

# CONTENTS

The Histogenesis of Primary Hepatic Carcinoma. J. P. BESWICK and G. B. D. SCOTT .....	
Primary Liver Cell Carcinoma 24 Years after Intravenous Injection of Thorotrast. A. D. MORGAN, W. H. W. JAYNE, and D. MARRACK .....	
Foam Cells in the Stroma of Carcinoma of the Body of the Uterus and Uterine Cervical Polypi. HILDA R. HARRIS .....	
Non-silicious, Doubly Refractile Crystals in the Giant Cells of Tuberculosis. CHARLES P. FARTHING and BASIL G. PICKLES .....	
Fat Embolism Studied in 100 Patients Dying after Injury. H. E. EMSON .....	
Traumatic Dissecting Aneurysms. T. K. MARSHALL .....	
Antithromboplastin: the Degeneration of Intrinsic Thromboplastin in Normal Serum. C. G. BERRY .....	
Placental Transfer of the Lupus Erythematosus Factor. DAVID BURMAN and R. A. M. OLIVER .....	
A Leukaemoid Blood Picture in Megaloblastic Anaemia of the Puerperium. G. SCLARE and J. CRAIG .....	
Rh Antibodies and the Prozone Phenomenon. P. H. RENTON and JEANNE A. HANCOCK .....	
The Influence of Age on Red Cell Diameter. A. I. SPRIGGS and R. A. SLADDEN .....	
Comparison of Quick's, Owren's, and Ware's Techniques for the Control of Anticoagulant Therapy. M. TOOHEY .....	
Owren's Method for the Control of Anticoagulant Therapy. M. J. ALLINGTON .....	
The Isolation of Chromogenic Mycobacteria from Laryngeal Cultures. MIKLÓS LÁNYI .....	
A Method for Typing <i>Shigella sonnei</i> , using Colicine Production as a Marker. J. D. ABBOTT and R. SHANNON .....	
The Response of Urinary 17-Hydroxycorticoids to Corticotrophin Zinc as a Test of Adrenal Corticoid Function. J. S. JENKINS .....	
Studies on Fibrinolysin Using a Clinically Practical Method of Quantitative Determination. EDWARD ADELSON and WILLIAM H. ROEDER .....	
A Comment on the Fractional Indirect Diazo Reaction. F. VELLA .....	
<b>Technical Methods:</b>	
A Simple Apparatus for Shaking Bacterial Cultures. R. H. GORRILL and DOREEN A. NEEDS .....	
Perspex Jars for Pathological Museums. L. W. PROGER .....	
An Automatic Staining Machine Designed for Staining Blood Films Made on Coverslips. WILLIAM M. DAVIDSON, F. R. BAREHAM, L. D. KITCHEN, and S. H. PEGG .....	
An Apparatus for Holding Chromatography Paper During "Spotting-On." D. N. BARON .....	
Book Reviews .....	

## CONTENTS

	PAGE
No. 1. <i>JANUARY</i> , 1958	
The Histogenesis of Primary Hepatic Carcinoma. I. P. BESWICK and G. B. D. SCOTT .....	1
Primary Liver Cell Carcinoma 24 Years after Intravenous Injection of Thorotrast. A. D. MORGAN, W. H. W. JAYNE, and D. MARRACK .....	7
Foam Cells in the Stroma of Carcinoma of the Body of the Uterus and Uterine Cervical Polypi. HILDA R. HARRIS Non-silicious, Doubly Refractile Crystals in the Giant Cells of Tuberculosis. CHARLES P. FARTHING and BASIL G. PICKLES .....	19
Fat Embolism Studied in 100 Patients Dying after Injury. H. E. EMSON .....	23
Traumatic Dissecting Aneurysms. T. K. MARSHALL .....	28
Antithromboplastin: the Degeneration of Intrinsic Thromboplastin in Normal Serum. C. G. BERRY .....	36
Placental Transfer of the Lupus Erythematosus Factor. DAVID BURMAN and R. A. M. OLIVER .....	39
A Leukaemoid Blood Picture in Megaloblastic Anaemia of the Puerperium. G. SCLARE and J. CRAGG .....	43
Rh Antibodies and the Prozone Phenomenon. P. H. RENTON and JEANNE A. HANCOCK .....	45
The Influence of Age on Red Cell Diameter. A. I. SPRIGGS and R. A. SLADDEN .....	49
Comparison of Quick's, Owren's, and Ware's Techniques for the Control of Anticoagulant Therapy. M. TOOHEY	53
Owren's Method for the Control of Anticoagulant Therapy. M. J. ALLINGTON .....	56
The Isolation of Chromogenic Mycobacteria from Laryngeal Cultures. MIKLÓS LÁNYI .....	62
A Method for Typing <i>Shigella sonnei</i> , using Colicine Production as a Marker. J. D. ABBOTT and R. SHANNON	69
The Response of Urinary 17-Hydroxycorticoids to Corticotrophin Zinc as a Test of Adrenal Cortical Function. J. S. JENKINS .....	71
Studies on Fibrinolysin Using a Clinically Practical Method of Quantitative Determination. EDWARD ADELSON and WILLIAM H. ROEDER .....	78
A Comment on the Fractional Indirect Diazo Reaction. F. VELLA .....	82
Technical Methods:	
A Simple Apparatus for Shaking Bacterial Cultures. R. H. GORRILL and DOREEN A. NEEDS .....	87
Perspex Jars for Pathological Museums. L. W. PROGER .....	89
An Automatic Staining Machine Designed for Staining Blood Films Made on Coverslips. WILLIAM M. DAVIDSON, F. R. BAREHAM, L. D. KITCHEN, and S. H. PEGG .....	92
An Apparatus for Holding Chromatography Paper During "Spotting-On." D. N. BARON .....	96
Book Reviews .....	97
	98
No. 2. <i>MARCH</i> , 1958	
A Study of Surgically Removed Specimens of Breast, with Special Reference to Sclerosing Adenosis. A. T. SANDISON .....	101
The Staining Reactions of Chordoma. T. CRAWFORD .....	110
Congenital Toxoplasmosis. R. D. MONTGOMERY, BARBARA DONNISON, and HUGH JOLLY .....	114
Lymphadenopathy in Toxoplasmosis. J. K. A. BEVERLEY, J. P. CALEY, and A. J. N. WARRACK .....	119
Primary Melanoma of the Leptomeninges. J. BOUTON .....	122
Transfusional Haemosiderosis Simulating Haemochromatosis. J. TREVOR HUGHES and LESLIE H. TRUELOVE	128
Cerebral Thromboangiitis Obliterans. L. WOLMAN .....	133
Pleomorphic Sarcoma of Thigh with Long Survival. D. F. CAPPELL and J. M. JOHNSTONE .....	139
Haemangio-endothelioma of the Spleen and Liver. R. G. TASKER .....	142
A Case of Wegener's Granulomatosis. A. M. THOMAS .....	146
Factors Affecting the Rate of Coupling of Bilirubin and Conjugated Bilirubin in the van den Bergh Reaction. G. H. LATHE and C. R. J. RUTHVEN .....	155
Amino-aciduria Accompanying Untreated Pernicious Anaemia and Subacute Combined Degeneration of the Spinal Cord. C. W. CRANE, R. A. HAYES, and G. C. DE GRUCHY .....	162
A Screening Test for Steatorrhoea Using <sup>131</sup> I-labelled Triolein. M. LUBRAN and J. D. PEARSON .....	165
A Comparison of Direct and Extraction Methods for the Determination of T-1824 (Evans Blue) in Plasma and Serum. J. F. MURRAY and J. P. SHILLINGFORD .....	170
Plasma Chromogen and the Endogenous Creatinine Clearance. M. H. ROSCOE .....	173
Serum Hexosamine Levels in Health and Disease. SARA WEIDEN .....	177

**CONTENTS**

PAGE

Normal Faecal Porphyrin Values in Babies. W. M. POLITZER and I. KESSEL .....	183
The Sensitivity of Various Bacteria to Antibiotics During the Years 1951 to 1956. C. GILES and EILEEN M. SHUTTLEWORTH .....	185
<b>Technical Methods:</b>	
A Simple and Safe Method for Determining the Sensitivity of Tubercle Bacilli to Antituberculous Agents. W. MCNAUGHT .....	190
Paper Electrophoresis of Urinary Porphyrins. NINAN VERGHESE .....	191
A Container for Handling and Centrifuging Pathological Material. C. B. FISHER and A. J. HOGAN .....	192
Book Review .....	194

No. 3. MAY, 1958

The Nature, Determination, and Clinical Importance of Blood Iodine: A Review. J. D. ACLAND .....	195
The Demonstration of Intravascular Haemolysis by Means of Serum Paper Electrophoresis and a Modification of Schumm's Reaction. F. C. NEALE, G. M. ABER, and B. E. NORTHAM .....	206
The Value of Laboratory Tests in Hypothermia. PETER I. REED and KETTY E. GAVRILESCU .....	220
The Routine Assay of B <sub>12</sub> in Serum. A. I. TIFFIN and G. M. WILLIAMSON .....	224
An Unusual Case of Proteinuria. J. HARDWICKE .....	227
A Quantitative Study of Decalcification Methods in Histology. H. H. W. VERDENIUS and L. ALMA .....	229
A Case of Cushing's Syndrome with Pigmentation and Severe Hypokalaemic Alkalosis. A. W. B. EDMUNDS, K. C. MCKEOWN, and P. N. COLEMAN .....	237
Giant Cell Granulomata in Regional Lymph Nodes of Carcinoma. G. A. GRESHAM and A. G. ACKERLEY .....	244
Transplacental Bleeding from the Foetus. H. B. GOODALL, FRANCES S. GRAHAM, MARION C. MILLER, and C. CAMERON .....	251
Some Observations on the Coagulation Defect in Vitamin K Deficiency. A. S. DOUGLAS .....	261
The Absence of Abnormal Haemoglobins in 500 Out-patients in Britain. J. Q. MATTHIAS .....	265
Fatal <i>Listeria monocytogenes</i> Meningitis in a Child Aged 3 Months. G. C. TURNER, I. M. P. DAWSON, and ELIZABETH PRYCE-JONES .....	266
The Sensitivity <i>in vitro</i> of the Providence Group of Enteric Bacteria to 14 Antibiotics and Nitrofurantoin. J. E. MIDDLETON .....	270
<b>Technical Methods:</b>	
The Sharpening of Microtome Knives. G. A. BELL .....	273
A New Technique for Testing Antibiotic Sensitivity. S. ZADOR .....	278
<b>Obituary:</b>	
J. G. Greenfield, M.D., B.Sc., LL.D.Edin., F.R.C.P. ....	281
Alfred S. Giordano .....	282
Book Reviews .....	284

No. 4. JULY, 1958

A Re-assessment of the Gastric Lesion in Pernicious Anaemia. H. A. MAGNUS .....	289
Renal Papillary Necrosis in Childhood. G. A. STIRLING .....	296
The Pathogenesis of Bronchial Catarrh and of Acute and Chronic Bronchitis. S. ENGEL .....	302
Fibrinolysis in Normal Pregnancy. J. J. BIEZENSKI and H. C. MOORE .....	306
Direct Compatibility Testing. N. A. F. YOUNG .....	311
Hereditary Elliptocytic Haemolytic Anaemia. E. K. BLACKBURN, ARTHUR JORDAN, W. J. LYTLE, H. T. SWAN, and G. R. TUDHOPE .....	316
An Evaluation of a New Diagnostic Test for Systemic Lupus Erythematosus. M. WILKINSON and E. G. REES ..	321
The Differentiation of Myelomatosis from Other Causes of Bone Marrow Plasmacytosis. W. A. AHERNE .....	326
The Non-protein Constituents of the Plasma in Myelomatosis. N. H. MARTIN and H. SCULTHORPE .....	330
Fractionation of Bence-Jones Protein by Starch Gel Electrophoresis. F. V. FLYNN and ELIZABETH A. STOW ..	334
The Effect of Sunlight and Temperature on the Redox Potential of Liquid Media. S. ZADOR .....	339
The Fate of Glucosamine Hydrochloride Injected Intravenously in Man. S. WEIDEN and I. J. WOOD .....	343
Galactose and Glucose Tolerance in Normals, the Obese, and Post-gastrectomy Patients. S. DISCHE, W. P. STAMM, and R. B. GOUDIE .....	350
Klebsiella Serotypes in Infections of the Ear and Upper Respiratory Tract. SAMUEL S. EPSTEIN and I. FRIEDMANN ..	359

## CONTENTS

Technical Methods:	PAGE
A Simple Capillary Viscometer. H. E. D. LLOYD .....	363
The Determination of Ethylene Diamine Tetra-acetic Acid (E.D.T.A.) in Urine and Serum. D. C. SMITH and S. L. TOMPSETT .....	365
A Note on Urea Estimation by Diacetyl Monoxime. J. T. WEARNE .....	367
A Rotary Drier for Use in the Dry Ashing Method for Estimating Plasma Protein-bound Iodine. P. LOCKWOOD .....	367
A Simple Anaesthetic Apparatus for Small Animals. J. H. CONNOLLY .....	369
Association of Clinical Pathologists: 60th General Meeting .....	371

### No. 5. SEPTEMBER, 1958

Two Cases of Marrow Failure with Massive Marrow Plasmocytosis Simulating Myelomatosis. W. D. NICOLL, A. J. WATSON, and J. W. WHITELAW .....	377
The Systemic Lesions of Whipple's Disease. P. FARNAN .....	382
Cutaneous Petechiae in Fatal Coronary Artery Disease. L. M. GERLIS .....	391
Congenital Agenesis of the Spleen with Chronic Enterocolitis in an Adult. J. GORDON ALEXANDER .....	396
Methods for the Investigation of the Coagulation Mechanism in Small Children. DAVID J. B. ASHLEY .....	399
The Effect of Citrate on Euglobulin Methods of Estimating Fibrinolytic Activity. MONAMY BUCKELL .....	403
The Kaolin Clotting Time. J. MARGOLIS .....	406
The Distribution of Cells in Peripheral Blood Smears. E. DAVIDSON .....	410
Familial Haemophilia and Factor VII Deficiency. M. CONSTANDOLAKIS .....	412
The Clinical Evaluation of Staphylococcal Anti-alpha Haemolysin Titres in Patients' Sera. HERTA SCHWABACHER and A. J. SALSBUURY .....	417
A Critical Assessment of the Freeze-dried Disc Technique for Determining the Sensitivity of Bacteria to Sulphonamides and Antibiotics. C. E. D. TAYLOR, G. V. HEIMER, and C. C. SPICER .....	421
A Trial of Rappaport's Medium. PATRICK COLLARD and MARIAN UNWIN .....	426
The Investigation of Symptomless Glycosuria with the Galactose and Cortisone Modified Glucose Tolerance Tests. R. B. GOUDIE, W. P. STAMM, and S. DISCHE .....	428
Chemical Evaluation of Hepatic Function in Nigerians. J. C. EDOZIEN .....	437
Copper Metabolism in Normal Adults and in Clinically Normal Relatives of Patients with Wilson's Disease. F. C. NEALE and M. FISCHER-WILLIAMS .....	441
The Estimation of High Concentrations of Plasma Acid Phosphatase. E. BOWERS and K. W. DENSON .....	448
An Extraction Technique for the Estimation of Evans Blue in Plasma. MICHAEL HOBSELY and ERNEST D. DEW ..	451
Technical Methods:	
A Glass Tissue Culture Chamber for Use in Time-lapse Cinematography. F. L. CONSTABLE and MARGARET A. J. MOFFAT .....	455
Preparation of Stained Films of Sickle Cells. H. L. ENGLISH .....	457
Book Reviews .....	458

### No. 6. NOVEMBER, 1958

Symposium in Honour of the Centenary of Virchow's "Cellular Pathology" (1853-1958):	
1858. Sir ROY CAMERON, F.R.S. ....	463
Diagnosis from Cells. J. BAMFORTH and G. R. OSBORN .....	473
The Bacterial Cell. ROBERT CRUICKSHANK .....	483
The Cell in Culture. HONOR B. FELL .....	489
Cytochondrial Aspects of Cellular Pathology. JOHN W. HARMAN .....	495
Two Biochemical Aspects of Cell Necrosis. N. H. MARTIN .....	516
Extension of the Limits of Cellular Pathology: The Role of Enzyme Histochemistry. A. G. EVERSON PEARSE .....	520
The Effect of Reduced Oxygen Tension on Platelet Formation <i>in vitro</i> . R. J. V. PULVERTAFT .....	535
The Antibody Content of Single Cells. M. C. BERENBAUM .....	543
The Chairman's Summing-up. G. J. CUNNINGHAM .....	548
Proceedings of the Association of Clinical Pathologists: 61st General Meeting .....	550
List of Broadshets .....	555
Book Reviews .....	556
Index to Volume 11 .....	557