

Indexes to Volume 29

Authors and Titles

- Amato, F. *See* Seamark, R. F.
- Arcus, A. C., Ellis, M. Jane, Kirk, R. D.,
Beaven, D. W., Donald, R. A.,
Hart, D. S., Holland, G. W., and
Redekopp, C.
Studies with the autotransplanted ovine
pancreas: glucagon and insulin
secretion 223
- Baptist, N. G., Nash, A. R., and
Thompson, E. O. P.
Instability of DTNB-treated globin or
haemoglobin 181
- Beaven, D. W. *See* Arcus, A. C.
- Behncken, G. M., and Gowanlock, D. H.
Association of a bacterium-like organism
with rugose leaf curl disease of clovers
137
- Bilton, R. J., and Moore, N. W.
In vitro culture, storage and transfer of
goat embryos 125
- Bindon, B. M. *See* Gidley-Baird, A. A.
- Bradbury, J. H. *See* Peters, D. E.
- Brown, A. D. H., Marshall, D. R., and
Munday, J.
Adaptedness of variants at an alcohol
dehydrogenase locus in *Bromus mollis* L.
(soft brome-grass) 389
- Brown-Woodman, P. D. C., and White, I. G.
Disruption of the metabolism, motility and
morphology of spermatozoa by injection
of α -chlorohydrin into rams 545
- Burley, R. W., and Davies, W. A.
Studies on the apoproteins of the major
lipoprotein of the yolk of hen's eggs.
II. The dimer-tetramer transition of
apovitellenin I 317
- Claxton, J. H.
Developmental origin of even spacing
between the microchaetes of *Drosophila*
melanogaster 131
- Cohen, Yigal
Interacting effects of light and temperature
on sporulation of *Peronospora tabacina*
on tobacco leaves 281
- Coombe, R. G., and George, A. M.
An alternative coupling procedure for
preparing activated sepharose for
affinity chromatography of penicillinase
305
- Cooper, D. W.
Studies on metatherian sex chromosomes.
II. The improbability of a stable balanced
polymorphism at an X-linked locus
with the paternal X inactivation system
of kangaroos 245
- Costa, N. D., McIntosh, G. H., and
Snoswell, A. M.
Production of endogenous acetate by the
liver in lactating ewes 33
- Crowden, R. K. *See* Wong, L. K.
- Dale, James, and Gibbs, Adrian
Kennedya yellow mosaic virus: another
tymovirus 397
- Davies, W. A. *See* Burley, R. W.
- Deering, Judy V. *See* Nicholas, D. J. D.
- Donald, R. A. *See* Arcus, A. C.
- Dooley, P. C., and Williams, V. J.
Changes in plasma volume and haematocrit
in intact and splenectomized sheep
during feeding 533
- Dopheide, T. A. A., and Inglis, A. S.
Primary structure of apovitellenin I from
hen egg yolk and its comparison with
emu apovitellenin I 175
- Ellis, M. Jane. *See* Arcus, A. C.
- Falconer, Ian R.
Interrelationships between the thyroid
gland and adrenal cortex during fear,
cold and restraint in the sheep 117
- Fell, L. R. *See* Fulkerson, W. J.
- Fenemore, P. G. *See* Russell, G. B.
- Filsell, O. H. *See* Judson, G. J.
- Fisher, W. K., and Thompson, E. O. P.
Studies on monotreme proteins. VII.
Amino acid sequence of myoglobin
from the platypus, *Ornithorhynchus*
anatinus 57
- Fisher, W. K. *See also* Nash, A. R.

- Fogerty, A. C. *See* Hood, R. L.; Pearson, Judith A.
- Frater, R.
Location of a high-sulphur protein in developing wool follicles using peroxidase labelled antibody 453
- Frenkel, M. J., and Gillespie, J. M.
The proteins of the keratin component of birds' beaks 467
- Fulkerson, W. J., Hooley, R. D., McDowell, G. H., and Fell, L. R.
Artificial induction of lactation in ewes: the involvement of progesterone and prolactin in lactogenesis 357
- George, A. M. *See* Coombe, R. G.
- Gibbs, Adrian. *See* Dale, James
- Gidley-Baird, A. A., and Bindon, B. M.
Solid-phase assay for luteinizing hormone in mouse plasma 105
- Gillespie, J. M. *See* Frenkel, M. J.; Marshall, Robert C.
- Gowanlock, D. H. *See* Behncken, G. M.
- Hart, D. S. *See* Arcus, A. C.
- Harris, R. L. N. *See* Ward, K. A.
- Heath, Trevor. *See* Pass, Michael
- Hendrickson, Susan. *See* Seamark, R. F.
- Hogan, J. P. *See* Kennedy, P. M.
- Hogan, R. M. *See* Kennedy, P. M.
- Holland, G. W. *See* Arcus, A. C.
- Hood, R. L., Johnson, A. R., Fogerty, A. C., and Pearson, Judith A.
Fatty liver and kidney syndrome in chicks. II. Biochemical role of biotin 429
- Hood, R. L. *See also* Pearson, Judith A.
- Hooley, R. D. *See* Fulkerson, W. J.
- Horgan, D. J. *See* O'Shea, J. M.
- Horgan, Douglas J.
Effect of heptane treatment on the response of sarcoplasmic reticulum preparations to phosphate 459
- Husbands, D. R. *See* Walkley, C. S.
- Inglis, A. S. *See* Dopheide, T. A. A.
- Jarrett, I. G. *See* Judson, G. J.
- Johnson, A. R. *See* Hood, R. L.; Pearson, Judith A.
- Jones, H. E. *See* Skyring, G. W.
- Judson, G. J., Filsell, O. H., and Jarrett, I. G.
Glucose and acetate metabolism in sheep at rest and during exercise 215
- Kemp, D. H. *See* Schleger, A. V.
- Kempton, T. J., Murray, R. M., and Leng, R. A.
Methane production and digestibility measurements in the grey kangaroo and sheep 209
- Kennedy, P. M., Hogan, J. P., Lindsay, J. R., and Hogan, R. M.
Transfer of sulphur to the digestive tract of sheep 525
- Kirk, R. D. *See* Arcus, A. C.
- Leng, R. A. *See* Kempton, T. J.
- Lincoln, D. T. *See* Schleger, A. V.
- Lindsay, J. R. *See* Kennedy, P. M.
- Macfarlane, J. J. *See* O'Shea, J. M.
- Mac Nish, G. C.
Survival of *Gaeumannomyces graminis* var. *tritici* in artificially colonized straw buried in naturally infested soil 163
- Marshall, D. R. *See* Brown, A. D. H.
- Marshall, Robert C., and Gillespie, J. M.
High-sulphur proteins from α -keratins.
I. Heterogeneity of the proteins from mouse hair 1
II. Isolation and partial characterization of purified components from mouse hair 11
- McDowell, G. H. *See* Fulkerson, W. J.
- McIntosh, G. H. *See* Costa, N. D.
- McKenna, R. V. *See* Schleger, A. V.
- Miller, B. G., and Moore, N. W.
Effects of progesterone and oestradiol on RNA and protein metabolism in the genital tract and on survival of embryos in the ovariectomized ewe 565
- Moor, R. M. *See* Seamark, R. F.
- Moore, N. W. *See* Bilton, R. J.; Miller, B. G.; Trounson, A. O.
- Munday, J. *See* Brown, A. D. H.
- Murray, R. M. *See* Kempton, T. J.
- Nash, A. R., Fisher, W. K., and Thompson, E. O. P.
Haemoglobins of the shark, *Heterodontus portusjacksoni*. II. Amino acid sequence of the α -chain 73
- Nash, A. R. *See also* Baptist, N. G.
- Nicholas, D. J. D., and Deering, Judy V.
Repression, derepression and activation of nitrogenase in *Azotobacter vinelandii* 147
- Nolan, James. *See* Stone, Bernard F.
- Oakeshott, J. G.
Biochemical differences between alcohol dehydrogenases of *Drosophila melanogaster* 365

- O'Shea, J. M., Horgan, D. J., and Macfarlane, J. J.
Some effects of pressure treatment on actomyosin systems 197
- Osinowo, O., and Salamon, S.
Examination of some processing methods for freezing boar semen 325
Fertility test of frozen boar semen 335
- Pass, Michael, and Heath, Trevor
Effect of electrical stimulation of the vagus nerves on bile secretion in anaesthetized sheep 351
- Pearson, Judith A., Johnson, A. R., Hood, R. L., and Fogerty, A. C.
Fatty liver and kidney syndrome in chicks. I. Effect of biotin in diet 419
- Pearson, Judith A. *See also* Hood, R. L.
- Peters, D. E., and Bradbury, J. H.
The chemical composition of wool. XV.
The cell membrane complex 43
- Pugh, Anne. *See* Trounson, A. O.
- Redekopp, C. *See* Arcus, A. C.
- Roberts, J. A. *See* Schleger, A. V.
- Russell, G. B., Singh, Pritam, and Fenemore, P. G.
Insect-control chemicals from plants.
III. Toxic lignans from *Libocedrus bidwillii* 99
- Salamon, S. *See* Osinowo, O.
- Schleger, A. V., and Lincoln, D. T.
Boophilus microplus: characterization of enzymes introduced into the host 487
- Schleger, A. V., Lincoln, D. T., McKenna, R. V., Kemp, D. H., and Roberts, J. A.
Boophilus microplus: cellular responses to larval attachment and their relationship to host resistance 499
- Schuntner, Charles A. *See* Stone, Bernard F.
- Seamark, R. F., Amato, F., Hendrickson, Susan, and Moor, R. M.
Oxygen uptake, glucose utilization, lactate release and adenine nucleotide content of sheep ovarian follicles in culture: effect of human chorionic gonadotrophin 557
- Senior, W. *See* Williams, V. J.
- Singh, Pritam. *See* Russell, G. B.
- Sippel, Jill. *See* Williams, V. J.
- Skyring, G. W., and Jones, H. E.
Variations in the spectrum of desulfovibrin from *Desulfovibrio gigas* 291
- Snoswell, A. M. *See* Costa, N. D.
- Stone, Bernard F., Nolan, James, and Schuntner, Charles A.
Biochemical genetics of resistance to organophosphorus acaricides in three strains of the cattle tick, *Boophilus microplus* 265
- Stone, Bernard F., Wilson, John T., and Youlton, Nerida J.
Linkage and dominance characteristics of genes for resistance to organophosphorus acaricides and allelic inheritance of decreased brain cholinesterase activity in three strains of the cattle tick *Boophilus microplus* 251
- Sved, J. A.
Hybrid dysgenesis in *Drosophila melanogaster*: a possible explanation in terms of spatial organization of chromosomes 375
- Thompson, E. O. P. *See* Baptist, N. G.; Fisher, W. K.; Nash, A. R.
- Trouson, A. O., Pugh, Anne, and Moore, N. W.
Studies on the zona pellucida of sheep ova: immune lysis and localization of antibodies in ova with, and without, zonae 237
- Walkley, C. S., and Husbands, D. R.
Polypeptides from serum low-density lipoproteins of pigs (*Sus domesticus*) 301
- Ward, K. A.
Preparation of metabolically active cell suspensions from wool roots 443
- Ward, K. A., and Harris, R. L. N.
Inhibition of wool follicle DNA synthesis by mimosine and related 4(1H)-pyridones 189
- White, I. G. *See* Brown-Woodman, P. D. C.
- Williams, A. J.
Metabolism of cystine by Merino sheep genetically different in wool production.
IV. Rates of entry of cystine into plasma, measured with a single intravenous injection of L-[³⁵S]cystine, and the subsequent incorporation of ³⁵S into wool fibres 513
- Williams, V. J., Senior, W., and Sippel, Jill
Effects of semi-starvation on the total body composition and absorptive function of the small intestine of the young adult female rat 341

Williams, V. J. *See also* Dooley, P. C.

Wilson, John T. *See* Stone, Bernard F.

Wong, L. K., and Crowden, R. K.

Preliminary studies on the mucus secretion
of the wood wasp, *Sirex noctilio* F.

I. Physicochemical and biochemical
properties 21

Woods, E. F.

Sedimentation equilibrium studies on
protein from kookaburra beak 481

The conformational stabilities of
tropomyosins 405

Youlton, Nerida J. *See* Stone, Bernard F.