

Index to Volume 35

Authors and Titles

- Adams, N. R. *See* Tang, B. Y. 527
- Alexander, Nancy J.
Possible mechanisms of vasectomy-
exacerbated atherosclerosis 469
- Arcus, A. C. *See* Wastney, M. E. 381
- Bain, Joan M. *See* Burley, R. W. 13
- Barden, Julian A., and Mason, Peter
Series elasticity in frog muscle as revealed
by optical diffraction 617
- Barker, J. S. F. *See* Oakeshott, J. G. 73
- Bickerstaffe, R. *See* Wastney, M. E. 381
- Blackshaw, A. W. *See* Putra, D. K. H. 287
- Bradshaw, J. E. *See* Smythe, G. A. 207
- Brinsmead, M. W., and Thorburn, G. D.
Effect of streptozotocin on foetal lambs
in mid-pregnancy 517
- Brown, B. W., Oddy, V. H., and Jones, A. W.
Measurement of organ blood flow using
tritiated water. II. Uterine blood flow
in conscious pregnant ewes 25
- Burdon, J. J., Marshall, D. R., Luig, N. H.,
and Gow, D. J. S.
Isozyme studies on the origin and evolution
of *Puccinia graminis* f. sp. *tritici* in
Australia 231
- Burley, R. W., Sleight, R. W., and Bain,
Joan M.
Conversion of a lipoprotein from egg
yolk into a membranous form in the
presence of yolk lipid 13
- Burley, R. W. *See also* Inglis, A. S. 263
- Buxton, Louise E., and Murdoch, R. N.
Lectins, calcium ionophore A23187 and
peanut oil as decidual agents in the
uterus of pseudopregnant mice: effects of
tranylcypromine, indomethacin,
iproniazid and propranolol 63
- Metabolic properties of mouse uterine
endometrial cells after isolation with
collagenase 277
- Chambers, G. K. *See* Oakeshott, J. G. 73
- Chapman, R. E. *See* Hollis, D. E. 545
- Clark, B. L. *See* Kortt, A. A. 481
- Claxton, J. H.
Temporal patterns of bristle development
in *Drosophila melanogaster*
sternites 653
- Colgan, D. J.
Effects of selection on the evolution of the
sex ratio 95
- Colgan, D. J. *See also* Sved, J. A. 645
- Colgan, D. J., and Sved, J. A.
Further analysis of hybrid dysgenesis in
Drosophila melanogaster 533
- Corrigendum 468
- Cumming, R. B. *See* Wodzicka-Tomaszewska
Manika 393
- Cybinski, D. H., and St George, T. D.
Preliminary characterization of D'Aguilar
virus and three Palyam viruses new to
Australia 343
- Dawe, S. T., Husband, A. J., and
Langford, C. M.
Effects of induction of parturition in
ewes with dexamethasone or oestrogen
on concentrations of immunoglobulins in
colostrum, and absorption of immuno-
globulins by lambs 223
- Dennis, E. S. *See* Elizur, A. 313
- Dickson, M. R. *See* Moussa, Ahmed
Youssef 669
- Donnelly, J. B. *See* Panaretto, B. A. 579
- Duncan, M. *See* Smythe, G. A. 207
- East, P. D. *See* Oakeshott, J. G. 73
- Elizur, A., Dennis, E. S., and Peacock, W. J.
Satellite DNA sequences in the red
kangaroo (*Macropus rufus*) 313
- French, J. *See* McBride, W. G. 173
- Fulkerson, W. J., and Jamieson, Pamela A.
Pattern of cortisol release in sheep following
administration of synthetic ACTH or
imposition of various stressor agents 215
- Gavrilovic, Lilian, O'Brien, R. W., and
Sanders, R. L.
Secretion of amylase by the marine
bacterium, *Alteromonas rubra* 111
- Gibson, J. B. *See* Oakeshott, J. G. 73
- Gordon, A. J.
Effect of dexamethasone and cyclo-
phosphamide on urinary hydroxyproline
to creatinine ratios in sheep 153

- Gough, Keith H., Lilley, Glenn G., Shukla, Dharma D., and Woods, E. Frank
Some physicochemical properties of *Erysimum* latent virus 5
- Gow, D. J. S. *See* Burdon, J. J. 231
- Green, Stuart W., and Renfree, Marilyn B.
Changes in the milk proteins during lactation in the tammar wallaby, *Macropus eugenii* 145
- Harlow, G. M., and Quinn, P.
Development of preimplantation mouse embryos *in vivo* and *in vitro* 187
- Hawkes, Royle A. *See* Moussa, Ahmed Youssef 669
- Hemsley, J. A. *See* Hollis, D. E. 545
- Hewish, Dean R., and Marshall, Robert C.
In vitro growth and differentiation of epithelial cells derived from post-embryonic hair follicles 103
- Hollis, D. E., Chapman, R. E., and Hemsley, J. A.
Effects of experimentally induced fleece-rot on the structure of the skin of Merino sheep 545
- Hopkins, P. S. *See* McDonald, B. J. 33
- Howells, A. J. *See* Turnbull, I. F. 491
- Husband, A. J. *See* Dawe, S. T. 223
- Inglis, A. S., Strike, P. M., and Burley, R. W.
Two low-molecular-weight apoproteins (apovitellenins I and II) from a lipoprotein of goose's egg yolk: a comparison with related species 263
- Jamieson, Pamela A. *See* Fulkerson, W. J. 215
- Jeffrey, P. D. *See* Teasdale, R. D. 137
- Jones, A. R. *See* Stevenson, Denise 595
- Jones, A. W. *See* Brown, B. W. 25
- Kortt, A. A., O'Donnell, I. J., Stewart, D. J., and Clark, B. I.
Activities and partial purification of extracellular proteases of *Bacteroides nodosus* from virulent and benign footrot 481
- Kuchel, P. W. *See* Teasdale, R. D. 137
- Langford, C. M. *See* Dawe, S. T. 223
- Leenanuruksa, D., and McDowell, G. H.
The importance of glucose supply in the initiation of artificial lactation in the ewe 629
- Leish, Z. *See* Panaretto, B. A. 579
- Lilley, Glenn G. *See* Gough, Keith H. 5
- Luig, N. H. *See* Burdon, J. J. 231
- MacRae, I. C. *See* Timms, P. 661
- Marshall, D. R., and Weiss, P. W.
Isozyme variation within and among Australian populations of *Emex spinosa* (L.) Campd. 327
- Marshall, D. R.
See also Burdon, J. J. 231
- Marshall, Robert C. *See* Hewish, Dean R. 103
- Mason, Peter. *See* Barden, Julian A. 617
- McBride, W. G., Vardy, P. H., and French, J.
Effects of scopolamine hydrobromide on the development of the chick and rabbit embryo 173
- McCaffery, C. *See* Stone, G. M. 403
- McDonald, B. J., Suter, G., and Hopkins, P. S.
Defleecing effect of betamethasone and other long-acting corticosteroids, their influence on wool growth and some physiological processes in sheep 33
- McDowell, G. H. *See* Leenanuruksa, D. 629
- McKechnie, Stephen W., and Morgan, Phillip
Alcohol dehydrogenase polymorphism of *Drosophila melanogaster*: aspects of alcohol and temperature variation in the larval environment 85
- Miller, B. G., Tassell, R., and Stone, G. M.
Timing of anti-uterotrophic effects of a single injection of progesterone in the oestrogen-stimulated uterus: comparison of the sheep and mouse 417
- Miller, B. G. *See also* Stone, G. M. 403
- Miller, John H., and Morris, Lynne L.
Mechanisms of organic acid and monosaccharide transport in the kidney of the brush-tailed possum, *Trichosurus vulpecula* 363
- Moore, G. P. M., Panaretto, B. A., and Robertson, D.
Inhibition of wool growth in Merino sheep following administration of mouse epidermal growth factor and a derivative 163
- Morgan, Phillip. *See* McKechnie, Stephen W. 85
- Morgan, R. G. H. *See* Oates, P. S. 505
- Morris, Lynne L. *See* Miller, John H. 363

- Moussa, Ahmed Youssef, Hawkes, Royle A., Dickson, M. R., Shipp, E., and Woods, A. Serological relationships of the housefly virus and some members of the family Reoviridae 669
- Murdoch, R. N. *See* Buxton, Louise E. 63, 277
- Nichol, L. W. *See* Teasdale, R. D. 137
- Oakeshott, J. G., Chambers, G. K., East, P. D., Gibson, J. B., and Barker, J. S. F. Evidence for a genetic duplication involving alcohol dehydrogenase genes in *Drosophila buzzatii* and related species 73
- Oates, P. S., and Morgan, R. G. H. Pancreatic response to bolus injection of cholecystokinin-pancreozymin in anaesthetized and conscious rats fed raw soyaflour 505
- O'Brien, R. W., and Slaytor, M. Role of microorganisms in the metabolism of termites 239
- O'Brien, R. W. *See also* Gavrilovic, Lilian 111; Ratcliffe, Catherine 457
- Oddy, V. H. *See* Brown, B. W. 25
- O'Donnell, I. J. *See* Kortt, A. A. 481
- O'Shea, J. D. *See* Rodgers, R. J. 441
- Panaretto, B. A., Leish, Z., and Donnelly, J. B. Some effects of dexamethasone on nucleic acid metabolism in skin of Merino sheep 579
- Panaretto, B. A. *See also* Moore, G. P. M. 163
- Parr, R. A., and Williams, A. H. Nutrition of the ewe and embryo growth during early pregnancy 271
- Corrigendum 468
- Paynter, David I. Differences between serum and plasma ceruloplasmin activities and copper concentrations: investigation of possible contributing factors 353
- Peacock, W. J. *See* Elizur, A. 313
- Pike, I. L., and Wales, R. G. Uptake and incorporation of glucose into the glycogen pools of preimplantation mouse embryos during culture *in vitro* 195
- Turnover of carbon pools labelled with [^{14}C]glucose during *in vitro* culture of preimplantation mouse embryos 637
- Poole, W. E., Sharman, G. B., Scott, K. J., and Thompson, S. Y. Composition of milk from red and grey kangaroos with particular reference to vitamins 607
- Putra, D. K. H., and Blackshaw, A. W. Morphometric studies of compensatory testicular hypertrophy in the rat after hemicastration 287
- Quinn, P. Polyethylene glycol-induced attachment of human spermatozoa to zona-free rat ova *in vitro* 179
- Quinn, P. *See also* Harlow, G. M. 187
- Ratcliffe, Catherine, Sanders, R. L., Tittel, Ludmilla, and O'Brien, R. W. Amylase and protease secretion by the marine bacterium *Vibrio gazogenes* 457
- Reis, P. J., and Tunks, D. A. Inhibitory effects of ethionine, an analogue of methionine, on wool growth 49
- Renfree, Marilyn B. *See* Green, Stuart W. 145
- Ritar, A. J., and Salamon, S. Effects of seminal plasma and of its removal and of egg yolk in the diluent on the survival of fresh and frozen-thawed spermatozoa of the Angora goat 305
- Ritar, A. J. *See also* Salamon, S. 295
- Robertson, D. *See* Moore, G. P. M. 163
- Rodgers, R. J., and O'Shea, J. D. Purification, morphology, and progesterone production and content of three cell types from the corpus luteum of the sheep 441
- Salamon, S., and Ritar, A. J. Deep freezing of Angora goat semen: effects of diluent composition and method and rate of dilution on survival of spermatozoa 295
- Salamon, S. *See also* Ritar, A. J. 305
- Sanders, R. L. *See* Gavrilovic, Lilian; 111
- Ratcliffe, Catherine 457
- Scott, K. J. *See* Poole, W. E. 607
- Senior, W. *See* Williams, V. J. 373
- Sharman, G. B. *See* Poole, W. E. 607
- Shipp, E. *See* Moussa, Ahmed Youssef 669
- Shukla, Dharma D. *See* Gough, Keith H. 5
- Sinha, Umakant. *See* Trehan, Keshav 573
- Slaytor, M. *See* O'Brien, R. W. 239

- Sleigh, R. W. *See* Burley, R. W. 13
- Smythe, G. A., Bradshaw, J. E., and Duncan, M.
Loss of hypothalamic dopaminergic control of prolactin secretion in the hyperprolactinaemic rat 207
- Stelmasiak, T. *See* Wodzicka-Tomaszewska, Manika 393
- Stevenson, Denise, and Jones, A. R.
Inhibition of fructolysis in boar spermatozoa by the male antifertility agent (S)- α -chlorohydrin 595
- Stewart, D. J. *See* Kortt, A. A. 481
- St George, T. D. *See* Cybinski, D. H. 343
- Stone, B. F., and Youlton, N. J.
Inheritance of resistance to chlorpyrifos in the Mt Alford strain and to diazinon in the Gracemere strain of the cattle tick (*Boophilus microplus*) 427
- Stone, G. M., McCaffery, C., and Miller, B. G.
Effects of progesterone on nuclear and cytosol steroid receptor levels in the oestrogen-stimulated uterus: comparison of the sheep and mouse 403
- Stone, G. M. *See also* Miller, B. G. 417
- Strike, P. M. *See* Inglis, A. S. 263
- Suter, G. *See* McDonald, B. J. 33
- Sved, J. A., and Colgan, D. J.
Chromosomal contamination for male recombination in *Drosophila melanogaster* 645
- Sved, J. A. *See also* Colgan, D. J. 533
- Tang, B. Y., and Adams, N. R.
Proportions of nucleic acids in the uteri of ewes with clover disease and the effect of oestrogen after ovariectomy 527
- Tassell, R. *See* Miller, B. G. 417
- Teasdale, R. D., Jeffrey, P. D., Kuchel, P. W. and Nichol, L. W.
Interpretation of the kinetics of consecutive enzyme-catalysed reactions: studies on the arginase-ornithine carbamoyltransferase system 137
- Thompson, E. O. P. *See* Webster, D. M. 125
- Thompson, S. Y. *See* Poole, W. E. 607
- Thorburn, G. D. *See* Brinsmead, M. W. 517
- Timms, P., and MacRae, I. C.
Conversion of fensulfothion by *Klebsiella pneumoniae* to fensulfothion sulfide and its accumulation 661
- Tittel, Ludmilla. *See* Ratcliffe, Catherine 457
- Trehan, Keshav, and Sinha, Umakant
DNA-mediated transformation in *Nostoc muscorum*, a nitrogen-fixing cyanobacterium 573
- Tunks, D. A. *See* Reis, P. J. 49
- Turnbull, I. F., and Howells, A. J.
Effects of several larvicidal compounds on chitin biosynthesis by isolated larval integuments of the sheep blowfly *Lucilia cuprina* 491
- Vardy, P. H. *See* McBride, W. G. 173
- Wales, R. G. *See* Pike, I. L. 195, 637
- Wastney, M. E., Arcus, A. C., Bickerstaffe, R., and Wolff, J. E.
Glucose tolerance in ewes and susceptibility to pregnancy toxemia 381
- Webster, D. M., and Thompson, E. O. P.
Carboxymethylation of thiol groups in ovalbumin: implications for proteins that contain both thiol and disulfide groups 125
- Weiss, P. W. *See* Marshall, D. R. 327
- Williams, A. H. *See* Parr, R. A. 271, 468
- Williams, V. J., and Senior, W.
Effects of caeectomy on the digestibility of food and rate of passage of digesta in the rat 373
- Wodzicka-Tomaszewska, Manika, Stelmasiak, T., and Cumming, R. B.
Stress by immobilization, with food and water deprivation, causes changes in plasma concentration of triiodothyronine, thyroxine and corticosterone in poultry 393
- Wolff, J. E. *See* Wastney, M. E. 381
- Woods, A. *See* Moussa, Ahmed Youssef 669
- Woods, E. Frank. *See* Gough, Keith H. 5
- Youatt, Jean
Selective development of resistant sporangia in growing cultures of *Allomyces macrogynus* and *A. arbuscula* 333
- Role of glucose and amino acids in the production of resistant sporangia by *Allomyces macrogynus* 557
- Oxine, ferric oxine and copper oxine as inhibitors of growth and differentiation of *Allomyces macrogynus* 565
- Youlton, N. J. *See* Stone, B. F. 427