure, simple apparatus for (Irvine) 321
Freak, G. A. see Beam, W. 161
Galloyl-glycine, formation of ellagic acid from, by Penicillium (Nierenstein) 240
Gardner, J. A. see Symes, W. L. 9
Gastric digestion, relation of, to salivary (Maxwell) 323
Grake, A. and Nierenstein, M. Note on tyrosine 309
Glenny, A. T. and Walpole, G. S. Detection and concentration of antigens by ultrafiltration, pressure dialysis, etc. with special reference to diphtheria and tetanus toxins 298
Globulins, a new method for the preparation of the plant (Reeves) 508
Glucosamine, the origin of, the obtained in the hydrolysis of Boletus edulis (Rose) 313
Glycoysis, part played by the different blood elements in (MacLean and Weir) 412
Glycosuria, output of creatine in (Tsuiji) 449
Glyoxalase, quantitative determination of, in the blood (Dudley) 253
Haemin test for blood, a greatly improved (Beam and Freak) 161
Harden, A. and Norris, R. V. The reducing enzymes of dried yeast (Lebedeff) and of rabbit muscle 330
Harden, A. and Zilva, S. S. The reducing enzyme of Bacillus coli communis 379
Hartley, P. The free amino nitrogen of the different proteins of ox and horse serum 269
Histidine, diazo reactions of (Totani) 385
Hopkins-Cole reaction for protein, a note on the (Breidahl) 36
Humic bodies, formation of, from organic substances (Bottomley) 260
Hydrogen electrode, a simple (Barendrecht) 66
Inhibition produced by certain sera on the coagulating power of rennet, researches on (Thaysen) 110
Irvine, J. C. A simple apparatus for filtration under diminished pressure 321
Kato, T. The effect of alkalis on the rates of oxidation and reduction of blood 393
Lactose, remarks on Rubner's test for (Roger- son) 245
Lander, P. E. On the cholesterol content of the tissues of growing rats when under various diets 78
Lang, R. M. Acidosis and some of the factors which influence it. 456
"Lecithin," composition of (MacLean) 351
Lignoceric acid from "Carnaubon" (Rosenheim and MacLean) 103
Lipase, inactive, and the nature of its co-enzyme (Umeda) 38
MacAdam, W. The relationship of creatininuric to changes in the sugar content of the blood 229
MacLean, H. The composition of "lecithin," together with observations on the distribution of phosphatides in the tissues and methods for their extraction and purification 351
MacLean, H. see Rosenheim, O. 103
MacLean, H. and Weir, H. B. The part played by the different blood elements in glycoysis 412
Maxwell, L. A. I. The relation of salivary to gastric digestion 323
Mellanby, J. The preparation and composition of caseinogen 342
Membranes, collodion, for ultrafiltration and pressure dialysis (Walpole) 284
Membranes, the preparation of, of differential permeability (Brown) 591
Metabolism, a study of, in experimental diabetes (Moorhouse, Patterson and Stephenson) 171
Metabolism, protein, influence of carbohydrate and fat on (Tsuiji) 439
Milk, the reaction and calcium content of, as factors in the coagulation process (Milroy) 215

Milroy, T. H. The reaction and calcium content of milk as factors in the coagulation process 215

Mockerdorjoe, F. A. Soil organic matter as a culture medium for Azotobacter 272

Momose, G. The effect of ingestion of urea, sodium lactate and sodium bicarbonate on the reaction of the blood and the composition of the alveolar air in man 485

Moorehouse, V. H. K., Patterson, S. W. and Stephenson, M. A study of the metabolism in experimental diabetes 171

Muscle, rabbit, reducing enzyme of (Harden and Norris) 330

Neosalvarsan, fixation of, by the blood (Young) 479

Nierenstein, M. see Grake, A. 309

Nierenstein, M. The formation of ellagic acid from galloyl-glycine by Penicillium 240

Norris, R. V. see Harden, A. 330

Onodera, N. The effects of various substances (electrolytes, non-electrolytes, alkaldoids, etc.) upon the urease of soy-bean 544

Onodera, N. The urease of the soy-bean and its "co-enzyme" 575

Oxidation of blood, effect of alkalis on the rate of (Kato) 393

Patterson, S. W. see Moorehouse, V. H. K. 171

Penicillium, formation of ellagic acid from galloyl-glycine by (Nierenstein) 240

Phosphatides, distribution of, in the tissues and methods for their extraction and purification (MacLean) 351

Porter, A. E. The excretion of antigen 1

Pressure dialysis, colloidion membranes for (Walpole) 284

Pressure dialysis, detection and concentration of antigens by (Gleneny and Walpole) 298

Protein, Hopkins-Cole reaction, a note on (Breidahl) 36

Protein metabolism, influence of carbohydrate and fat on (Tsui) 439

Protein, the digestion and absorption of, in normal and depancreatised animals (Cruckshank) 138

Protéines de la viande, nouvelles recherches sur la digestion des (Zunz) 17

Proteins, the free amino nitrogen of the different, of ox and horse serum (Hartley) 269

Purines, endogenous, excretion of, under the influence of fat and carbohydrate (Umeda) 421

Pyrophosphate of sodium, the toxicity of, administered in food (Symes and Gardner) 9

Rats, growing, cholesterol content of the tissues of (Landor) 78

Reducing enzyme of Bacillus coli communis (Harden and Zilva) 379

Reducing enzymes of dried yeast (Lebedeff) and of rabbit muscle (Harden and Norris) 330

Reduction of blood, effect of alkalis on the rate of (Kato) 393

Reeves, G. A new method for the preparation of the plant globulins 508

Rennet, inhibition produced by certain sera on the coagulating power of, researches on (Thaysen) 110

Rogerson, H. The action of normal and basic lead acetates on the sugars, with remarks on Rubner's test for dextrose and lactose 245

Ross, W. The origin of the glucosamine obtained in the hydrolysis of Boletus edulis 313

Rubner's test for dextrose and lactose, remarks on (Rogerson) 245

Salivary digestion, relation of, to gastric (Maxwell) 323

Salvarsan, fixation of, by the blood (Young) 479

Sera, inhibition produced by certain, on the coagulating power of rennet, researches on (Thaysen) 110

Serum, auxo-lipase of (Tsui) 53

Serum, ox and horse, the free amino nitrogen of the different proteins of (Hartley) 269

Sheep, study of the caseinogens of (Dudley and Woodman) 97

Sodium bicarbonate, effect of ingestion of, on the reaction of the blood and composition of the alveolar air in man (Momose) 485

Sodium lactate, effect of ingestion of, on the reaction of the blood and composition of the alveolar air in man (Momose) 485

Soy-bean, effects of various substances upon the urease of (Onodera) 544

Soy-bean, urease of, and its "co-enzyme" (Onodera) 575

Spiers, H. M. The supposed synthesis of uric acid from its decomposition products by tissue extracts 337

Stephenson, M. see Moorehouse, V. H. K. 171

Sugar, abnormal reaction obtained in testing urine for (Cramer) 71

Sugar content of the blood, relationship of creatininia to changes in (MacAdam) 229

Sugars, action of normal and basic lead acetates on the (Rogerson) 245

Sugars, reducing, new test for, in urine (Cramer) 156

Sulphates, volumetric estimation of, in small quantities of urine (Drummond) 492

Sulphur, output of, under the influence of carbohydrate and fat (Tsui) 439

Sulphur, volumetric estimation of total, in small quantities of urine (Drummond) 492

Symes, W. L. and Gardner, J. A. The toxicity of sodium pyrophosphate administered in food; with a note on toxic cotton seed meal 9

Tetanus toxin, detection and concentration of, by ultrafiltration, pressure dialysis, etc. (Gleneny and Walpole) 298
INDEX

Thaysen, A. C. Researches on the inhibition produced by certain sera on the coagulating power of rennet 110
Thrombin, in relation to coagulation (Barratt) 511
Totani, G. On the diazo reactions of histidine and tyrosine 385
Tsujii, K. Influence of carbohydrate and fat on protein metabolism with special reference to the output of sulphur 439
Tsujii, K. On the auxo-lipase of serum 53
Tsujii, K. The output of creatine in glycosuria 449
Tyrosine (Geake and Nierenstein) 309
Tyrosine, diazo reactions of (Totani) 385
Ultrafiltration, collodion membranes for (Walpole) 284
Ultrafiltration, detection and concentration of antigens by (Glenny and Walpole) 298
Umeda, N. Influence of fat and carbohydrate on the excretion of endogenous purines in the urine of dog and man 421
Umeda, N. On inactive lipase and the nature of its co-enzyme 38
Urea, effect of ingestion of, on the reaction of the blood and composition of the alveolar air in man (Momose) 485
Urease of soy-bean, effects of various substances upon (Onodera) 544
Urease of the soy-bean and its "co-enzyme" (Onodera) 575
Uric acid, supposed synthesis of, by tissue extracts (Spiers) 337
Urine, abnormal reaction obtained in testing for sugar in (Cramer) 71
Urine, new test for reducing sugars in (Cramer) 156
Urine, volumetric estimation of total sulphur and sulphates in small quantities of (Drummond) 492
Walpole, G. S. see Glenny, A. T. 298
Walpole, G. S. Counter diffusion in aqueous solution 132
Walpole, G. S. Notes on collodion membranes for ultrafiltration and pressure dialysis 284
Web, H. B. see Maclean, H. 412
Woodman, H. E. see Dudley, H. W. 97
Yeast, dried, reducing enzyme of (Harden and Norris) 330
Young, W. J. Fixation of salvarsan and neosalvarsan by the blood after intravenous injection 479
Zilva, S. S. see Harden, A. 379
Zunz, E. Nouvelles recherches sur la digestion des protéines de la viande cuite chez le chien 17

Cambridge: printed by John Clay, M.A. at the University Press